



Sun Java System Web Server 7.0 CLI Reference Manual



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Preface

The Sun Java System Web Server man pages describe the Sun Java System Web Server command line interface (CLI). The administration commands allow you to administer the Web Server through the CLI.

Who Should Use This Book

This book is intended for Web Server administrators. This book assumes you are familiar with the following topics:

- Installing software
- Performing basic system administration tasks
- Issuing commands in a terminal window

Before You Read This Book

Web Server can be installed as a stand-alone product or as a component of Sun Java Enterprise System (Java ES), a software infrastructure that supports enterprise applications distributed across a network or Internet environment. If you are installing Web Server as a component of Java ES, you should be familiar with the system documentation at <http://docs.sun.com/coll/1286.2>.

Web Server Documentation Set

The Web Server documentation set describes how to install and administer the Web Server. The URL for Web Server documentation is <http://docs.sun.com/coll/1308.3>. For an introduction to Web Server, refer to the books in the order in which they are listed in the following table.

TABLE P-1 Books in the Web Server Documentation Set

Documentation Title	Contents
<i>Sun Java System Web Server 7.0 Documentation Center</i>	Web Server documentation topics organized by tasks and subject
<i>Sun Java System Web Server 7.0 Release Notes</i>	<ul style="list-style-type: none"> ■ Late-breaking information about the software and documentation ■ Supported platforms and patch requirements for installing Web Server
<i>Sun Java System Web Server 7.0 Installation and Migration Guide</i>	<p>Performing installation and migration tasks:</p> <ul style="list-style-type: none"> ■ Installing Web Server and its various components ■ Migrating data from Sun ONE Web Server 6.0 or 6.1 to Sun Java System Web Server 7.0
<i>Sun Java System Web Server 7.0 Administrator's Guide</i>	<p>Performing the following administration tasks:</p> <ul style="list-style-type: none"> ■ Using the Administration and command-line interfaces ■ Configuring server preferences ■ Using server instances ■ Monitoring and logging server activity ■ Using certificates and public key cryptography to secure the server ■ Configuring access control to secure the server ■ Using Java Platform, Enterprise Edition (J2EE) security features ■ Deploying applications ■ Managing virtual servers ■ Defining server workload and sizing the system to meet performance needs ■ Searching the contents and attributes of server documents, and creating a text search interface ■ Configuring the server for content compression ■ Configuring the server for web publishing and content authoring using WebDAV
<i>Sun Java System Web Server 7.0 Developer's Guide</i>	<p>Using programming technologies and APIs to do the following:</p> <ul style="list-style-type: none"> ■ Extend and modify Sun Java System Web Server ■ Dynamically generate content in response to client requests and modify the content of the server
<i>Sun Java System Web Server 7.0 NSAPI Developer's Guide</i>	Creating custom Netscape Server Application Programmer's Interface (NSAPI) plug-ins

TABLE P-1 Books in the Web Server Documentation Set (Continued)

Documentation Title	Contents
<i>Sun Java System Web Server 7.0 Developer's Guide to Java Web Applications</i>	Implementing Java Servlets and JavaServer Pages™ (JSP™) technology in Sun Java System Web Server
<i>Sun Java System Web Server 7.0 Administrator's Configuration File Reference</i>	Editing configuration files
<i>Sun Java System Web Server 7.0 Performance Tuning, Sizing, and Scaling Guide</i>	Tuning Sun Java System Web Server to optimize performance
<i>Sun Java System Web Server 7.0 Troubleshooting Guide</i>	Troubleshooting Web Server

Related Books

The URL for all documentation about Sun Java Enterprise System (Java ES) and its components is <http://docs.sun.com/app/docs/prod/entsys.06q4>.

Default Paths and File Names

The following table describes the default paths and file names that are used in this book.

TABLE P-2 Default Paths and File Names

Placeholder	Description	Default Value
<i>install_dir</i>	Represents the base installation directory for Web Server.	<p>Sun Java™ Enterprise System (Java ES) installations on the Solaris™ platform:</p> <p><i>/opt/SUNWwbsvr7</i></p> <p>Java ES installations on the Linux and HP-UX platforms:</p> <p><i>/opt/sun/webserver/</i></p> <p>Java ES installations on the Windows platform:</p> <p><i>System Drive:\Program Files\Sun\JavaES5\WebServer7</i></p> <p>Other Solaris, Linux, and HP-UX installations, non-root user:</p> <p><i>user's home directory/sun/webserver7</i></p> <p>Other Solaris, Linux, and HP-UX installations, root user:</p> <p><i>/sun/webserver7</i></p> <p>Windows, all installations:</p> <p><i>System Drive:\Program Files\Sun\WebServer7</i></p>
<i>instance_root</i>	Directory that contains the instance—specific subdirectories.	<p>For Java ES installations, the default location for instances on Solaris:</p> <p><i>/var/opt/SUNWwbsvr7</i></p> <p>For Java ES installations, the default location for instances on Linux and HP-UX:</p> <p><i>/var/opt/sun/webserver7</i></p> <p>For Java ES installations, the default location for instance on Windows is:</p> <p><i>System Drive:\Program Files\Sun\JavaES5\WebServer7</i></p> <p>For stand-alone installations, the default location for instance on Solaris, Linux, and HP-UX:</p> <p><i><install_dir></i></p> <p>For stand-alone installations, the default location for instance on Windows:</p> <p><i>System Drive:\Program Files\sun\WebServer7</i></p>

Typographic Conventions

The following table describes the typographic changes that are used in this book.

TABLE P-3 Typographic Conventions

Typeface	Meaning	Example
AaBbCc123	The names of commands, files, and directories, and onscreen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>machine_name% you have mail.</code>
AaBbCc123	What you type, contrasted with onscreen computer output	<code>machine_name%su</code> Password:
<i>AaBbCc123</i>	A placeholder to be replaced with a real name or value	The command to remove a file is <code>rm filename</code> .
<i>AaBbCc123</i>	Book titles, new terms, and terms to be emphasized (note that some emphasized items appear bold online)	Read Chapter 6 in the <i>User's Guide</i> . <i>A cache</i> is a copy that is stored locally. Do <i>not</i> save the file.

Symbol Conventions

The following table explains symbols that might be used in this book.

TABLE P-4 Symbol Conventions

Symbol	Description	Example	Meaning
[]	Contains optional arguments and command options.	<code>ls [-l]</code>	The <code>-l</code> option is not required.
{ }	Contains a set of choices for a required command option.	<code>-d {y n}</code>	The <code>-d</code> option requires that you use either the <code>y</code> argument or the <code>n</code> argument.
\${ }	Indicates a variable reference.	<code>\${com.sun.javaRoot}</code>	References the value of the <code>com.sun.javaRoot</code> variable.
—	Joins simultaneous multiple keystrokes.	Control-A	Press the Control key while you press the A key.

TABLE P-4 Symbol Conventions (Continued)

Symbol	Description	Example	Meaning
+	Joins consecutive multiple keystrokes.	Ctrl+A+N	Press the Control key, release it, and then press the subsequent keys.
—>	Indicates menu item selection in a graphical user interface.	File → New → Templates	From the File menu, choose New. From the New submenu, choose Templates.

Accessing Sun Resources Online

The <http://docs.sun.com>SM web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. Books are available as online files in PDF and HTML formats. Both formats are readable by assistive technologies for users with disabilities.

To access the following Sun resources, go to <http://www.sun.com>:

- Downloads of Sun products
- Services and solutions
- Support (including patches and updates)
- Training
- Research
- Communities (for example, Sun Developer Network)

Searching Sun Product Documentation

Besides searching Sun product documentation from the docs.sun.com web site, you can use a search engine by typing the following syntax in the search field:

```
search-term site:docs.sun.com
```

For example, to search for “Web Server”, type the following:

```
Web Server site:docs.sun.com
```

To include other Sun web sites in your search (for example, java.sun.com, www.sun.com, and developers.sun.com), use “sun.com” in place of “docs.sun.com” in the search field.

Third-Party Web Site References

Third-party URLs are referenced in this document and provide additional, related information.

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REFERENCE

User Commands

Name add-documents – adds search documents

Synopsis **add-documents** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--encoding|-g *encoding*] [--no-subdirs|-r] --pattern|-t *pattern* --config|-c *name* --vs|-s *name* --collection|-l *name*

Description Use this command to add search documents. Web Server includes a search feature that allows users to search documents on the server and display results on a Web page. You can create an index of documents against which users can run the search operations. You can also customize the search interface to meet the user requirements.

Web Server supports multiple document search. You can index documents with different formats such as HTML, ASCII, and PDF. Search is enabled for a virtual server by enabling the search application included in the server.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--encoding -g	Specify the character encoding for the documents to be indexed. The default is ISO-8859-1. The indexing engine tries to determine the encoding of HTML documents from the embedded meta tag.
--no-subdirs -r	If you specify this option, sub directories of the document root will not be searched.
--pattern -t	Specify the wild card pattern of the documents that have to be added.
--config -c	Specify the name of the configuration for which you want to add the search documents.
--vs -s	Specify the name of the virtual server.
--collection -l	Specify the name of the collection.

Examples `wadm add-documents --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --pattern=*.html --collection=searchcoll`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [remove-documents\(1\)](#), [create-search-collection\(1\)](#),
[set-search-collection-prop\(1\)](#), [delete-search-collection\(1\)](#),
[list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#),
[reindex-search-collection\(1\)](#)

Name add-webapp – adds a web application

Synopsis **add-webapp** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--description|-D *text*] [--precompile-jsp|-j] [--file-on-server|-f]
[--no-enabled|-n] --config|-c *name* --vs|-s *name* --uri|-r *context-root warfile*

Description Use this command to add a web application. A web application is a collection of Java Servlets, JSPs, HTML pages, and other resources. All these resources are stored in a directory, and all requests to the directory run the application.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--description -D	Enter a description of the new web application.
--precompile-jsp -j	If you specify this option, JSPs will be precompiled into classes during deployment. This improves performance.
--file-on-server -f	If you specify this option, path to the WAR (Web Application Archive) file must be the absolute path on the administration server.
--no-enabled -n	Specify this option to disable the web application at runtime.
--config -c	Specify the name of the configuration for which you want to add the web application.
--vs -s	Specify the name of the virtual server where you want to deploy the web application.
--uri -r	Specify the URI for your web application. This will be the application context root and is relative to the server host.

Operands *warfile* Specify the name of the WAR file.

Examples wadm **add-webapp** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
--uri=/testapp /abc/sample.war

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#), [list-webapps\(1\)](#), [remove-webapp\(1\)](#)

Name block-reverse-proxy-header – blocks a reverse proxy header

Synopsis **block-reverse-proxy-header** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --vs|-s *vs-name* --uri-prefix|-r *uri* (*param*)

Description Use this command to block a reverse proxy parameter. The parameters that you can block are `jroute`, `ip`, `via`, `cipher`, `proxy-agent`, `proxy-auth`, `keysize`, `secret-keysize`, `ssl-id`, `issuer-dn`, `user-dn`, and `auth-cert`.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the URI prefix.

Operands *param* Specify the name of the header parameter that you want to block.

Examples `wadm block-reverse-proxy-header --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/test/ jroute`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

Name `copy-config` – creates a copy of an existing configuration

Synopsis `copy-config` <connect_options> [`--echo` | `-e`] [`--no-prompt` | `-Q`] [`--verbose` | `-v`]
`--config` | `-c` *name* *copy-name*

Description Use this command to create a copy of an existing configuration. The newly copied configuration is identical to the existing configuration. However, the new configuration will not have any instances even though the configuration from which it has been copied has instances.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--config</code> <code>-c</code>	Specify the name of the server configuration.

Operands *copy-name* Specify the name of the configuration that you want to create.

Examples `wadm copy-config --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 copyconfig1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-config\(1\)](#), [delete-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [pull-config\(1\)](#)

Name `copy-virtual-server` – creates a copy of an existing virtual server

Synopsis `copy-virtual-server` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q]
[`--verbose`|-v] `--config`|-c *name* `--vs`|-s *source-virtual-server-name*
new-virtual-server-name

Description Use this command to create a copy of an existing virtual server.

Options For `connect_options` description, see [help\(1\)](#).

`--echo`|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

`--no-prompt`|-Q If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose`|-v Specify this option to display a verbose output.

`--config`|-c Specify the name of the configuration.

`--vs`|-s Specify the name of the source virtual server.

Operands *new-virtual-server-name* Specify the name of the virtual server that you want to create.

Examples `wadm copy-virtual-server --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1`
`--vs=config1_vs_1 vscopy`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#),
[delete-virtual-server\(1\)](#), [get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#)

Name create-authdb – creates a new authentication database

Synopsis **create-authdb** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--no-enabled|-n] --config|-c name --url|-r url authdb-name

Description Use this command to create a new authentication database. Authentication database enables you to select a database, which the server will use to authenticate users. Web Server supports the use of file, PAM, and LDAP based authentication databases.

- file — This database stores user and group information in flat files.
- PAM — This database is the native authentication database supported by Sun Java System Web Server 7.0.
- LDAP — This database is any directory server including Sun Java System Directory Server.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server. If you specify this option, the authentication database is created at the virtual server level instead of the configuration level.
--no-enabled -n	If you specify this option, the authentication database is disabled at runtime.
--config -c	Specify the name of the configuration for which you want to create the authentication database.
--url -r	Specify the URL of the authentication database. The type of authentication database is specified in the URL scheme. For example, <i>ldap://ds.example.com/dc=example,dc=com</i> configures an LDAP directory server as an authentication database.
Operands authdb-name	Specify the name of the authentication database that you want to create.

Examples `wadm create-authdb --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--url=ldap://ldapsrvr.com:20002/dc=xxx,dc=sun,dc=com LDAP1`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#),
[set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#),
[create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name create-authdb-userprop – creates the authentication database user properties

Synopsis **create-authdb-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--encode|-d boolean] --config|-c name --authdb|-a name (propertyname=value)+

Description Use this command to create the authentication database user properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--encode -d	If you set this option to true, the property value is encoded and stored in the configuration files.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to create the authentication database properties.
--authdb -a	Specify the name of the authentication database.

Operands *propertyname=value* Specify the name and value of the database user property that you want to create.

Examples wadm **create-authdb-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=keyfile info=test**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [list-authdbs\(1\)](#), [delete-authdb\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name create-auth-realm – creates a new authentication realm

Synopsis **create-auth-realm** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--class|-C name] [--type|-t file/ldap/pam/native/certificate] --config|-c name realm-name

Description Use this command to create a new authentication realm. The J2EE based security model provides for security realms that identify and authenticate users. The authentication process verifies users through an underlying realm, also known as a security domain. A realm consists of a set of users, optional group mappings, and authentication logic that validates the requests.

Once an authentication request is validated by a configured realm and the security context established, the identity is applied to all subsequent authorization decisions, unless overruled by a run-as condition. A server instance may have any number of configured realms.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--class -C	Specify the class that implements the authentication realm.
--type -t	Specify the name of a built-in authentication realm type. The type can be file, ldap, pam, native or certificate.
--config -c	Specify the name of the configuration for which you want to create the authentication realm.

Operands realm-name Specify the name of the authentication realm that you want to create.

Examples wadm **create-auth-realm** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 basic

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also `help(1)`, `set-auth-realm-prop(1)`, `delete-auth-realm(1)`, `get-auth-realm-prop(1)`,
`list-auth-realms(1)`, `create-auth-realm-userprop(1)`,
`delete-auth-realm-userprop(1)`, `list-auth-realm-userprops(1)`

Name create-auth-realm-userprop – creates authentication realm user properties

Synopsis **create-auth-realm-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --realm|-l *name* (*propertyname=value*)+

Description Use this command to create the authentication realm user properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the authentication realm user property.
--realm -l	Specify the name of the authentication realm.

Operands *propertyname=value* Specify the name and value of the authentication realm user property that you want to create.

Examples wadm **create-auth-realm-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --realm=basic info=test**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#)

Name create-cert-request – creates a certificate request

Synopsis **create-cert-request** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--org-unit|-o *unit*] [--locality|-l *place*] [--state|-a *name*] [--org|-g *org*] [--country|-y *name*] [--token-pin|-P *name*] [--key-type|-k (*rsa|ecc*)] [--key-size|-z *size*] [--curve|-r *curvename*] [--config|-c *name* --token|-t *name* --server-name|-s *name*]

Description Use this command to create a new certificate request. A certificate consists of digital data that specifies the name of an individual, company, or other entity and certifies that the public key included in the certificate belongs to that entity. Both clients and servers can have certificates.

A certificate is issued and digitally signed by a Certificate Authority (CA). The CA can be a company that sells certificates over the Internet, or it can be a department responsible for issuing certificates for your company's intranet or extranet. You decide which CAs you trust enough to serve as verifiers of other user's identities. Before requesting a server certificate, you must create a trust database.

In Sun Java System Web Server 7.0, Administration Server and each server instance can have its own trust database. The trust database should only be created on your local machine. After creating a certificate trust database for your server, you can request a certificate and submit it to a CA.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --key-type -k | Specify the type of the certificate key. The key types can be <i>rsa</i> or <i>ecc</i> .

<i>rsa</i> is an internet encryption and authentication system using public and private keys.

<i>ecc</i> (Elliptic Curve Cryptography) is a public key encryption technique. It is based on the elliptic curve theory that enables |

	security with smaller key sizes. This results in faster computations, lower power consumption, as well as memory and bandwidth savings.
<code>--key-size -z</code>	Specify the size of the certificate key. This option is applicable if you choose the key-type as <code>rsa</code> . The key size can be 1024, 2048 or 4098.
<code>--curve -r</code>	Specify the name of the curve. This option is applicable if you choose the key-type as <code>ecc</code> .
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
<code>--org -g</code>	Specify the name of your organization, company, or educational institution.
<code>--org-unit -o</code>	Enter a description of an organizational unit within your company.
<code>--locality -l</code>	Enter a description of the city, principality, or country of the organization.
<code>--state -a</code>	Specify the state or province where your organization is located.
<code>--country -y</code>	Specify a two-character abbreviation of your country's name (in ISO format). For example, the country code for the United States is <code>US</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want create the certificate. The configuration name is added to the Certificate Signing Request (CSR) text.
<code>--token -t</code>	Specify the token (cryptographic device) name, which contains the encrypted public key.
<code>--server-name -s</code>	Specify the name of the server for which you are requesting a certificate from the Certificate Authority (CA). You should have a trust database created for this server.

Examples `wadm create-cert-request --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --server-name=servername.org
--org=sun --country=AB --state=DEF --locality=XYZ --token=internal`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [install-cert\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

Name create-cgi-dir – creates a CGI directory

Synopsis **create-cgi-dir** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 [--shell-cgi|-S *boolean*] --config|-c *name* --vs|-s *name*
 --uri-prefix|-r *prefix* --directory|-d *dir*

Description Use this command to create a common gateway interface (CGI) directory that will contain the CGI programs. CGI programs are in file type .cgi, .exe, or .bat.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--shell-cgi -S	Specify this option if the CGI directory will have shell CGI programs.
--uri-prefix -r	Specify the URL prefix to use for the CGI directory. This prefix appears as the directory for the CGI programs in the URL.
--directory -d	Specify the path of the directory that contains the CGI programs.
--config -c	Specify the name of the configuration for which you want to create the CGI directory.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.

Examples wadm **create-cgi-dir** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
 --uri-prefix=/config1_urlprefix --directory=/cgi-dir

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#), [set-cgi-prop\(1\)](#), [get-cgi-prop\(1\)](#)

Name create-cgi-envvar – creates CGI environment variables

Synopsis **create-cgi-envvar** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c *name* (*varname=value*)+

Description Use this command to create a common gateway interface (CGI) environment variable.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the CGI environment variables.

Operands *varname=value* Specify the name and value of the CGI environment variable that you want to create.

Examples wadm **create-cgi-envvar** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 TIMEOUT=20

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-cgi-envvar\(1\)](#), [list-cgi-envvars\(1\)](#), [create-cgi-dir\(1\)](#), [set-cgi-prop\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

Name create-config – creates a new configuration

Synopsis **create-config** <connect_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] [--document-root|-d *serverdocroot*] [--jdk-home|-j *JAVA_HOME*] [--server-user|-r *userid*] [--ip|-I *ip*] [--platform|-m 32|64] [--http-port|-t *port*] --server-name|-s *servername config-name*

Description Use this command to create a new configuration. A configuration is a set of files and virtual servers that determine the data that Web Server serves. This command creates the new server configuration at *install_dir/admin-server/config-store*.

Caution – Do not edit any file under the config-store directory. The files under this directory are created by Sun Java System Web Server for internal use.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--document-root -d	Enter a valid document root where all deployed web applications maintain their directories. The default value is ../docs.
--jdk-home -j	Specify the path of the JDK home.
--ip -I	Specify the IP for the default listener.
--platform -m	Specify the platform type that you want to install. The value can be 32 or 64. The default value is 32.
--server-user -r	Specify the user ID of a server user. For example, <i>root</i> . This option is mandatory if the administration server is on UNIX.
--http-port -t	Specify the port for the default listener.
--server-name -s	Specify the name of the default server. The server name can be the host name or a URL prefix.

Operands *config-name* Specify the name of the configuration you want to create.

Examples `wadm create-config --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --http-port=18002 --server-user=user config1`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [delete-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

Name `create-custom-resource` – creates a custom resource

Synopsis `create-custom-resource <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] --res-type|-r type --factory-class|-f name --config|-c name jndi-name`

Description Use this command to create a custom resource. A custom resource accesses a local Java Naming and Directory Interface (JNDI) repository. The `custom-resource` element defined in `server.xml` enables you to specify a custom server-wide resource object factory. Such object factories implement the `javax.naming.spi.ObjectFactory` interface. The `custom-resource` element associates a JNDI name (specified through the `jndi-name` subelement) to be used in the server-wide namespace, its type, name of the resource factory class and a set of standard properties used to instantiate the same.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--no-enabled -n</code>	Specify this option to disable the custom resource at runtime.
<code>--res-type -r</code>	Specify the type of custom resource you want create.
<code>--factory-class -f</code>	Specify the class that instantiates the custom resource you create. The value of this option is the name of a user-written factory class that implements <code>javax.naming.spi.ObjectFactory</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want to create a custom resource.

Operands `jndi-name` Specify the JNDI name of the custom resource you want to create.

Examples `wadm create-custom-resource --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --res-type=samples.jndi.customResource.MyBean --factory-class=samples.jndi.customResource.MyCustomConnectionFactory custom`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#),
[list-custom-resource-userprops\(1\)](#), [set-custom-resource-prop\(1\)](#),
[delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

Name create-custom-resource-userprop – creates a custom resource property

Synopsis **create-custom-resource-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-j resourcename (propertyname=value)+

Description Use this command to create custom resource properties. A custom resource accesses a local Java Naming and Directory Interface (JNDI) repository.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the custom resource property.
--jndi-name -j	Specify the JNDI name of the custom resource.

Operands *propertyname=value* Specify the name and value of the custom resource property that you want to create.

Examples wadm **create-custom-resource-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=custom info=test**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#)

Name create-dav-collection – creates DAV collections

Synopsis **create-dav-collection** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--provider|-o *type*] [--lock-db-path|-l *name*] [--lock-db-update-interval|-k *interval*] [--property-db-update-interval|-T *time*] [--property-db-max-size|-d *size*] [--min-lock-timeout|-m *time*] [--max-xml-request-body-size|-x *time*] [--max-propfind-depth|-D *depth*] [--max-report-response-elements|-a *size*] [--max-expand-property-depth|-E *depth*] [--auth-auth-db-name|-A *name*] [--auth-prompt|-P *text*] [--auth-method|-M *basic/digest/ssl*] [--acl-db-max-entries|-b *max-aces*] [--acl-db-update-interval|-L *seconds*] [--acl-db-max-size|-z *size*] [--no-enabled|-n] [--source-uri|-S *uri*] [--vs|-s *name* --uri|-r *uri* --config|c *name*]

Description Use this command to create a DAV (Distributed Authoring and Versioning) collection. A DAV collection is a resource or set of resources that are enabled for WebDAV operation. WebDAV operation includes web publishing and collaborative authoring, namespace management, and metadata management.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--source-uri -S	Specify the URI that DAV clients can use to access the source code of the content.
--no-enabled -n	If you specify this option, this DAV collection is disabled at runtime.
--provider -o	Specify the name of the provider that manages this collection.
--lock-db-path -l	Specify the directory where the DAV lock database is stored.
--lock-db-update-interval -k	Specify the interval (in seconds) at which the DAV lock information is written to the disk.

<code>--min-lock-timeout -m</code>	Specify the minimum expiration time (in seconds) for DAV locks.
<code>--property-db-update-interval</code> <code>-T</code>	Specify the interval (in seconds) at which the WebDAV file properties are written to the disk.
<code>--property-db-max-size -d</code>	Specify the maximum size (in bytes) of the WebDAV file property database files.
<code>--max-xml-request-body-size</code> <code>-x</code>	Specify the maximum size (in bytes) allowed for WebDAV XML request bodies.
<code>--max-propfind-depth -D</code>	Specify the maximum depth of the PROPFIND requests sent to collections.
<code>--max-report-response-elements</code> <code>-a</code>	Specify the maximum size (in bytes) allowed for the WebDAV report response.
<code>--max-expand-property-depth</code> <code>-E</code>	Specify the maximum depth allowed for WebDAV expand property report responses.
<code>--auth-auth-db-name -A</code>	Specify the name of the authentication database.
<code>--auth-prompt -P</code>	Specify an authentication prompt.
<code>--auth-method -M</code>	Specify an authentication method. The method can be <code>basic</code> , <code>digest</code> , or <code>ssl</code> .
<code>--acl-db-max-entries -b</code>	Specify the maximum entries that can exist in the access control list (ACL) database.
<code>--acl-db-update-interval -L</code>	Specify the interval (in seconds) at which the Access Control List (ACL) database will be updated.
<code>--acl-db-max-size -z</code>	Specify the maximum size of the Access Control List (ACL) database.
<code>--config -c</code>	Specify the name of the configuration for which you want to create a DAV collection.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri -r</code>	Specify the URI through which the content is accessed.

Examples `wadm create-dav-collection --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri=/dav_config1 --source-uri=/dav_config1`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [get-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#),
[set-dav-collection-prop\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#),
[disable-dav-collection\(1\)](#)

Name create-document-dir – creates a document directory

Synopsis `create-document-dir <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --uri-prefix|-r string --directory|-d path --vs|-s name --config|-c name`

Description Use this command to create a document directory. The primary document directory, also called the document root, is the central directory where you store all the files you want to make available to remote clients. You can create a document directory, which is in addition to the primary document directory. By doing this, you can let others manage a group of documents without giving them access to your primary document root.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-prefix -r</code>	Specify the URI prefix that has to be mapped to a directory.
<code>--directory -d</code>	Specify the path to the directory that will store the documents.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration for which you want to create the document directory.

Examples `wadm create-document-dir --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/config1_uri --directory=./docs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [list-document-dirs\(1\)](#), [delete-document-dir\(1\)](#)

Name create-event – creates a new event

Synopsis **create-event** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
[- -time|-t *hh:mm*] [- -month|-m *1-12*]
[- -day-of-week|-k *sun/mon/tue/wed/thu/fri/sat*] [- -day-of-month|-d *1-31*]
[- -interval|-r *60-86400(seconds)*] [- -no-enabled|-n] --config|-c *name*
--command|-C *restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline*

Description Use this command to create a new event. Instances can be reconfigured or restarted based on scheduled events. You can set a specific time and interval for scheduling automatic instance reconfiguration.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--time -t	Specify a time when this event is scheduled.
--day-of-month -d	Specify the day of the month when this event is scheduled. The range of values is 1–31.
--day-of-week -k	Specify the day of the week when this event is scheduled. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--interval -r	Specify the time interval (in seconds) at which this event will occur. The range of values is 60–86400.
--no-enabled -n	Specify this option to disable the event at runtime.
--month -m	Specify the month when this event is scheduled. The range of values is 1 to 12.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.
--config -c	Specify the name of the configuration for which you want to create the event.

Examples `wadm create-event --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --time=10:10
--command=restart`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-event\(1\)](#), [list-events\(1\)](#), [disable-event\(1\)](#), [enable-event\(1\)](#)

Name create-external-jndi-resource – creates an external JNDI resource

Synopsis **create-external-jndi-resource** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--description|-D *text*] --external-jndi-name|-j *name* --res-type|-r *type* --factory-class|-f *name* --config|-c *name jndi-name*

Description Use this command to create an external Java Naming and Directory Interface (JNDI) resource. Applications running on Sun Java System Web Server require access to resources stored in an external JNDI repository. For example, generic Java objects could be stored in an LDAP server as per the Java schema. While a custom resource allows you to access a local JNDI repository, you must use an external JNDI resource to access an external JNDI repository. An external JNDI factory must implement the `javax.naming.spi.InitialContextFactory` interface.

Options For `connect_options` description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable the external JNDI resource at runtime.
--description -D	Enter a description of the external JNDI resource.
--external-jndi-name -j	Specify the external JNDI lookup name.
--res-type -r	Specify the type of the external JNDI resource.
--factory-class -f	Specify the name of the user-written factory class that implements <code>javax.naming.spi.InitialContextFactory</code> .
--config -c	Specify the name of the configuration for which you want to create an external JNDI resource.

Operands *jndi-name* Specify the name of the external JNDI resource that you want to create.

Examples `wadm create-external-jndi-resource --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1`

```
--res-type=org.apache.naming.resources.Resource  
--factory-class=samples.jndi.externalResource.MyExternalConnectionFactory  
--external-jndi-name=index.html external-jndi
```

Exit Status The following exit values are returned:

```
0          command executed successfully  
>0        error in executing the command
```

See Also [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#),
[delete-external-jndi-resource-userprop\(1\)](#),
[list-external-jndi-resource-userprops\(1\)](#), [set-external-jndi-resource-prop\(1\)](#),
[delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#),
[list-external-jndi-resources\(1\)](#)

Name create-external-jndi-resource-userprop – creates external JNDI resource properties

Synopsis **create-external-jndi-resource-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --jndi-name|-j *resourcename (propertyname=value)+*

Description Use this command to create an external Java Naming and Directory Interface (JNDI) resource property.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the external JNDI resource property.
--jndi-name -j	Specify the name of the external JNDI resource.

Operands *propertyname=value* Specify the name and value of the external JNDI resource property that you want to create.

Examples wadm **create-external-jndi-resource-userprop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=ejb/SimpleConverter java.naming.provider.url=ejburl

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [list-external-jndi-resources\(1\)](#)

Name create-file-authdb – creates authentication database of type file

Synopsis **create-file-authdb** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--syntax|-t keyfile|digestfile] [--no-enabled|-n] --path|-P filepath --config|-c name authdb-name

Description Use this command to create a new authentication database of type file. The authentication database of type file stores user and group information in flat files.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server. If you specify this option, the authentication database is created at the virtual-server level instead of the configuration level.
--no-enabled -n	Specify this option to disable the authentication database at runtime.
--syntax -t	Specify the syntax of the file. The value can be keyfile or digestfile. The default value is keyfile. keyfile — A keyfile is a text file that contains the user password. It also contains the name of the group to which the user belongs. digestfile — A digestfile stores the user and group information based on the encrypted username and password. The digestfile format supports both digest and basic authentication methods.
--path -P	Specify the location of the authentication database file.
--config -c	Specify the name of the configuration for which you want to create the authentication database.

Operands *authdb-name* Specify the name of the authentication database that you want to create.

Examples `wadm create-file-authdb --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --path=./authdb keyfile1`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-ldap-authdb\(1\)](#), [create-pam-authdb\(1\)](#), [create-authdb\(1\)](#),
[set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#),
[create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name create-group – creates a new user group

Synopsis **create-group** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uid|-U user1, user2...] [--vs|-s name] [--org-unit|-o orgunit] [--description|-D text] --config|-c name --authdb|-a name group-id

Description Use this command to create a new user group. A user group entry contains information such as user accounts, access privileges, organization units, and other user group specific details.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uid -U	Enter the ID of the user.
--description -D	Enter a description for the group.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Enter a description of an organizational unit within your company to which this group belongs.
--config -c	Specify the name of the configuration for which you want to create the user group.
--authdb -a	Specify the name of the authentication database that will store the group information.

Operands *group-id* Specify the ID of the user group you want to create.

Examples `wadm create-group --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --uid=user1 --config=config1 --authdb=keyfile group1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-group\(1\)](#), [list-groups\(1\)](#)

Name create-group-member – creates a new group member

Synopsis **create-group-member** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--org-unit|-o *orgunit*] [--vs|-s *name*] --authdb|-a *name* --group|-g *group-id* --config|-c *name (uid)+*

Description Use this command to create a new group member.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--org-unit -o	Enter a description of an organizational unit within your company to which this group member belongs.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--authdb -a	Specify the authentication database that stores the group information.
--group -g	Specify the ID of the group.
--config -c	Specify the name of the configuration for which you want create group member.

Operands *uid* Specify the ID of the group member.

Examples wadm create-group-member --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=LDAP1 --group=group1 user1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-group-member\(1\)](#), [list-group-members\(1\)](#)

Name create-http-listener – creates HTTP listener socket

Synopsis **create-http-listener** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--ip|-I address] [--acceptor-threads|-a count] [--blocking-io|-b] [--family|-f name] [--listen-queue-size|-l size] [--receive-buffer-size|-r size] [--send-buffer-size|-B size] [--description|-D text] [--handle-protocol-mismatch|-m] --listener-port|-P number --config|-c name --server-name|-s name --default-virtual-server-name|-d name listener-name

Description Use this command to create a new HTTP listener socket. All virtual servers have an HTTP listener specified. When a new request comes in, Web Server determines which virtual server to send it to based on the configured HTTP listener.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option if you want to disable the HTTP listener at runtime.
--ip -I	Specify the IP address of the host machine. Type '*' to set all available IP addresses.
--acceptor-threads -a	Specify the number of threads dedicated to accept the connections received by this listener. The range of values is 1–128.
--blocking-io -b	If you specify this option, the HTTP listener socket is in the blocking mode.
--family -f	Specify the HTTP protocol family.
--listen-queue-size -l	Specify the size (in bytes) of the operating system listen queue back log. The range of values is 1 - 65536.

<code>--receive-buffer-size -r</code>	Specify the size (in bytes) of the operating system socket receive buffer. The range of values is 1 - 1048576.
<code>--send-buffer-size -B</code>	Specify the size (in bytes) of the operating system socket send buffer. The range of values is 1 - 1048576.
<code>--description -D</code>	Enter a description of the HTTP listener.
<code>--handle-protocol-mismatch -m</code>	If you specify this option, the server responds to SSL or non-SSL protocol mismatches in client requests with an HTTP redirect or SSL alert. The default is <code>true</code> , meaning the server will attempt to detect SSL or non-SSL protocol mismatches and send an HTTP redirect or SSL alert when a mismatch is detected.
<code>--listener-port -P</code>	Specify the port number where the configuration binds to and listens for requests. The range of values is 1–65535.
<code>--config -c</code>	Specify the name of the configuration for which you want to create the new HTTP listener socket.
<code>--server-name -s</code>	Specify the name of the default server.
<code>--default-virtual-server-name -d</code>	Specify the name of the default virtual server that processes requests which do not match a <code>host-pattern</code> .

Operands *listener-name* Specify the name of the HTTP listener that you want to create.

Examples `wadm create-http-listener --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --listener-port=18003 --config=config1
--server-name=config1.com --default-virtual-server-name=vs1 config_ls1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-http-listener-prop\(1\)](#), [list-http-listeners\(1\)](#), [delete-http-listener\(1\)](#), [get-http-listener-prop\(1\)](#)

Name create-instance – creates Web Server instances

Synopsis **create-instance** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c *name* (*nodehost*)+

Description Use this command to create Web Server instances. An instance is created for a given configuration, that is, the created instance will have all the configuration files, web applications and other characteristics of the specified configuration.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the instance.

Operands *nodehost* Specify the name of the node.

Examples wadm **create-instance** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 node1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-instance\(1\)](#), [list-instances\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name `create-jdbc-resource` – creates a JDBC resource with the specified JNDI name

Synopsis `create-jdbc-resource` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q]
 [`--verbose`|-v] [`--min-connections`|-m *count*] [`--max-connections`|-x *count*]
 [`--idle-timeout`|-l *time-in-seconds*] [`--wait-timeout`|-o *time-in-seconds*]
 [`--no-enabled`|-n] [`--isolation-level`|-L *level*]
 [`--isolation-level-guaranteed`|-g]
 [`--connection-validation`|-r *false/auto-commit/meta-data/table*]
 [`--connection-validation-table-name`|-t *name*] [`--fail-all-connections`|-f]
`--config`|-c *name* `--datasource-class`|-d *name* *jndi-name*

Description Use this command to create a new JDBC resource. A JDBC data source is an implementation of a data source in the Java programming language. A data source can be a complex database for a large corporation or as simple as a file with rows and columns.

You can create and manage a JDBC data source through Sun Java System Web Server. The JDBC API provides a set of classes for Java with a standard SQL database access interface to ensure uniform access to a wide range of relational databases. Using JDBC, SQL statements can be sent to virtually any database management system (DBMS). It is used as an interface for both relational and object DBMSs.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--min-connections</code> -m	Specify the minimum number of concurrent connections to be maintained by the database server. The range of values is 1–4096. The default value is 8.
<code>--max-connections</code> -x	Specify the maximum number of concurrent connections to be maintained by the database server. The range of values is 1–4096. The default value is 32.
<code>--idle-timeout</code> -l	Specify the timeout (in seconds) after which an idle connection to the database server closes. The range of values is 0–3600 and –1 for no timeout.

<code>--wait-timeout</code> <code>-o</code>	Specify the timeout (in seconds) after which a caller waiting for an available connection to the database server will receive an error. The range of values is 0.001–3600 and –1 for no timeout.
<code>--no-enabled</code> <code>-n</code>	Specify this option if you want to disable the JDBC resource at runtime.
<code>--isolation-level</code> <code>-L</code>	Specify the transaction isolation level. The accepted values are <code>read-uncommitted</code> , <code>read-committed</code> , <code>repeatable-read</code> , or <code>serializable</code> .
<code>--isolation-level-guaranteed</code> <code>-g</code>	If you specify this option, the server sets the isolation level each time a connection is leased to an application. The default value is <code>false</code> .
<code>--connection-validation</code> <code>-r</code>	Specify this option to indicate whether the server validates a connection before leasing it to an application. The value can be <code>false</code> , <code>auto-commit</code> , <code>meta-data</code> or <code>table</code> .
<code>--connection-validation-table-name</code> <code>-t</code>	Specify the table used when <code>connection-validation-method</code> is <code>table</code> .
<code>--fail-all-connections</code> <code>-f</code>	If you specify this option, all connections are closed and re-established if there is an error while validating an individual connection. The default value is <code>false</code> .
<code>--config</code> <code>-c</code>	Specify the name of the configuration for which you want to create the JDBC resource.
<code>--datasource-class</code> <code>-d</code>	Specify the name of the JDBC drive class.
Operands <code>jndi-name</code>	Specify the JNDI name of the JDBC resource.

Examples `wadm create-jdbc-resource --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--datasource-class=com.pointbase.jdbc.jdbcDataSource jdbc`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name create-jdbc-resource-userprop – creates JDBC resource properties

Synopsis `create-jdbc-resource-userprop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--property-type|-t type] --config|-c name --jndi-name|-j resourcename (propertyname=value)+`

Description Use this command to create JDBC resource properties.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration for which you want to create a JDBC resource property.
<code>--jndi-name -j</code>	Specify the JNDI name of the JDBC resource.
<code>--property-type -t</code>	Specify the type of the JDBC resource property that you want to create. The type can be <code>property</code> , <code>connection-lease-property</code> , or <code>connection-creation-property</code> . The default type is <code>property</code> .

Operands `propertyname=value` Specify the name and value of the JDBC resource property that you want to create.

Examples `wadm create-jdbc-resource-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=jndi1 info=test`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name create-jvm-options – creates JVM options

Synopsis **create-jvm-options** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--profiler|-rprofiler-name] [--debug-options|-d] --config|-c name (jvm_option_name=jvm_option_value)[:jvm_option_name=jvm_option_value]*

Description Use this command to create Java Virtual Machine (JVM) options. You must restart the server for newly created JVM options to take affect.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the JVM options.
--profiler -r	Specify the name of the JVM profiler to which these JVM options apply.
--debug-options -d	If you specify this option, the command creates a JVM option of type debug.

Operands jvm_option_name=jvm_option_value
Specify the name and value of the JVM option that you want to create. The left side of the equal sign (=) is the JVM option name. The right side of the equal sign (=) is the JVM option value. Use a colon (:) as a delimiter for multiple options.

Note – While specifying the JVM options, use hyphens (--) as a delimiter. Else, the JVM options that you define will be interpreted as a CLI option.

Examples wadm **create-jvm-options --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --Dhttp.proxyHost=proxyhost.com -Dhttp.proxyPort=8080**

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [list-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#)

Name create-jvm-profiler – creates JVM profilers

Synopsis **create-jvm-profiler** <*connect_options*> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--class-path|-l *path*] [--native-library-path|-t *path*]
[--no-enabled|-n] --config|-c *name name*

Description Use this command to create a Java Virtual Machine (JVM) profiler. A JVM profiler helps you diagnose and resolve performance problems, memory leaks, multi-threading problems and system resource usage problems in Java applications.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--class-path -l	Provide a valid class path for the profiler.
--native-library-path -t	Specify the path of the native library for the profiler.
--no-enabled -n	Specify this option to disable the JVM profiler at runtime.
--config -c	Specify the name of the configuration for which you want to create the JVM profiler.

Operands *name* Specify the name of the JVM profiler.

Examples wadm create-jvm-profiler --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 jvmprofiler

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#),
[delete-jvm-profiler\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#),
[list-jvm-options\(1\)](#)

Name create-ldap-authdb – creates LDAP authentication databases

Synopsis **create-ldap-authdb** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--auth-expiring-url|-a url] [--vs|-s name] [--bind-dn|-d binddn] [--bind-password|-b bindpw] [--group-search-filter|-o filter] [--search-filter|-f filter] [--group-search-attr|-t attr] [--dc-suffix|-x suffix] [--no-enabled|-n] --ldap-url|-l ldap://server:port/dc=acme,dc=com --config|-c name authdb-name

Description Use this command to create a new authentication database for a LDAP (Lightweight Directory Access Protocol) server. The LDAP database stores the user and group information.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--auth-expiring-url -a	Specify the URL of the expiring authentication.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--bind-dn -d	Specify the name that the Administration Server will use to initially bind (or log in) to the directory server, for example, cn=Directory Manager. Binding determines the permission level you are granted for the duration of a connection. The DN supplied in a bind request can be the DN of an alias entry.
--bind-password -b	Specify the password for authentication. You can also define the bind-password in the password file.
--group-search-filter -o	Specify the search filter to find group memberships for the user.
--search-filter -f	Specify the search filter to find the user.
--group-search-attr -t	Specify the LDAP attribute name that contains group name entries.

<code>--dc-suffix -x</code>	Specify a suffix for the LDAP database.
<code>--no-enabled -n</code>	Specify this option to disable the authorization database at runtime.
<code>--ldap-url -l</code>	Specify the URL of the LDAP authentication database. The type of authentication database is specified in the URL scheme.
<code>--config -c</code>	Specify the name of the configuration for which you want to create the LDAP authentication database.

Operands *authdb-name* Specify the name of the authentication database you want to create.

Examples `wadm create-ldap-authdb --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--location=ldap://ldapsrvr.com:20002/dc=xxx,dc=sun,dc=com
--bind-dn=cn="Directory Manager" LDAP1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name create-lifecycle-module – creates lifecycle modules

Synopsis **create-lifecycle-module** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--load-order|-d order] [--no-failure-fatal|-f] [--class-path|-l path] [--description|-D text] --config|-c name --class|-C class name

Description Use this command to create a lifecycle module. Java Server Lifecycle Modules are Java classes that listen for server lifecycle events to perform certain tasks whenever the server reaches its various life cycle stages.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable the lifecycle module at runtime.
--no-failure-fatal -f	If you specify this option, the server will not treat exceptions thrown during lifecycle module initialization as fatal.
--class-path -l	Specify the class path for the lifecycle module.
--load-order -d	Specify the order in which the lifecycle module is loaded. You can choose a load-order value that is greater than or equal to 100 to avoid conflicts with internal lifecycle modules.
--description -D	Enter a description of the lifecycle module.
--config -c	Specify the name of the configuration for which you want to create the lifecycle module.
--class -C	Specify the name of the class that implements the lifecycle module.
Operands name	Specify the name of the life cycle module that you want to create.

Examples `wadm create-lifecycle-module --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --class=com.sun.ws.tests.
LifecycleClass LifecycleTest`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#),
[get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#),
[create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#),
[list-lifecycle-module-userprops\(1\)](#)

Name create-lifecycle-module-userprop – creates the lifecycle module properties

Synopsis **create-lifecycle-module-userprop** <connect_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --module|-m *name* (*propertyname=value*)+

Description Use this command to create a lifecycle module property.

Options For connect_options description, see [help\(1\)](#).

-echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the lifecycle user properties.
--module -m	Specify the name of the lifecycle module.

Operands *propertyname=value* Specify the name and value of the lifecycle module property that you want to create.

Examples wadm **create-lifecycle-module-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --module=LifecycleTest info=test**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#)

Name create-mail-resource – creates a mail resource

Synopsis **create-mail-resource** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-enabled|-n] [--description|-D *description*] [--config|-c *name jndi-name*]

Description Use this command to create a mail resource. Java mail sessions are J2EE resources that can be created and managed through Sun Java System Web Server. Many internet applications require the ability to send email notifications. J2EE platform includes the JavaMail API along with a JavaMail service provider that allows an application component to send emails.

The JavaMail API has two parts:

- An application-level interface used by the application components to send mail.
- A service provider interface used at the J2EE API level.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify the option to disable the mail resource at runtime.
--description -D	Enter a description for the mail resource being created.
--config -c	Specify the name of the configuration for which you want to create the mail resource.

Operands *jndi-name* Specify the JNDI name of the mail resource.

Examples wadm **create-mail-resource --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 MailResource1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also `help(1)`, `delete-mail-resource(1)`, `set-mail-resource-prop(1)`,
`list-mail-resources(1)`, `get-mail-resource-prop(1)`,
`create-mail-resource-userprop(1)`, `delete-mail-resource-userprop(1)`,
`list-mail-resource-userprops(1)`

Name create-mail-resource-userprop – creates the mail resource user properties

Synopsis **create-mail-resource-userprop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --jndi-name|-j *resourcename* (*propertyname=value*)⁺

Description Use this command to create the mail resource user properties.

Options For *connect_options* description, see [help\(1\)](#).

- | | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> . |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |
| --jndi-name -j | Specify the JNDI name of the mail resource. |

Operands *propertyname=value* Specify the name and value of mail resource user property that you want to create.

Examples wadm **create-mail-resource-userprop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=MailResource1 mail.username mail.smtp.host

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [set-mail-resource-prop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

Name create-mime-type – creates MIME types

Synopsis **create-mime-type** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--category|-y type|enc|lang] --config|-c name --extensions|-x [fileSuffix,...] content-type

Description Use this command to create a MIME (Multi-purpose Internet Mail Extension) type. MIME types determine the various types of multimedia files that your mail system supports.

You need not create a separate MIME types file for each virtual server. Instead, you can create as many MIME types files as you require and associate them with a virtual server. By default, one MIME types file (*mime.types*) exists on the server and cannot be deleted.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--vs|-s Specify the name of the virtual server.

--category|-y Specify the category of the MIME types. The value can be type, enc, or lang.

--config|-c Specify the name of the configuration for which you want to create the MIME type.

--extensions|-x Specify the file extension for the MIME value. To define multiple file extensions, separate them by a comma (.). For example, for text and HTML MIME value, the file extension is txt,html.

Operands *content-type* Specify the content type of the MIME types.

Examples wadm create-mime-type --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --extensions=sxc application/sxc

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [delete-mime-type\(1\)](#), [list-mime-types\(1\)](#)

Name create-pam-authdb – creates a new authentication database of type PAM.

Synopsis **create-pam-authdb** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--no-enabled|-n] --config|-c name authdb-name

Description Use this command to create a new authentication database of type PAM. PAM is the native authentication database supported by Sun Java System Web Server 7.0.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs	
-s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--no-enabled	
-n	Specify this option to disable this authentication database at runtime.
--config	
-c	Specify the name of the configuration for which you want to create the authentication database.

Operands *authdb-name* Specify the name of the authentication database that you want to create.

Examples wadm **create-pam-authdb --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 PAM1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name create-reverse-proxy – creates a reverse proxy

Synopsis **create-reverse-proxy** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r uri --server|-S remote-server-url

Description Use this command to create a reverse proxy. A reverse proxy is a proxy that appears to be a Web Server (origin server) to clients but in reality forwards the requests it receives to one or more origin servers. Because a reverse proxy presents itself as an origin server, clients do not need to be configured to use a reverse proxy.

By configuring a given reverse proxy to forward requests to multiple similarly configured origin servers, a reverse proxy can operate as an application level software load balancer. In a typical deployment, one or more reverse proxies will be deployed between the browsers and the origin servers.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the reverse proxy.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the path of the URI.
--server -S	Specify the remote server URLs. Use comma (,) to define multiple URLs. If you define multiple URLs, the server will distribute the load among the specified servers.

Examples wadm **create-reverse-proxy** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/test/ --server=http://sun.com:8080

Exit Status The following exit values are returned:

0	command executed successfully
---	-------------------------------

>0 error in executing the command

See Also [help\(1\)](#), [delete-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#),
[get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#),
[block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#),
[list-reverse-proxy-headers\(1\)](#)

Name create-search-collection – creates search collections

Synopsis **create-search-collection** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--path|-P *path*] [--display-name|-y *name*] [--no-enabled|-n] [--index-meta-tag|-m *key1, key2, ...*] [--include-extensions|-t *ext1,ext2,..*] [--description|-D *text*] --vs|-s *name* --config|-c *name* --document-root|-d *path* *collection-name*

Description Use this command to create a search collection. Searches require a database of searchable data against which users will search. You can create a collection, which indexes and stores information about documents on the server. Once you index all or some of the documents, information such as title, creation date, and author is available for search.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--no-enabled -n	Specify this option to disable this search collection at runtime.
--displayname -y	Enter a name of the search collection that is displayed to users.
--path -P	Specify the path to the directory system where the search collection metadata is stored.
--description -D	Enter a description of the search collection.
--index-meta-tags -m	Specify document fields that are used for indexing. Use comma (,) to specify multiple fields. For example, subject.
--include-extensions -t	Specify the file extensions of document type to be indexed. The values can be html, htm, txt, and pdf. Use comma (,) to specify multiple extensions.
--document-root -d	Specify the file system root for the searchable documents.
--config -c	Specify the name of the configuration for which you want to create the search collection.

`--vs | -s` Specify the name of the virtual server.

Operands *collection-name* Specify the name of the collection that you want create.

Examples `wadm create-search-collection --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
--path=/search_config1 --document-root=./docs searchcoll`

Exit Status The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

See Also [help\(1\)](#), [set-search-collection-prop\(1\)](#), [delete-search-collection\(1\)](#),
[list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#),
[reindex-search-collection\(1\)](#)

Name create-selfsigned-cert – creates self-signed certificates

Synopsis **create-selfsigned-cert** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--org-unit|-o *unit*] [--state|-a *name*] [--locality|-l *place*] [--token|-t *name*] [--token-pin|-P *pin*] [-validity|-d *num of months*] [--org|-g *org*] [--country|-y *name*] [--key-type|-k (*rsa|ecc*)] [--key-size|-z *size*] [--curve|-r *curvename*] --config|-c *name* --server-name|-s *name* --nickname|-n *nickname*

Description Use this command to create a new self-signed certificate request.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--token -t	Specify the token (cryptographic device) name, which contains the encrypted public key.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--org-unit -o	Enter a description of an organizational unit within your company.
--locality -l	Enter a description of the city, principality, or country of the organization.
--state -a	Specify the state or province where the business is located.
--validity -d	Specify the validity of the certificate. The value can be in months.
--org -g	Enter the official name of your company, educational institution, or organization.
--country -y	Enter a two-character abbreviation of your country's name (in ISO format). For example, the country code for the United States is US.

<code>--key-type -k</code>	Specify the type of the certificate key. The key types can be <code>rsa</code> or <code>ecc</code> .
<code>--key-size -z</code>	Specify the size of certificate key. This option is applicable if you specify the the key - type as <code>rsa</code> . The key size can be <code>1024</code> , <code>2048</code> or <code>4098</code> .
<code>--curve -r</code>	Specify the name of key curve. This option is applicable if you specify the key - type as <code>ecc</code> .
<code>--config -c</code>	Specify the name of the configuration for which you want to create the certificate.
<code>--server-name -s</code>	Specify the name of the server for which you are requesting a certificate from the Certificate Authority (CA). You must have a trust database for this server.
<code>--nickname -n</code>	Enter a nick name of the certificate that you want to create.

Examples `wadm create-selfsigned-cert --user=admin --port=8989
--password-file=admin.pwd --config=config1 --token=internal
--org-unit=org1 --locality=XYZ --state=DEF --validity=10
--org=sun --country=ABC --server-name=serverhost --nickname=cert1`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [install-cert\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

Name create-soap-auth-provider – creates SOAP authentication provider

Synopsis **create-soap-auth-provider** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--request-policy-auth-source|-r *auth_src*] [--request-policy-auth-recipient|-q *auth_recipient*] [--response-policy-auth-source|-S *auth_source*] [--response-policy-auth-recipient|-o *auth_recipient*] --class|-C *provider_class* --config|-c *name provider_name*

Description Use this command to create a SOAP (Simple Object Access Protocol) authentication provider.

Options For connect_options description, see [help\(1\)](#).

- | | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --request-policy-auth-source
-r | Specify the type of source authentication. This option defines a requirement for the message layer sender authentication. The type of authentication can be <i>sender</i> authentication such as username/password or <i>content</i> authentication such as digital signature. If you do not specify this option, source authentication of the request is not required. |
| --request-policy-auth-recipient
-q | Specify the type of recipient authentication. This option defines a requirement for message layer authentication for the receiver of a message, for example, by XML encryption. The value can be <i>before-content</i> or <i>after-content</i> . |
| --response-policy-auth-source
-S | This option defines a requirement for message layer sender authentication such as username/password or content authentication such as digital signature to be applied to response messages. The type of authentication can be <i>sender</i> or <i>content</i> . If you do not specify this option, source authentication of the response is not required. |

`--response-policy-auth-recipient`
`-o` This option defines a requirement for message layer authentication of the receiver of the response message to its sender, for example, by XML encryption.

`--config|-c` Specify the name of the configuration for which you want to create the SOAP authentication provider.

`--class|-C` Specify the class that implements the provider. The value of this option is a class name that implements `javax.security.auth.XXX`.

Operands *provider_name* Specify the name of the SOAP authentication provider.

Examples `wadm create-soap-auth-provider --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1`
`--class=javax.security.auth.soapauthprovider soap-auth`

Exit Status The following exit values are returned:

`0` command executed successfully
`>0` error in executing the command

See Also [help\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [list-soap-auth-providers\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#)

Name create-soap-auth-provider-userprop – creates SOAP authentication provider properties

Synopsis **create-soap-auth-provider-userprop** <*connect_options*> [--echo|-e]
 [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --provider|-o *name*
 (*propertyname=value*)+

Description Use this command to create the SOAP (Simple Object Access Protocol) authentication provider properties.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to create the SOAP authentication properties.
--provider -o	Specify the name of the SOAP authentication provider.

Operands *propertyname=value* Specify the name and value of the SOAP authentication provider property that you want to create.

Examples wadm **create-soap-auth-provider-userprop --user=admin**
--password-file=admin.pwd --host=serverhost --port=8989
--config=config1 --provider=soap-auth info=test

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#),
[list-soap-auth-provider-userprops\(1\)](#), [create-soap-auth-provider\(1\)](#),
[set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#),
[delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#)

Name create-url-redirect – creates a forwarding URL

Synopsis **create-url-redirect** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--fixed-url|-f] --vs|-s *name* --uri-prefix|-r *url* --target-url|-t *url* --config|-c *name*

Description Use this command to create a forwarding URL. URL redirection allows you to redirect document requests for one HTTP URL to another. Web Server uses the URL redirection method to inform users that a URL has changed (for example, if you have moved files to another directory or server).

Sometimes you may want to redirect requests for all documents in a sub directory to a new URL. For example, if you remove a directory because it was causing too much traffic or because the documents will no longer be served, you can redirect a request for any one of the documents to a page explaining why the documents were no longer available. For example, a prefix on `./info/products` could be redirected to `http://www.new.com/explain.html`.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration for which you want to create a forwarding URL.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the URL prefix you want to redirect.
<code>--target-url -t</code>	Specify the target URL to which the requests should be redirected.
<code>--fixed-url -f</code>	Specify this option if the destination URL is a fixed URL. Fixed URLs are static URLs like a link to a HTML page. Non-fixed URLs are dynamic URLs with request parameters or URLs with prefixes. By default, this option is set to false.

Examples `wadm create-url-redirect --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1`

--uri-prefix=/redirect --target-url=http://www.cnet.com

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [get-url-redirect-prop\(1\)](#), [delete-url-redirect\(1\)](#), [list-url-redirects\(1\)](#)

Name create-user – creates new users

Synopsis **create-user** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--org-unit|-o orgunit] [--first-name|-f name] [--full-name|-F name] [--last-name|-n name] [--user-password|-W] [--email|-m address] [--phone|-t usercontact] [--title|-i title] [--realm|-l name] --config|-c name --authdb|-a name userid

Description Use this command to create a new Web Server user. A user entry contains information about an individual user such as, user accounts, access privileges, organization units, and other user specific information.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--first-name -f	Specify the first name of the user.
--full-name -F	Specify the full name of the user.
--last-name -n	Specify the surname or last name of the user.
--user-password -W	Specify the password for the user being created. You can also define the user-password in the password file.
--email -m	Specify the email address of the user.
--phone -t	Specify the contact number of the user.
--title -i	Specify the title of the user.
--org-unit -o	Enter a description of an organizational unit within your company to which this user belongs.
--realm -l	Specify the realm that authenticates this user.

`--config|-c` Specify the name of the configuration for which you want to create the user.

`--authdb|-a` Specify the authentication database that will store the user information.

Operands *userid* Specify a unique ID of the user being created.

Examples `wadm create-user --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--authdb=keyfile1 newuser`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-user-prop\(1\)](#), [delete-user\(1\)](#), [get-user-prop\(1\)](#), [list-users\(1\)](#)

Name create-virtual-server – creates a new virtual server

Synopsis **create-virtual-server** <connect_options> [--echo|-e] [--no-prompt|-Q]
 [--verbose|-v] [--http-listener|-l *lsid*,[*lsid*]*]
 [--host-pattern|-t *pattern1*, *pattern2* ...]
 [--canonical-server-name|-n *hostname*] [--log-file|-f *path*]
 --document-root|-d *path* --config|-c *name* *virtual-server-name*

Description Use this command to create a new virtual server. The settings for virtual servers are stored in the `server.xml` file in the `server_root/server_ID/config` directory. All virtual servers have an HTTP listener specified. When a new request comes in, the Web Server determines which virtual server to send it to based on the configured HTTP listener.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
--verbose -v	Specify this option to display a verbose output.
--http-listener -l	Specify the name of an HTTP listener associated with one or more of the virtual server's host names.
--host-pattern -t	Define a list of hosts to be added to the new virtual server. To specify multiple URLs, separate them by a comma (,).
--canonical-server-name -n	Specify a canonical host name of the virtual server. Requests that use a different host name will be redirected to this host name.
--log-file -f	Specify a log file for the ACL file that controls access to the virtual server.
--document-root -d	Specify the document root for the virtual server.
--config -c	Specify the configuration where you want to create a new virtual server.

Operands *virtual-server-name* Specify the name of the virtual server.

Examples `wadm create-virtual-server --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--document-root=./docs config1_vs_1`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [set-virtual-server-prop\(1\)](#), [delete-virtual-server\(1\)](#),
[get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#),
[create-http-listener\(1\)](#), [create-config\(1\)](#)

Name delete-acl – deletes access control lists

Synopsis `delete-acl <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name (aclname)+`

Description Use this command to delete access control list (ACL).

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--vs -s</code>	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration for which the stored access control lists are to be deleted.

Operands *aclname* Specify the name of the ACL that you want to delete.

Examples `wadm delete-acl --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 default`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-acl\(1\)](#), [get-acl\(1\)](#), [list-acls\(1\)](#)

Name delete-authdb – deletes an authentication database

Synopsis **delete-authdb** [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *name*]
--config|-c *name authdb-name*

Description Use this command to delete an authentication database.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual Web Server that resides within the same physical location of the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which the authentication database is being deleted.

Operands *authdb-name* Specify the name of the authentication database.

Examples wadm **delete-authdb** --user=admin --password-file=admin.pwd
--host=serverhost--port=8989 --config=config1 keyfile1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name delete-authdb-userprop – deletes the authentication database user properties

Synopsis `delete-authdb-userprop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name --authdb|-a dbname (propertyname)+`

Description Use this command to delete the authentication database user properties.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--vs -s</code>	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--config -c</code>	Specify the name of the configuration.
<code>--authdb -a</code>	Specify the name of the authentication database.

Operands *propertyname* Specify the name of the authentication database user property that you want to delete.

Examples `wadm delete-authdb-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=KEYFILE1 info=test`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [list-authdb\(1\)](#), [delete-authdb\(1\)](#), [create-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name delete-auth-realm – deletes an authentication realm

Synopsis `delete-auth-realm <connect_options> [- -echo | -e] [- -no-prompt | -Q] [- -verbose | -v] [- -config | -c name realm-name]`

Description Use this command to delete an authentication realm.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

Operands *realm-name* Specify the name of the authentication realm that you want to delete.

Examples `wadm delete-auth-realm --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 basic`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-auth-realm\(1\)](#), [set-auth-realm-prop\(1\)](#), [get-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

Name delete-auth-realm-userprop – deletes the authentication realm user properties

Synopsis **delete-auth-realm-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --realm|-l *name* (*propertyname*)+

Description Use this command to delete an authentication realm user property.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--realm -l	Specify the name of the authentication realm.

Operands *propertyname* Specify the name of the authentication realm user property that you want to delete.

Examples wadm **delete-auth-realm-userprop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --realm=basic info

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#)

Name delete-cert – deletes a certificate

Synopsis **delete-cert** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--force|-f] [--token|-t *name*] [--token-pin|-P *name*] --config|-c *name* *nickname*

Description Use this command to delete a certificate.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option to enable a forced deletion of a certificate.
--token -t	Specify the token (cryptographic device) name, which contains the encrypted public key.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
--config -c	Specify the name of the configuration for which you are deleting the certificate.

Operands *nickname* Specify the short name or the nick name of the certificate you want to delete.

Examples `wadm delete-cert --user=admin --port=8989 --password-file=admin.pwd --token=internal --config=config1 cert1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [install-cert\(1\)](#), [get-cert-prop\(1\)](#)

Name delete-cgi-dir – deletes a CGI directory

Synopsis `delete-cgi-dir <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r prefix`

Description Use this command to delete a common gateway interface (CGI) directory.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration for which the CGI directory is being deleted.
<code>--vs -s</code>	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--uri-prefix -r</code>	Specify the name of the URL prefix to use for the CGI directory. This prefix appears as the directory for the CGI programs in URLs.

Examples `wadm delete-cgi-dir --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/config1_urlprefix`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

Name delete-cgi-envvar – deletes a CGI environment variable

Synopsis **delete-cgi-envvar** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
- -config|-c *name (varname)+*

Description Use this command to delete a common gateway interface (CGI) environment variable.

Options For connect_options description, see [help\(1\)](#).

- -echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- -no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.
- -verbose -v	Specify this option to display a verbose output.
- -config -c	Specify the name of the configuration for which the CGI environment variable that is being deleted.

Operands *varname* Specify the name of the CGI environment variable being deleted.

Examples wadm **delete-cgi-envvar** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 PATH

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-cgi-envvar\(1\)](#), [list-cgi-envvars\(1\)](#)

Name delete-config – deletes an existing configuration

Synopsis **delete-config** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
config-name

Description Use this command to delete a configuration. Configuration with the specified name will be deleted from *install-dir/admin-server/config-store*. You can delete a configuration only if the configuration has no server instances referring to it.

Caution – Do not edit any file under the *config-store* directory. The files under this directory are created by Sun Java System Web Server for internal use.

Options For connect_options description, see [help\(1\)](#).

- -echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

- -no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.

- -verbose|-v Specify this option to display a verbose output.

Operands *config-name* Specify the name of the configuration you want to delete.

Examples wadm **delete-config** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 config1

Exit Status The following exit values are returned:

0 command executed successfully
 >0 error in executing the command

See Also [help\(1\)](#), [create-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

Name delete-crl – deletes a CRL

Synopsis `delete-crl <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name issuername`

Description Use this command to delete a CRL (certificate revocation list).

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration from which the CRL is being deleted.

Operands *issuername* Specify the name of the CRL issuer.

Examples `wadm delete-crl --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 issuer1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [install-crl\(1\)](#), [list-crls\(1\)](#), [get-crl-prop\(1\)](#)

Name delete-custom-resource – deletes a custom resource

Synopsis **delete-custom-resource** <*connect_options*> [- -echo| -e] [- -no-prompt| -Q]
 [- -verbose| -v] --config| -c *name resource-name*

Description Use this command to delete a custom resource.

Options For *connect_options* description, see [help\(1\)](#).

- -echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- -no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file <i>connect_option</i> .
- -verbose -v	Specify this option to display a verbose output.
- -config -c	Specify the name of the configuration.

Operands *resource-name* Specify the name of the custom resource that you want to delete.

Examples wadm **delete-custom-resource** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 customresource1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

Name delete-custom-resource-userprop – deletes a custom resource property

Synopsis **delete-custom-resource-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --jndi-name|-j *resourcename* (*propertyname*)+

Description Use this command to delete a custom resource property.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the JNDI name of the custom resource.

Operands *propertyname* Specify the name of the custom resource property that you want to delete.

Examples wadm **delete-custom-resource-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=custom test**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

Name delete-dav-collection – deletes DAV collections

Synopsis **delete-dav-collection** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --uri|-r uri --vs|-s name

Description Use this command to delete a DAV collection.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--uri -r	Specify the URI through which the content is accessed.
--vs -s	Specify the name of the virtual server where the WebDAV collection exists.

Examples wadm **delete-dav-collection --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --uri=/dav_config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

Name delete-document-dir – deletes a document directory

Synopsis **delete-document-dir** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r string

Description Use this command to delete a document directory.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration where the document directory exists.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix that has to be mapped to a directory.

Examples wadm **delete-document-dir** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs1
--uri-prefix=/config1_uri

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-document-dir\(1\)](#), [list-document-dirs\(1\)](#)

Name delete-error-page – deletes error pages

Synopsis `delete-error-page <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c name --vs|-s name --code|-d errorcode`

Description Use this command to delete an error page.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--code -d</code>	Specify the error code.

Examples `wadm delete-error-page --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --code=500`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-error-page\(1\)](#), [get-error-page\(1\)](#), [list-error-pages\(1\)](#)

Name delete-event – deletes an existing event

Synopsis **delete-event** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--time|-t *hh:mm*] [--month|-m *1-12*] [--day-of-month|-d *1-31*] [--day-of-week|-k *sun/mon/tue/wed/thu/fri/sat*] [--interval|-r *60-86400(seconds)*] --config|-c *name* --command|-C *restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline*

Description Use this command to delete a scheduled event.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--time -t	Specify the the time scheduled to perform the specified action.
--day-of-month -d	Specify the day of the month when this event is scheduled. The range of values is 1–31.
--day-of-week -k	Specify the day of the week when this event is scheduled. The values can be Sun, Mon, Tue, Wed, Thu, Fri or Sat.
--interval -r	Specify the time interval (in seconds) at which this event will occur. The range of values is 60–86400.
--month -m	Specify the name of the month. The range of values is 1–12.
--config -c	Specify the name of the configuration.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

Examples wadm **delete-event** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --time=10:10 --command=restart

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-event\(1\)](#), [list-events\(1\)](#), [disable-event\(1\)](#), [enable-event\(1\)](#)

Name delete-external-jndi-resource – deletes an external JNDI resource

Synopsis **delete-external-jndi-resource** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name jndi-name*

Description Use this command to delete an external Java Naming and Directory Interface (JNDI) resource.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *jndi-name* Specify the name of the external JNDI resource that you want to delete.

Examples wadm **delete-external-jndi-resource --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 external-jndi**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [get-external-jndi-resource-prop\(1\)](#)

Name delete-external-jndi-resource-userprop – deletes an external JNDI resource property

Synopsis **delete-external-jndi-resource-userprop** <connect_options> [- -echo| -e] [- -no-prompt| -Q] [- -verbose| -v] - -config| -c *name* - -jndi-name| -j *resourcename (name)+*

Description Use this command to delete an external Java Naming and Directory Interface (JNDI) resource property.

Options For connect_options description, see [help\(1\)](#).

- -echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- -no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.
- -verbose -v	Specify this option to display a verbose output.
- -config -c	Specify the name of the configuration.
- -jndi-name -j	Specify the name of the external JNDI resource.

Operands *name* Specify the name of the external JNDI resource property that you want to delete.

Examples wadm **delete-external-jndi-resource-userprop** - -user=admin - -password-file=admin.pwd - -host=serverhost - -port=8989 - -config=config1 - -jndi-name=external-jndi newprop

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [list-external-jndi-resource-userprops\(1\)](#)

Name delete-group – deletes user groups

Synopsis **delete-group** <connect_options> [- --echo|-e] [- --no-prompt|-Q] [- --verbose|-v] [- --vs|-s name] [- --org-unit|-o ou] --config|-c name --authdb|-a name group-id

Description Use this command to delete a user group.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Give a description of an organizational unit within your company to which this user belongs.
--authdb -a	Specify the authentication database where the group information is stored.

Operands group-id Specify the ID of the user group that you want to delete.

Examples wadm **delete-group** --user=admin --password-file=admin.pwd --host=serverhost--port=8989 --config=config1 --authdb=LDAP1 group1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-group\(1\)](#), [list-groups\(1\)](#)

Name delete-group-member – deletes group members

Synopsis **delete-group-member** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *name*] [--org-unit|-o *orgunit*] --config|-c *name* --authdb|-a *name* --group|-g *group-id (uid)*+

Description Use this command to delete an existing group member.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the fully functioning virtual Web server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Give a description of an organizational unit within your company to which this group member belongs.
--authdb -a	Specify the authentication database in which the group information is stored.
--group -g	Specify the ID of the group.

Operands *uid* Specify the ID of the group member.

Examples wadm **delete-group-member** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=keyfile --group=group1 user1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-group-member\(1\)](#), [list-group-members\(1\)](#)

Name delete-home-page – deletes the home page

Synopsis **delete-home-page** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name --vs|-s name

Description Use this command to delete the home page.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **delete-home-page** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#),
[get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#),
[get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [get-home-page\(1\)](#),
[get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name delete-http-listener – deletes HTTP listener socket

Synopsis **delete-http-listener** <*connect_options*> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--force|-f] --config|-c *name listener-name*

Description Use this command to delete a HTTP listener socket.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option to enable a forced deletion of the HTTP listener.
--config -c	Specify the name of the configuration where the HTTP listener socket exists.

Operands *listener-name* Specify the name of the HTTP listener that you want to delete.

Examples wadm **delete-http-listener** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 http1s1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-http-listener\(1\)](#), [set-http-listener-prop\(1\)](#), [list-http-listeners\(1\)](#), [get-http-listener-prop\(1\)](#)

Name delete-instance – deletes instance(s)

Synopsis **delete-instance** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--save-logs|-S] --config|-c *name* (*nodehost*)+

Description Use this command to delete instance(s) of the specified configuration and nodes.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--save-logs -S	Specify this option to save the logs while deleting an instance.
--config -c	Specify the name of the configuration that the instance points to.

Operands *nodehost* Specify the name of the node.

Examples wadm **delete-instance** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 node1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name delete-jdbc-resource – deletes JDBC resources

Synopsis **delete-jdbc-resource** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name jndi-name*

Description Use this command to delete a JDBC resource from the named configuration.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *jndi-name* Specify the JNDI name of the JDBC resource.

Examples wadm **delete-jdbc-resource --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 jdbc**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name delete-jdbc-resource-userprop – deletes the JDBC resource properties

Synopsis **delete-jdbc-resource-userprop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--property-type|-t *type*] --config|-c *name* --jndi-name|-j *resourcename* (*propertyname*)+

Description Use this command to delete a JDBC resource property.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--property-type -t	Specify the type of the JDBC resource property. The types of property can be property, connection-lease-property, or connection-creation-property. The default type is property.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the JNDI name of the JDBC resource.

Operands *propertyname* Specify the name of the JDBC resource property that you want to delete.

Examples wadm **delete-jdbc-resource-userprop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=jndi1 info=test

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name delete-jvm-options – deletes JVM options

Synopsis **delete-jvm-options** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--profiler|-r *profiler-name*] [--debug-options|-d] --config|-c *name* (*jvm_option_name=jvm_option_value*):*jvm_option_name=jvm_option_value*]*

Description Use this command to delete the Java Virtual Machine (JVM) options.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--profiler -r	Specify the name of the JVM profiler to which these JVM options apply to.
--debug-options -d	If you specify this option, the JVM options of type debug is deleted.

Operands *jvm_option_name=jvm_option_value*
The left side of the equal sign (=) is the JVM option name. The right side of the equal sign (=) is the JVM option value. A colon (:) is a delimiter for multiple options.

Note – While specifying the JVM options, use hyphens (--) as a delimiter. Else, the JVM options that you define will be interpreted as a CLI option.

Examples `wadm delete-jvm-options --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --Dhttp.proxyHost=proxyhost.com -Dhttp.proxyPort=8080`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

Name delete-jvm-profiler – deletes JVM profilers

Synopsis **delete-jvm-profiler** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name name*

Description Use this command to delete a Java Virtual Machine (JVM) profiler.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *name* Specify the name of the JVM profiler that you want to delete.

Examples wadm **delete-jvm-profiler** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 jvmprofiler

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

Name delete-lifecycle-module – deletes lifecycle modules

Synopsis **delete-lifecycle-module** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name name*

Description Use this command to delete a lifecycle module.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *name* Specify the name of the life cycle module that you want to delete.

Examples wadm **delete-lifecycle-module** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 LifecycleTest

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

Name delete-lifecycle-module-userprop – deletes the lifecycle module properties

Synopsis **delete-lifecycle-module-userprop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --module|-m *name* (*propertyname*)+

Description Use this command to delete a lifecycle module property.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--module -m	Specify the name of the life cycle module.

Operands *propertyname* Specify the name of the lifecycle module property that you want to delete.

Examples wadm **delete-lifecycle-module-userprop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --module=LifecycleTest test**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#)

Name delete-mail-resource – deletes mail resources

Synopsis **delete-mail-resource** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] --config|-c *name jndi-name*

Description Use this command to delete a mail resource.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *jndi-name* Specify the JNDI name of the mail resource.

Examples wadm **delete-mail-resource** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 MailResource

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [set-mail-resource-prop\(1\)](#),
[list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [set-mail-resource-prop\(1\)](#),
[create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#),
[list-mail-resource-userprops\(1\)](#)

Name delete-mail-resource-userprop – deletes the mail resource user properties

Synopsis **delete-mail-resource-userprop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --jndi-name|-j *resourcename* (*propertyname*)+

Description Use this command to delete the mail resource user properties.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the JNDI name of the mail resource.

Operands *propertyname* Specify the name of mail resource user property that you want to delete.

Examples wadm **delete-mail-resource-userprop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=MailResource1 mail.username mail.smtp.host

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [set-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

Name delete-mime-type – deletes MIME types

Synopsis **delete-mime-type** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *name*] [--category|-y *type|enc|lang*] --config|-c *name content-type*

Description Use this command to delete a MIME (Multi-purpose Internet Mail Extension) type.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--vs	
-s	Specify the name of a virtual server.
--category	
-y	Specify the category of the MIME types. The value can be <i>type</i> , <i>enc</i> , or <i>lang</i> .
--config	
-c	Specify the name of the configuration.

Operands *content-type* Specify the content type to be deleted.

Examples wadm **delete-mime-type** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 application/sxc

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-mime-type\(1\)](#), [list-mime-types\(1\)](#)

Name delete-reverse-proxy – deletes a reverse proxy

Synopsis **delete-reverse-proxy** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r uri

Description Use this command to delete a reverse proxy.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the path of the URI.

Examples wadm **delete-reverse-proxy** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/test/

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

Name delete-search-collection – deletes search collections

Synopsis **delete-search-collection** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name collection-name

Description Use this command to delete a search collection.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Operands *collection-name* Specify the name of the search collection that you want to delete.

Examples wadm **delete-search-collection --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 searchcoll**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#), [list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#)

Name delete-soap-auth-provider – deletes SOAP authentication provider

Synopsis **delete-soap-auth-provider** <*connect_options*> [--echo | -e] [--no-prompt | -Q]
[--verbose | -v] --config | -c *name provider_name*

Description Use this command to delete a SOAP authentication provider.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *provider_name* Specify the name of the SOAP authentication provider that you want to delete.

Examples wadm **delete-soap-auth-provider --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 soap-auth**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [list-soap-auth-providers\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#)

Name delete-soap-auth-provider-userprop – deletes the SOAP authentication provider properties

Synopsis **delete-soap-auth-provider-userprop** <connect_options> [--echo|-e]
[--no-prompt|-Q] [--verbose|-v] --config|-c name --provider|-o name
(propertyname)*

Description Use this command to delete a SOAP authentication provider property.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--provider|-o Specify the name of the SOAP authentication provider.

Operands *propertyname* Specify the name of the SOAP authentication provider property that you want to delete.

Examples wadm **delete-soap-auth-provider-userprop --user=admin**
--password-file=admin.pwd --host=serverhost --port=8989 --config=config1
--provider=soap-auth info

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#),
[list-soap-auth-provider-userprops\(1\)](#), [create-soap-auth-provider\(1\)](#),
[set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#),
[delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#)

Name delete-url-redirect – deletes a forwarding URL

Synopsis **delete-url-redirect** <connect_options> [--echo|-e] [--no-prompt|-Q]
 [--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r uriprefix

Description Use this command to delete a forwarding URL.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the URI prefix you want to redirect.

Examples wadm **delete-url-redirect** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
 --uri-prefix=/redirect

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-url-redirect\(1\)](#), [get-url-redirect-prop\(1\)](#), [list-url-redirects\(1\)](#)

Name delete-user – deletes users

Synopsis **delete-user** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 [--vs|-s name] [--org-unit|-o ou] [--realm|-l name] --config|-c name
 --authdb|-a name *userid*

Description Use this command to delete an existing user.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Give a description of an organizational unit within your company to which this user belongs.
--config -c	Specify the name of the configuration.
--authdb -a	Specify the name of the authentication database that stores the user information.
--realm -l	Specify the name of the realm that authenticates this user.

Operands *userid* Specify the ID of the user to be deleted.

Examples wadm **delete-user** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 --authdb=keyfile1 *user1*

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [get-user-prop\(1\)](#), [list-users\(1\)](#)

Name delete-virtual-server – deletes virtual servers

Synopsis **delete-virtual-server** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name virtual-server-name*

Description Use this command to delete a virtual server.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Operands *virtual-server-name* Specify the name of the virtual server that you want to delete.

Examples wadm **delete-virtual-server** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#), [get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#)

Name deploy-config – deploys configuration

Synopsis **deploy-config** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--force|-f] [--restart|-r] [--no-reconfig|-o] *config-name*

Description Use this command to deploy a configuration to the nodes.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--force -f	Specify this option for the command to overwrite any manual changes done to the configuration files in the instance. If you use this option, <ul style="list-style-type: none"> ▪ The instance will be overwritten with the latest version of all the files in the config-store. ▪ Any non-directory deployed web application, that is, any web application deployed with a .war file will lose all its session information, if any. If the --reconfig=false option is given, the session information is not lost but the server instance will not serve the deployed configuration.
--restart -r	Specify this option for the command to restart the instances running in this configuration.
--no-reconfig -o	If you specify this option, the command will not reconfigure a configuration.

Operands *config-name* Specify the name of the configuration you want to deploy.

Examples wadm **deploy-config --user=admin --password-file=admin.pwd --host=serverhost --port=8989 config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also `help(1)`, `create-config(1)`, `list-configs(1)`, `delete-config(1)`, `copy-config(1)`, `pull-config(1)`

Name `disable-access-log` – disables the access log

Synopsis `disable-access-log <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--uri-pattern|-t pattern] --config|-c name`

Description Use this command to disable the access log.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.

Examples `wadm disable-access-log --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-access-log-prop\(1\)](#), [enable-access-log\(1\)](#)

Name disable-ciphers – disables ciphers

Synopsis **disable-ciphers** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--cipher-type|-t ssl2/ssl3tls] --config|-c name --http-listener|-l name (cipher-name)+

Description Use this command to disable SSL ciphers.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--cipher-type -t	Specify the type of supported ciphers. The type can be ssl2 or ssl3tls.
--config -c	Specify the name of the configuration file that contains the metadata to configure the runtime services of the Web Server.
--http-listener -l	Specify the name of the HTTP listener.

Operands *cipher-name* Specify the name of the SSL cipher that you want to disable.

Examples wadm **disable-ciphers** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --http-listener=http-listener-1 --cipher-type=ssl2 SSL_RC4_128_WITH_MD5

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-ciphers\(1\)](#), [set-ssl-prop\(1\)](#), [get-ssl-prop\(1\)](#)

Name disable-dav-collection – disables WebDAV collections

Synopsis **disable-dav-collection** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --uri|-r uri

Description Use this command to disable a WebDAV collection.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server where this WebDAV collection exists.
--uri -r	Specify a URI through which the content is accessed.

Examples wadm **disable-dav-collection --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri=/dav_config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#)

Name disable-directory-listing – disables directory listing

Synopsis **disable-directory-listing** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--error-page|-g *filepath*] --config|-c *name* --vs|-s *name*

Description Use this command to disable directory listing and set an error response file.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--error-page -g	Specify the file to be displayed as a customized error response page.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **disable-directory-listing** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --error-page=error.html --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-directory-listing-prop\(1\)](#), [enable-directory-listing\(1\)](#), [get-default-content-type\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name disable-document-footer – disables document footers

Synopsis **disable-document-footer** <connect_options> [- -echo|-e] [- -no-prompt|-Q]
[- -verbose|-v] [- -uri-pattern|-t *pattern*] --config|-c *name* --vs|-s *name*

Description Use this command to disable document footer.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **disable-document-footer** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-document-footer\(1\)](#), [list-document-footers\(1\)](#), [get-document-footer-prop\(1\)](#)

Name disable-event – disables events

Synopsis **disable-event** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 --config|-c name
 --command|-C restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline

Description Use this command to disable a scheduled event.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

Examples wadm **disable-event** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 --command=restart

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-event\(1\)](#), [delete-event\(1\)](#), [list-events\(1\)](#), [enable-event\(1\)](#)

Name `disable-htaccess` – disables the `.htaccess` file

Synopsis `disable-htaccess` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`]
[`--uri-pattern`|`-t pattern`] [`--config`|`-c name`] [`--vs`|`-s name`]

Description Use this command to disable the `.htaccess` file.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--uri-pattern</code> <code>-t</code>	Specify the URI wildcard pattern.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.
<code>--vs</code> <code>-s</code>	Specify the name of the virtual server.

Examples `wadm disable-htaccess--user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-htaccess\(1\)](#), [get-htaccess-prop\(1\)](#)

Name disable-java – disables Java

Synopsis **disable-java** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 --config|-c name

Description Use this command to disable Java for a particular configuration. By default, Java is enabled for Sun Java System Web Server 7.0.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Examples wadm **disable-java** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-java\(1\)](#)

Name `disable-on-demand-compression` – disables on-demand compression

Synopsis `disable-on-demand-compression` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q] [`--verbose`|-v] [`--uri-pattern`|-t *pattern*] `--vs`|-s *name* `--config`|-c *name*

Description Use this command to disable on-demand compression.

Options For `connect_options` description, see `help(1)`.

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--uri-pattern</code> -t	Specify the URI wildcard pattern.
<code>--config</code> -c	Specify the name of the configuration.
<code>--vs</code> -s	Specify the name of the virtual server.

Examples `wadm disable-on-demand-compression --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also `help(1)`, `enable-on-demand-compression(1)`, `get-on-demand-compression-prop(1)`

Name disable-p3p – disables P3P

Synopsis **disable-p3p** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 --config|-c name --vs|-s name

Description Use this command to disable P3P (platform for privacy preferences), which is a protocol that specifies a way to enable web security policies.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **disable-p3p** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-p3p\(1\)](#), [get-p3p-prop\(1\)](#)

Name `disable-parsed-html` – disables parsed HTML content

Synopsis `disable-parsed-html <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --vs|-s name --config|-c name`

Description Use this command to disable the parsed HTML content.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--config -c</code>	Specify the name of the configuration.

Examples `wadm disable-parsed-html --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-parsed-html\(1\)](#), [get-parsed-html-prop\(1\)](#)

Name `disable-perfdump` – disables the perfdump utility

Synopsis `disable-perfdump` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q] [`--verbose`|-v] [`--vs`|-s *name*] `--config`|-c *name*

Description Use this command to disable the perfdump utility.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--vs</code> -s	Specify the name of the virtual server.
<code>--config</code> -c	Specify the name of the configuration.

Examples `wadm disable-perfdump --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-perfdump\(1\)](#), [get-perfdump-prop\(1\)](#), [enable-perfdump\(1\)](#)

Name disable-precompressed-content – disables precompressed content

Synopsis **disable-precompressed-content** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --vs|-s *name* --config|-c *name*

Description Use this command to disable precompressed content.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **disable-precompressed-content** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-precompressed-content\(1\)](#), [get-precompressed-content-prop\(1\)](#)

Name `disable-request-limits` – disables request limits

Synopsis `disable-request-limits` *<connect_options>* [`--echo` | `-e`] [`--no-prompt` | `-Q`]
`[--verbose` | `-v`] `--config` | `-c` *name* `--vs` | `-s` *vs-name*

Description Use this command to disable the request limits.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.
<code>--vs</code> <code>-s</code>	Specify the name of the virtual server.

Examples `wadm disable-request-limits --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-request-limits-prop\(1\)](#), [set-request-limits-prop\(1\)](#), [enable-request-limits\(1\)](#)

Name disable-secretkey-restriction – disables secret key restriction

Synopsis **disable-secretkey-restriction** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --vs|-s *name* --config|-c *name*

Description Use this command to disable the secret key restriction.

Options

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration for which you want to disable the secret key restrictions.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.

Examples wadm **disable-secretkey-restriction** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-secretkey-restriction\(1\)](#), [get-secretkey-restriction-prop\(1\)](#)

Name disable-single-signon – disables single sign-on

Synopsis **disable-single-signon** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name

Description Use this command to disable single sign-on.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **disable-single-signon** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-single-signon\(1\)](#), [get-single-signon-prop\(1\)](#)

Name `disable-snmp` – disables SNMP

Synopsis `disable-snmp` *<connect_options>* [`--echo` | `-e`] [`--no-prompt` | `-Q`] [`--verbose` | `-v`]
`--config` | `-c` *name*

Description Use this command to disable SNMP.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.

Examples `wadm disable-snmp --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-snmp\(1\)](#), [get-snmp-prop\(1\)](#)

Name `disable-stats-xml` – disables the server instance statistics

Synopsis `disable-stats-xml <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s name --config|-c name`

Description Use this command to disable the server instance statistics.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Examples `wadm disable-stats-xml --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status `0` command executed successfully
`>0` error in executing the command

See Also [help\(1\)](#), [get-stats-xml\(1\)](#), [get-stats-xml-prop\(1\)](#), [enable-stats-xml\(1\)](#)

Name `disable-unix-homedir` – disables the UNIX home directory

Synopsis `disable-unix-homedir` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q]
[`--verbose`|-v] [`--config`|-c *name*] [`--vs`|-s *name*]

Description Use this command to disable the UNIX home directory.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--config</code> -c	Specify the configuration where the user document directory exists.
<code>--vs</code> -s	Specify the name of the virtual server.

Examples `wadm disable-unix-homedir --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-unix-homedir\(1\)](#), [get-unix-homedir-prop\(1\)](#)

Name disable-webapp – disables web applications

Synopsis **disable-webapp** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s name --uri|-r context-root --config|-c name

Description Use this command to disable a web application.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--uri -r	Specify the root URI for the web application.
--config -c	Specify the name of the configuration.

Examples wadm **disable-webapp** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri=/testapp

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-webapp\(1\)](#), [remove-webapp\(1\)](#), [enable-webapp\(1\)](#), [list-webapps\(1\)](#)

Name disable-webdav – disables WebDAV

Synopsis **disable-webdav** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name

Description Use this command to disable WebDAV (Web-based Distributed Authoring and Versioning).

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Examples wadm **disable-webdav --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-webdav\(1\)](#), [set-webdav-prop\(1\)](#), [get-webdav-prop\(1\)](#)

Name enable-access-log – enables the access log

Synopsis **enable-access-log** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--format|-f *log-format*] [--log-ip|-o] [--vs|-s *name*] [--uri-pattern|-t *pattern*] --config|-c *name* --file|-l *log-file*

Description Use this command to enable the access log.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--format -f	Specify the log format string for an access log.
--log-ip -o	Set this option to true to log the IP of the client into the access log.
--uri-pattern -t	Specify the URI wildcard pattern.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.
--file -l	Specify the file name for access log.

Examples wadm **enable-access-log** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --file=log1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-access-log-prop\(1\)](#), [disable-access-log\(1\)](#)

Name enable-ciphers – enables SSL ciphers

Synopsis **enable-ciphers** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--cipher-type|-t *ssl2/ssl3tls*] --config|-c *name* --http-listener|-l *name* (*cipher-name*)+

Description Use this command to enable the SSL ciphers. A cipher is a cryptographic algorithm that is used for encryption or decryption.

Options For *connect_options* description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, *wadm* will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` *connect_option*.

--verbose|-v Specify this option to display a verbose output.

--cipher-type|-t Specify the type of cipher. The type can be `ssl2` or `ssl3tls`.

--config|-c Specify the name of the configuration file that contains the metadata to configure the runtime services of the Web Server.

--http-listener|-l Specify the name of the HTTP listener.

Operands *cipher-name* Specify the name of the SSL cipher.

If you are using an `ssl2` cipher, the following cipher names are valid:

- `SSL_RC4_128_WITH_MD5` — Indicates whether the `SSL_RC4_128_WITH_MD5` cipher suite is enabled at runtime. The default value is `true`.
- `SSL_RC4_128_EXPORT40_WITH_MD5` — Indicates whether the `SSL_RC4_128_EXPORT40_WITH_MD5` cipher suite is disabled at runtime. The default value is `false`.
- `SSL_RC2_128_CBC_WITH_MD5` — Indicates whether the `SSL_RC2_128_CBC_WITH_MD5` cipher suite is enabled at runtime. The default value is `true`.

- `SSL_RC2_128_CBC_EXPORT40_WITH_MD5` – Indicates whether the `SSL_RC2_128_CBC_EXPORT40_WITH_MD5` cipher suite is disabled at runtime. The default value is false.
- `SSL_DES_64_CBC_WITH_MD5` – Indicates whether the `SSL_DES_64_CBC_WITH_MD5` cipher suite is disabled at runtime. The default value is true.
- `SSL_DES_192_EDE3_CBC_WITH_MD5` – Indicates whether the `SSL_DES_192_EDE3_CBC_WITH_MD5` cipher suite is enabled at runtime. The default value is true.

If you are using a `ssl3tls` cipher, the following cipher names are valid:

- `SSL_RSA_WITH_RC4_128_MD5` — Indicates whether the `SSL_RSA_WITH_RC4_128_MD5` cipher suite is enabled at runtime. The default value is true.
- `SSL_RSA_WITH_RC4_128_SHA` — Indicates whether the `SSL_RSA_WITH_RC4_128_SHA` cipher suite is enabled at runtime. The default value is true.
- `SSL_RSA_WITH_3DES_EDE_CBC_SHA` — Indicates whether the `SSL_RSA_WITH_3DES_EDE_CBC_SHA` cipher suite is enabled at runtime. The default value is true.
- `SSL_RSA_WITH_DES_CBC_SHA` — Indicates whether the `SSL_RSA_WITH_DES_CBC_SHA` cipher suite is disabled at runtime. The default value is false.
- `SSL_RSA_EXPORT_WITH_RC4_40_MD5` — Indicates whether the `SSL_RSA_EXPORT_WITH_RC4_40_MD5` cipher suite is disabled at runtime. The default value is false.
- `SSL_RSA_EXPORT_WITH_RC2_CBC_40_MD5` — Indicates whether the `SSL_RSA_EXPORT_WITH_RC2_CBC_40_MD5` cipher suite is disabled at runtime. The default value is false.
- `SSL_RSA_WITH_NULL_MD5` — Indicates whether the `SSL_RSA_WITH_NULL_MD5` cipher suite is enabled at runtime. The default value is false.
- `SSL_RSA_WITH_NULL_SHA` — Indicates whether the `SSL_RSA_WITH_NULL_SHA` cipher suite is enabled at runtime. The default value is false.

- `SSL_RSA_FIPS_WITH_3DES_EDE_CBC_SHA` — Indicates whether the `SSL_RSA_FIPS_WITH_3DES_EDE_CBC_SHA` cipher suite is enabled at runtime. The default value is true.
- `SSL_RSA_FIPS_WITH_DES_CBC_SHA` — Indicates whether the `SSL_RSA_FIPS_WITH_DES_CBC_SHA` cipher suite is disabled at runtime. The default value is false.
- `TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA` — Indicates whether the `TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA` cipher suite is enabled at runtime. The default value is true.
- `TLS_ECDH_RSA_WITH_AES_128_CBC_SHA` — Indicates whether the `TLS_ECDH_RSA_WITH_AES_128_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDH_RSA_WITH_RC4_128_SHA` — Indicates whether the `TLS_ECDH_RSA_WITH_RC4_128_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDH_RSA_WITH_3DES_EDE_CBC_SHA` — Indicates whether the `TLS_ECDH_RSA_WITH_3DES_EDE_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA` — Indicates whether the `TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA` — Indicates whether the `TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_RSA_EXPORT1024_WITH_DES_CBC_SHA` — Indicates whether the `TLS_RSA_EXPORT1024_WITH_DES_CBC_SHA` cipher suite is disabled at runtime. The default value is false.
- `TLS_RSA_EXPORT1024_WITH_RC4_56_SHA` — Indicates whether the `TLS_RSA_EXPORT1024_WITH_RC4_56_SHA` cipher suite is disabled at runtime. The default value is false.

- `TLS_RSA_WITH_AES_128_CBC_SHA` – Indicates whether the `TLS_RSA_WITH_AES_128_CBC_SHA` cipher suite is enabled at runtime. The default value is true.
- `TLS_RSA_WITH_AES_256_CBC_SHA` – Indicates whether the `TLS_RSA_WITH_AES_256_CBC_SHA` cipher suite is enabled at runtime. The default value is true.
- `TLS_ECDHE_ECDSA_WITH_NULL_SHA` — Indicates whether the `TLS_ECDHE_ECDSA_WITH_NULL_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_ECDSA_WITH_3DES_EDE_CBC_SHA` – Indicates whether the `TLS_ECDHE_ECDSA_WITH_3DES_EDE_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_ECDSA_WITH_RC4_128_SHA` – Indicates whether the `TLS_ECDHE_ECDSA_WITH_RC4_128_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA` – Indicates whether the `TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_RSA_WITH_NULL_SHA` – Indicates whether the `TLS_ECDHE_RSA_WITH_NULL_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_RSA_WITH_RC4_128_SHA` – Indicates whether the `TLS_ECDHE_RSA_WITH_RC4_128_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA` — Indicates whether the `TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA` cipher suite is enabled at runtime. The default value is false.
- `TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA` – Indicates whether the `TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA` cipher suite is enabled at runtime. The default value is false.

Examples `wadm enable-ciphers --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 --http-listener=http-listener-1`
`--cipher-type=ssl2 SSL_RC4_128_WITH_MD5`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [disable-ciphers\(1\)](#), [set-ssl-prop\(1\)](#), [get-ssl-prop\(1\)](#)

Name enable-dav-collection – enables the dav collection

Synopsis **enable-dav-collection** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name --uri|-r uri

Description Use this command to enable the WebDAV collection.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server in which this WebDAV collection is present.
--config -c	Specify the name of the configuration.
--uri -r	Specify the URI through which the content is accessed.

Examples wadm **enable-dav-collection** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --uri=/dav_config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [delete-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

Name enable-directory-listing – enables directory listing

Synopsis **enable-directory-listing** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--index-style|-y fancy/simple] --config|-c name
--vs|-s name

Description Use this command to enable directory listing.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--index-style -y	Specify the type of directory index to generate if the server cannot find the index file. If your server is outside the firewall, turn off the directory indexing. The index style can be simple or fancy. The default value is fancy. <ul style="list-style-type: none">▪ fancy - Lists all files in the directories in a special format providing all relevant information about the sub directories and files.▪ simple - Lists all files and sub directories in a simple list format.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **enable-directory-listing** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --index-style=simple --config=config1
--vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also `help(1)`, `get-directory-listing-prop(1)`, `disable-directory-listing(1)`,
`get-default-content-type(1)`, `set-default-content-type(1)`, `get-home-page(1)`,
`set-home-page(1)`, `delete-home-page(1)`, `get-index-files(1)`, `set-index-files(1)`

Name enable-document-footer – enables document footer

Synopsis **enable-document-footer** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--mime-type|-m *type*] [--vs|-s *name* --date-format|-d *format* --footer|-o *text* --config|-c *name*

Description Use this command to enable document footer. You can specify a document footer, which can include the last-modified time for all the documents. This footer works for all files except the output of CGI scripts or parsed HTML (.shtml) files.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--mime-type -m	Specify the type of files to be included in the footer.
--vs -s	Specify the name of the virtual server.
--date-format -d	Specify the date format. The custom format can be of type %B, %d, and %y.
--footer -o	Specify the text that will appear in the document footer. The maximum number of characters for a document footer is 765. If you want to include the date on which the document was last modified, type the string :LASTMOD:. Any entities, for example, © are contracted after you save your changes.
--config -c	Specify the name of the configuration.

Examples wadm **enable-document-footer** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --mime-type=text/html --date-format=%B --footer="config1 footer"

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-document-footer-prop\(1\)](#), [list-document-footers\(1\)](#),
[disable-document-footer\(1\)](#)

Name enable-event – enables an event

Synopsis **enable-event** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name
--command|-C restart|reconfig|rotate-log|rotate-access-log|update-crl|commandline

Description Use this command to enable an event that you have created.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--command -C	Specify the command the event executes. The values can be restart, reconfig, rotate-log, rotate-access-log, update-crl or commandline.

Examples wadm **enable-event** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --command=restart

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-event\(1\)](#), [delete-event\(1\)](#), [list-events\(1\)](#), [disable-event\(1\)](#)

Name enable-htaccess – enables the .htaccess file

Synopsis **enable-htaccess** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--config-file|-f *name*] --config|-c *name* --vs|-s *name*

Description Use this command to enable the .htaccess file. Web Server supports the .htaccess dynamic configuration files. You can enable the .htaccess files either through the user interface or by manually changing the configuration files.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config-file -f	Specify the name of the .htaccess configuration file.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **enable-htaccess** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-htaccess\(1\)](#), [get-htaccess-prop\(1\)](#)

Name enable-java – enables Java for a configuration

Synopsis **enable-java** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name

Description Use this command to enable Java for a particular configuration. By default, Java is enabled for Sun Java System Web Server 7.0. Enabling Java enables the Web container and its associated functionalities.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.

Examples wadm **enable-java --user=admin --password-file=admin.pwd**
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-java\(1\)](#)

Name enable-on-demand-compression – enables on-demand compression

Synopsis **enable-on-demand-compression** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--no-vary-header|-r] [--fragment-size|-f *size*] [--compression-level|-l [*1-9*]/NONE] --config|-c *name* --vs|-s *name*

Description Use this command to enable on-demand compression. A dynamically generated HTML page does not exist until a user asks for it. This is particularly useful for e-commerce based web applications and database-driven sites.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--no-vary-header -r	If you specify this option, the <i>Vary: Accept-encoding</i> header is not inserted when a compressed version of a file is selected.
--fragment-size -f	Specify the memory fragment size (in bytes) that has to be used by the compression library to control the rate of compression.
--compression-level -l	Specify the the level of compression. The range of values is 1–9. The value 1 yields the best speed; the value 9 the best compression. A middle value provides a compromise between speed and compression.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm enable-on-demand-compression --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --no-vary-header=true --fragment-size=100 --compression-level=5

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [disable-on-demand-compression\(1\)](#), [get-on-demand-compression-prop\(1\)](#)

Name enable-p3p – enables P3P

Synopsis **enable-p3p** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--policy-url|-l url] [--compact-policy|-m policy] --config|-c name --vs|-s name

Description Use this command to enable P3P (platform for privacy preferences). P3P is a protocol that specifies the method to enable web security policies.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--policy-url -l	Specify the URL of the site's policy reference file.
--compact-policy -m	Specify the P3P compact policy.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **enable-p3p** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --policy-url=http://xyz.com/policyurl

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-p3p\(1\)](#), [get-p3p-prop\(1\)](#)

Name enable-parsed-html – enables the parsed HTML content

Synopsis **enable-parsed-html** <connect_options> [--echo|-e] [--no-prompt|-Q]
 [--verbose|-v] [--uri-pattern|-t *pattern*] [--no-exec-tag|-x]
 [--file-to-parse|-f *shtml/exec-html/html*] --vs|-s *name* --config|-c *name*

Description Use this command to enable the parsed HTML content. HTML content is normally sent to the client exactly as it exists on disk without any server intervention. However, the server can search HTML files for special commands (that is, it can parse the HTML) before sending the documents. If you want the server to parse these files and insert request-specific information or files into documents, you must first enable HTML parsing.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--files-to-parse -f	Specify the files the server will parse. <ul style="list-style-type: none"> ▪ <i>shtml</i> - If you specify this type, the server will parse only files with the extension <i>.shtml</i>. This is the most common (and default) choice. ▪ <i>exec-html</i> - If you specify this type, the server will parse files with the execute bit and the extension <i>.shtml</i> (UNIX/Linux only). Using the execute permissions can be unreliable because in some cases the bit is set on files that are not executable. ▪ <i>html</i> - If you specify this type, the server will parse all HTML files. Choosing this option can slow server performance.
--no-exec-tag -x	If you specify this option, the server parses HTML but does not allow HTML files to execute arbitrary programs on the server.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

Examples `wadm enable-parsed-html --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [disable-parsed-html\(1\)](#), [get-parsed-html-prop\(1\)](#)

Name enable-perfdump – enables the perfdump utility

Synopsis **enable-perfdump** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri|-r uri] --config|-c name --vs|-s name

Description Use this command to enable the perfdump utility.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri -r	Specify the URI of the perfdump utility.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **enable-perfdump** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-perfdump\(1\)](#), [get-perfdump-prop\(1\)](#), [disable-perfdump\(1\)](#)

Name enable-precompressed-content – enables precompressed content

Synopsis **enable-precompressed-content** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--no-vary-header|-r] [--uri-pattern|-t *pattern*] [--no-age-check|-a] [--config|-c *name*] [--vs|-s *name*]

Description Use this command to enable precompressed content. You can configure Sun Java System Web Server to generate and store precompressed versions of files in a specified directory. When configured, and only if an Accept-encoding: gzip header is received, all requests for files from a directory configured to serve the precompressed content are redirected to requests for an equivalent compressed file from that directory if such a file exists.

For example, if the Web Server receives a request for `myfile.html`, and both `myfile.html` and `myfile.html.gz` exist, then those requests with an appropriate Accept-encoding header receive the compressed file.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--no-vary-header -r</code>	If you specify this option, a <i>Vary: Accept-encoding</i> header is not inserted when a compressed version of a file is selected.
<code>--no-age-check -a</code>	If you specify this option, the compressed version is always selected even if it is older than the non-compressed version.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Examples `wadm enable-precompressed-content --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --no-vary-header`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [disable-precompressed-content\(1\)](#), [get-precompressed-content-prop\(1\)](#)

Name enable-request-limits – enables the request limits

Synopsis **enable-request-limits** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--rps-compute-interval|-a *i*] [--continue-condition|-o {*silence*|*threshold*}] [--error-code|-d *n*] [--monitor-attribute|-m *attr*] [--max-rps|-r *x*] [--max-connections|-x *c*] --config|-c *name* --vs|-s *vs-name*

Description Use this command to enable the request limits.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--rps-compute-interval -a	Specify the time interval (in seconds) in which the average (request per second) RPS is computed. Note that max-rps limit will not be applied until the next request rate recomputation has occurred. This means that a potential attacker can have unlimited requests serviced until the initial interval runs out. You can balance the length of this window of attack to the cost of frequent recomputations by adjusting the interval parameter. The default value is 30 seconds.
--continue-condition -o	Specify the condition that must be met for a blocked request type to be available again for servicing. The values can be: <ul style="list-style-type: none"> ▪ <i>silence</i> - refused requests must fall to zero (over a subsequent interval) for the service to resume. ▪ <i>threshold</i> - refused request rate must fall below the RPS threshold for the service to resume. The default value is <i>threshold</i> .
--error-code -d	Specify the HTTP status code to use for blocked requests. The default is 503, "Service Unavailable".

<code>-monitor-attribute -m</code>	<p>Specify an optional request attribute that has to be monitored. Request rates are tracked in a "bucket" named by the value of this parameter. If the monitor parameter is not given, the matching requests are tracked in an unnamed (anonymous) bucket.</p> <p>While the value of the monitor parameter can be a fixed string, it is most useful when given in terms of <code>obj.conf</code> variables.</p> <p>For example, <code>monitor="\$ip"</code>. Note that you can also specify multiple variables.</p>
<code>-max-rps -r</code>	<p>Specify the threshold value for RPS. If this value is exceeded, subsequent connections will not serviced. There is no default value because an acceptable RPS threshold can vary widely between sites.</p>
<code>-max-connections -x</code>	<p>Specify the maximum number of concurrent connections. If a matching request is received while there are at least this many requests being processed, the request is rejected. As soon as concurrent requests fall below this limit, new ones will be processed.</p>
<code>--config -c</code>	<p>Specify the name of the configuration.</p>
<code>--vs -s</code>	<p>Specify the name of the virtual server.</p>

Examples `wadm enable-request-limits --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [get-request-limits-prop\(1\)](#), [set-request-limits-prop\(1\)](#), [disable-request-limits\(1\)](#)

Name enable-secretkey-restriction – enables secret key restrictions

Synopsis **enable-secretkey-restriction** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--reject-message-file|-r name] [--uri-pattern|-t pattern] --config|-c name --vs|-s name --min-key-size|-k 56/128/168

Description Use this command to enable the secret key restrictions.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--reject-message-file -r	Define the location of the file that contains the “reject access” message.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration for which the secret key restriction are to be enabled.
--vs -s	Specify the name of the fully functioning virtual server that resides within the same physical location as the Sun Java System Web Server.
--min-key-size -k	Define the minimum size of the secret key.

Examples wadm **enable-secretkey-restriction** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --min-key-size=128

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-secretkey-restriction\(1\)](#), [get-secretkey-restriction-prop\(1\)](#)

Name enable-single-signon – enables single sign-on

Synopsis **enable-single-signon** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--idle-timeout|-l timeout] --config|-c name --vs|-s name

Description Use this command to enable single sign-on.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--idle-timeout -l	Specify the timeout (in seconds) after which the user's single-sign-on records will be purged. The range of values is 0.001 - 3600 or -1 for no timeout.

Examples wadm **enable-single-signon** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-single-signon\(1\)](#), [get-single-signon-prop\(1\)](#)

Name enable-snmp – enables SNMP

Synopsis **enable-snmp** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--master-host|-m *host*] --config|-c *name* --description|-D *text* --organization|-o *org* --location|-l *location* --contact|-t *number*

Description Use this command to enable SNMP.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--master-host -m	Specify the name of the master host.
--config -c	Specify the name of the configuration.
--description -D	Enter a description.
--organization -o	Specify the name of the organization.
--location -l	Specify the location.
--contact -t	Enter the contact details.

Examples wadm **enable-snmp** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --master-host=test --description=snmp --organization=abc --location=usa --contact=sysadmin

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-snmp\(1\)](#), [get-snmp-prop\(1\)](#)

Name enable-stats-xml – enables the server instance statistics

Synopsis **enable-stats-xml** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-prefix|-r name] --config|-c config-name --vs|-s name

Description Use this command to enable the server instance statistics which can be obtained in XML format using `get-stats-xml`.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the path of the URI.

Examples `wadm enable-stats-xml --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-stats-xml\(1\)](#), [get-stats-xml-prop\(1\)](#), [disable-stats-xml\(1\)](#)

Name enable-unix-homedir – enables the UNIX home directory

Synopsis **enable-unix-homedir** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-prefix|-r *uri-prefix*] [--sub-dir|-b *users-subdirectory*] [--user-pwfile|-l *password-file*] [--system-pwfile|-y] [--load-db-on-startup|-o] --config|-c *name* --vs|-s *name*

Description Use this command to enable the UNIX home directory.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--uri-prefix -r	Specify the URI prefix for the user directory.
--sub-dir -b	Specify the name of the sub directory.
--load-db-on-startup -o	If you specify this option, the password file will be loaded at server startup.
--user-pwfile -l	Specify the file that contains the user password. Specify this option if you do not want to use the system password file.
--system-pwfile -y	If you specify this option, users are looked up from the system password file. Else, users are looked up from the password file specified in user-pwfile option.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **enable-unix-homedir** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-unix-homedir\(1\)](#), [get-unix-homedir-prop\(1\)](#)

Name enable-webapp – enables a web application

Synopsis **enable-webapp** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name --vs|-s name --uri|-r context-root

Description Use this command to enable a web application. A web application is a collection of Java Servlets, JSPs, HTML pages, classes, and other resources. All these resources are stored in a directory, and all requests to that directory run the application.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of a virtual server.
--uri -r	Specify the root URI for the web application.

Examples wadm **enable-webapp** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
--uri=/testapp

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-webapp\(1\)](#), [remove-webapp\(1\)](#), [disable-webapp\(1\)](#), [list-webapps\(1\)](#)

Name enable-webdav – enables WebDAV

Synopsis **enable-webdav** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
 --config|-c name

Description Use this command to enable WebDAV (Web-based Distributed Authoring and Versioning). WebDAV is an extension to HTTP/1.1 protocol to allow clients to perform remote web content authoring operations. This protocol allows clients to remotely administer access control lists (ACL), thereby affecting who can perform operations on WebDAV resources.

Options For connect_options description, see [help\(1\)](#).

- -echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- -no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.
- -verbose -v	Specify this option to display a verbose output.
- -config -c	Specify the name of the configuration.

Examples wadm **enable-webdav --user=admin --password-file=admin.pwd**
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [disable-webdav\(1\)](#), [set-webdav-prop\(1\)](#), [get-webdav-prop\(1\)](#)

Name expire-lock – expires a lock

Synopsis **expire-lock** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--vs|-s name --lock-uri|-l uri --opaque-token|-o token
--collection-uri|-d uri --config|-c name

Description Use this command to expire a lock.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the configuration where the locks exist.
--vs -s	Specify the name of the virtual server.
--lock-uri -l	Specify the URI on which the lock exists.
--collection-uri -d	Specify the name of the collection URI.
--opaque-token -o	Specify the ID of the lock that you want to expire. Lock IDs are displayed when you run the list-lock command.

Examples wadm **expire-lock** --user=admin --password-file=admin.pwd --host=serverhost
--port=8989 --config=config1 --vs=config1 --collection-uri=/dav1
--lock-uri=/dav1/file.html --opaque-token=opaqueLocktoken

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [list-locks\(1\)](#)

Name forward-reverse-proxy-header – forwards a reverse proxy header

Synopsis **forward-reverse-proxy-header** <connect_options> [- -echo| -e] [- -no-prompt| -Q] [- -verbose| -v] [- -header| -H header] --config| -c name --vs| -s name --uri-prefix| -r uri (param)

Description Use this command to forward a reverse proxy parameter. Following are the parameters that can be forwarded:

- **j route** — The route ID that enables the reverse proxy to direct subsequent requests back to the server from where the request originated.
- **ip** — The client's IP address to remote servers. The header is the name of the HTTP request header used to communicate the IP address of the client. The default header is `Client-ip`.
- **proxy-agent** — The value of the Proxy-agent HTTP request header. The default is a string that contains the proxy server product name and version.
- **via** — The intermediate protocol between a node and the server.
- **proxy-auth** — The client's proxy authentication credentials, that is, the client's proxy-authorization HTTP request header to remote servers.
- **cipher** — The name of the client's SSL/TLS cipher suite to remote servers. The header is the name of the HTTP request header used to communicate the name of the client's SSL/TLS cipher suite. The default header is `Proxy-cipher`.
- **keysize** — The size of the client's SSL/TLS key to remote servers. The header is the name of the HTTP request header used to communicate the size of the client's SSL/TLS key. The default header is `Proxy-keysize`.
- **secret-keysize** — The size of the client's SSL/TLS secret key to remote servers. The header is the name of the HTTP request header used to communicate the size of the client's SSL/TLS secret key. The default header is `Proxy-secret-keysize`.
- **ssl-id** — The client's SSL/TLS session ID to remote servers. The header is the name of the HTTP request header used to communicate the client's SSL/TLS session ID. The default header is `Proxy-ssl-id`.
- **issuer-dn** — The distinguished name of the issuer of the client's SSL/TLS certificate to remote servers. The header is the name of the HTTP request header used to communicate the distinguished name of the issuer of the client's SSL/TLS certificate. The default header is `Proxy-issuer-dn`.
- **user-dn** — The name of the subject of the client's SSL/TLS certificate to remote servers. The header is the name of the HTTP request header used to communicate the distinguished name of the subject of the client's SSL/TLS certificate. The default header is `Proxy-user-dn`.

- **auth-cert** — The client's SSL/TLS certificate to remote servers. The header is the name of the HTTP request header used to communicate the client's DER-encoded SSL/TLS certificate in Base64 encoding. The default header is `Proxy-auth-cert`.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the path of the URI.
<code>--header -H</code>	Specify the name of the HTTP request header that is used to forward the reverse proxy parameter.

Operands *param* Specify the name of the header parameter that you want to forward.

Examples `wadm forward-reverse-proxy-header --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=vs1 --uri-prefix=/ --header=client-cert-data auth-cert`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [block-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#)

Name `get-access-log` – gets the access log information

Synopsis `get-access-log` <*connect_options*> [`--echo` | `-e`] [`--no-prompt` | `-Q`] [`--verbose` | `-v`]
`--start-date` | `-S` *dd/MMM/yyyy:HH:mm:ss*
`--end-date` | `-E` *dd/MMM/yyyy:HH:mm:ss* [`--status-code` | `-o` *status-code*]
`--num-records` | `-n` *number-of-records*] [`--vs` | `-s` *name*] `--config` | `-c` *name*
nodehost

Description Use this command to view the Web Server access log entries. The access log records information about requests to and responses from the server. If no optional options are chosen, this command will show the last 100 entries of the default access-log file for the selected configuration and node.

Options

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--start-date</code> <code>-S</code>	Specify the starting date and time from which the log messages must be shown. The start date should be in the <i>dd/MM/yyyy:HH:mm:ss</i> format.
<code>--end-date</code> <code>-E</code>	Specify the ending date and time until which the log messages must be shown. The end date should be in the <i>dd/MM/yyyy:HH:mm:ss</i> format.
<code>--status-code</code> <code>-o</code>	Specify the status code of HTTP response code, for example, 200, 300, or 400.
<code>--num-records</code> <code>-n</code>	Specify the number of log messages to be shown.
<code>--vs</code> <code>-s</code>	Specify the name of the virtual server. Use this option if you want to view the access file entries of a particular virtual server.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.

Operands *nodehost* Specify the name of the node.

Examples `wadm get-access-log --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 node1`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [get-log-prop\(1\)](#), [rotate-log\(1\)](#)

Name `get-access-log-buffer-prop` – gets the access log buffer properties

Synopsis `get-access-log-buffer-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name (propertyname)*`

Description Use this command to view the access log buffer properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the system buffers access log updates. The default value is `true`.
- `buffer-size` - The size (in bytes) of individual access log buffers. The range of values is 4096–1048576.
- `max-buffers` - The maximum number of access log buffers per server. The range of values is 1–65536.
- `max-buffers-per-file` - The maximum number of access log buffers per access log file. The range of values is 1–128.
- `max-age` - The maximum amount of time to buffer a given access log entry. The range of values is 0.001–3600.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the access log property that you want to view.

Examples `wadm get-access-log-buffer-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-buffers`

Exit Status The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

See Also [help\(1\)](#), [set-access-log-buffer-prop\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#), [get-access-log\(1\)](#), [get-log\(1\)](#), [get-log-prop\(1\)](#), [set-log-prop\(1\)](#), [rotate-log\(1\)](#)

Name `get-access-log-prop` – gets the access log properties

Synopsis `get-access-log-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--uri-pattern|-t pattern] --config|-c name (propertyname)*`

Description Use this command to view the access log properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server writes to this access log. The default value is `true`.
- `name` - The name that uniquely identifies the access log. If a name is specified, the server will not automatically log access to this access log. Instead, the access log must be explicitly mentioned by name in an `obj.conf` `AddLog` directive.
- `file` - The filename of the access log file (absolute path or path relative to the server's config directory). For example, `./logs/access`.
- `format` - The format of access log entries flex-log format string. The default value is `CLF`.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.

Operands `propertyname` Specify the name of property that you want to view.

Examples `wadm get-access-log-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 file`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#)

Name get-acl – gets the access control list

Synopsis **get-acl** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--vs|-s name] --config|-c name (aclname)*

Description Use this command to view the access control list (ACL). Web Server supports authentication and authorization through the use of locally stored ACLs, which describe the access rights that a user has for a resource.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration.

Operands *aclname* Specify the name of the specified ACL that you want to view.

Examples wadm **get-acl --user=admin --password-file=admin.pwd --host=serverhost
--port=8989 --config=config1 --vs=config1_vs_1 default**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-acl\(1\)](#), [delete-acl\(1\)](#), [list-acls\(1\)](#)

Name `get-acl-cache-prop` – displays the ACL cache properties

Synopsis `get-acl-cache-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name (propertyname)*`

Description Use this command to view the access control list (ACL) cache properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server caches the file content and meta information. The default value is `true`.
- `max-users` - The maximum number of users for which the server will cache authentication information. The range of values is 1 - 1048576.
- `max-groups-per-user` — The maximum number of groups per user for which the server will cache the membership information. The range of values is 1 - 1024.
- `max-age` — The maximum amount of time (in seconds) to cache the authentication information. The range of values is 0.001 - 3600.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

Operands `propertyname` Specify the name of the ACL property that you want to view.

Examples `wadm get-acl-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-age`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [set-acl-cache-prop\(1\)](#)

Name get-admin-prop – gets the administration node properties

Synopsis **get-admin-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--node|-n *nodeHost*] (*propertyname*)*

Description Use this command to view the administration node properties. The properties that you can view are as follows:

- **instance-root** — The path of the default instance root created during Web Server installation.
- **install-root** — The path of the default install root created during Web Server installation.
- **server-version** — The version of the Web Server installed.
- **is-admin-server** - Flag that identifies the specified node as the administration server.
- **host** - The host name of the administration server.
- **description** - The description of the node.
- **server-user** - The user ID of the server user, for example, root.
- **ssl-port** - The SSL port if the server uses SSL connection to communicate.
- **java-home** - The location of the JDK. The directory must be owned by the account the server runs as.
- **log-level** - The log verbosity for the server. The values can be finest (most verbose), finer, fine, info, warning, failure, config, security, or catastrophe (least verbose).
- **log-file** — The path of the server's log file.
- **admin-user** - The user name of the authorized Web Server administrator.
- **access-log-file** - The path of the server's access log file.

Options For connect_options description, see [help\(1\)](#).

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| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --node -n | Specify the name of the node. |

Operands *propertyname* Specify the name of the administration property that you want to view.

Examples `wadm get-admin-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --node=node1 log-level`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [list-nodes\(1\)](#), [set-admin-prop\(1\)](#)

Name get-authdb-prop – gets the authentication database properties

Synopsis **get-authdb-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name --authdb|-a name (propertyname)*

Description Use this command to view the authentication database properties. The properties that you can view are as follows:

- pam - Indicates whether the authentication database is of type PAM.
- keyFile - Indicates whether the authentication database is of type keyFile.
- digestFile - Indicates whether the authentication database is of type digestFile.
- ldap - Indicates whether the authentication database is of type LDAP.
- url — The URL of the authentication database.
- auth-expiring-url — The URL to which the server redirects the request to in case the password is about to expire soon.
- bind-dn — The name that the Administration Server uses to initially bind (or log in) to the directory server, for example, cn=Directory Manager.
- bind-pw — The password used for authentication.
- dc-suffix — The dcsuffix of the LDAP database.
- search-filter — The search filter to find the user.
- group-search-filter — The search filter to find group memberships for the user.
- group-search-attr — The LDAP attribute name that contains the group name entries.
- digestauthstat — Indicates whether the LDAP server is capable of handling HTTP digest authentication.

Options For connect_options description, see [help\(1\)](#).

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| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --vs -s | Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server. |

<code>--config -c</code>	Specify the name of the configuration.
<code>--authdb -a</code>	Specify the name of the authentication database.
Operands <i>propertyname</i>	Specify the name of the authentication database property that you want to view.
Examples	<code>wadm get-authdb-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=KEYFILE1</code>
Exit Status	The following exit values are returned:
<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command
See Also	help(1) , create-pam-authdb(1) , create-ldap-authdb(1) , create-file-authdb(1) , create-authdb(1) , set-authdb-prop(1) , delete-authdb(1) , list-authdbs(1) , create-authdb-userprop(1) , delete-authdb-userprop(1) , list-authdb-userprops(1)

Name `get-auth-realm-prop` – gets the authentication realm properties

Synopsis `get-auth-realm-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --realm|-l realm-name (propertyname)*`

Description Use this command to view the authentication realm properties. The properties that you can view are as follows:

- `type` — The name of a built-in authentication realm type. (Applicable only when class is omitted.)
- `class` — The class that implements a pluggable Servlet container authentication realm. (Applicable only when class is omitted.)

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--realm|-l` Specify the name of the authentication realm.

Operands *propertyname* Specify the name of the authentication realm property that you want to view.

Examples `wadm get-auth-realm-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --realm=basic`

Exit Status The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

See Also [help\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

Name `get-cache-control-directives` – gets cache control directives information

Synopsis `get-cache-control-directives` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`] [`--uri-pattern`|`-t` *pattern*] `--config`|`-c` *name* `--vs`|`-s` *name* (*propertyname*)*

Description Use this command to view cache control directives details. The properties that you can view are as follows:

- `public` — Indicates that the response is cachable by any cache. This is the default behavior.
- `private` — Indicates that the response is only cachable by a private (non-shared) cache.
- `no cache` — Indicates that the response is not cached.
- `no store` — Indicates that the cache does not store the request or response anywhere in nonvolatile storage.
- `must revalidate` — Indicates that the cache entry is revalidated from the originating server.
- `maximum age` — The maximum age (in seconds) the client accepts a response.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo`|`-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt`|`-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose`|`-v` Specify this option to display a verbose output.
- `--uri-pattern`|`-t` Specify the URI wildcard pattern.
- `--config`|`-c` Specify the name of the configuration.
- `--vs`|`-s` Specify the name of the virtual server.

Operands *propertyname* Specify the name of the cache control directive property that you want to view.

Examples `wadm get-cache-control-directives --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

- 0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-cache-control-directives\(1\)](#)

Name get-cert-prop – gets the certificate properties

Synopsis **get-cert-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t name] [--token-pin|-P name] --config|-c name --nickname|-n name (propertyname)*

Description Use this command to view the certificate properties. The properties that you can view are as follows:

- `token` — The token in which this certificate is stored.
- `serialnumber` — The serial number of the certificate.
- `nickname` — The nickname or identifier used to refer the certificate.
- `subject` — The subject DN or the identity of the entity to which this certificate belongs.
- `issuer` — The subject DN of the issuing authority of this certificate.
- `issuename` — The CN or the first component of the subject DN of the issuing authority.
- `notbefore` — The starting date from when this certificate will be valid.
- `notafter` — The ending date or expiry date when this certificate will be invalid.
- `isexpired` — Indicates whether this certificate has expired.
- `isreadonly` — Indicates if this certificate can be deleted or not.
- `certtypestr` — The type of this certificate.
- `isselfsigned` — Indicates if this certificate has signed itself or has been signed by another authority.
- `hascrl` — Indicates whether a CRL has been installed for this certificate.
- `clientca` — Indicates if this certificate is trusted to sign client certificates.
- `serverca` — Indicates if this certificate is trusted to sign server certificates.
- `isca` — Indicates if this certificate is a CA certificate.
- `isuser` — Indicating if this certificate is a non-CA certificate owned by this entity. The entity referred here is the server instance.
- `fingerprint` — A MD5 digest of this certificate.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

- `--verbose|-v` Specify this option to display a verbose output.
- `--token|-t` Specify the token (cryptographic device), which contains the encrypted public key.
- `--token-pin|-P` Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the `token-pin` in the password file.
- `--config|-c` Specify the name of the configuration for which the certificate properties will be displayed.
- `--nickname|-n` Specify the short name or nick name of the certificate.

Operands *propertyname* Specify the name of the certificate property that you want to view.

Examples `wadm get-cert-prop --user=admin --port=8989 --password-file=admin.pwd --token=internal --config=config1 --nickname=cert1`

Exit Status The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

See Also [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [install-cert\(1\)](#), [delete-cert\(1\)](#)

Name get-cgi-prop – gets the CGI properties

Synopsis **get-cgi-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--uri-pattern|-t pattern] --config|-c name (propertyname)*

Description Use this command to view the common gateway interface (CGI) properties. The properties that you can view are as follows:

- **timeout** - The timeout (in seconds) after which the server will terminate a long-running CGI program. The range of values is 0.001-3600, or -1 for no timeout.
- **idle-timeout** - The timeout (in seconds) after which the server will terminate a nonresponsive CGI program. The range of values is 0.001-3600.
- **cgistub-path** - The path to the Cgistub binary.
- **cgistub-idle-timeout** - The timeout (in seconds) after which an unused Cgistub process will be terminated. The range of values is 0.001-3600.
- **min-cgistubs** - The minimum number of Cgistub processes the server will keep while waiting to run the CGI programs. The range of values is 1-4096.
- **max-cgistubs** - The maximum number of Cgistub processes the server will keep on hand, waiting to run CGI programs. The range of values is 1-4096.

If you specify the virtual server option, you can view the following properties:

- **user** – The name of the user to execute the CGI programs.
- **group** – The name of the group to execute the CGI programs.
- **chroot** – The additional root directory that you create to limit the server to specific directories.
- **directory** – The directory to change to after chroot but before the execution of the CGI program.
- **nice** – The nice value is an increment that determines the priority of the CGI program's relative to the server. Typically, the server runs with a nice value of 0 and the nice increment would be between 0 (the CGI program runs at the same priority as the server) and 19 (the CGI program runs at a much lower priority than the server).

You can increase the priority of the CGI program above that of the server by specifying a nice increment of -1. Sun, however, does not recommended you to do so.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration for which the stored CGI properties are displayed.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

Operands *propertyname* Specify the name of the CGI property that you want to view.

Examples `wadm get-cgi-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 min-cgistubs`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [set-cgi-prop\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#), [list-cgi-dirs\(1\)](#)

Name `get-config-file` – gets the configuration file details

Synopsis `get-config-file` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`] `--config`|`-c` *name*
(filename)

Description Use this command to view any configuration file present in the `config` directory under `server-root`.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing it.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> option.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.

Operands *filename* Specify the name of the configuration file that you want to view.

Examples `wadm get-config-file --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 default.acl`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-config-file\(1\)](#), [list-config-files\(1\)](#)

Name get-config-prop – gets the configuration properties

Synopsis **get-config-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname*)*

Description Use this command to view the configuration properties. The properties that you can view are as follows:

- `default-auth-db-name` — The name of the default authentication database.
- `user` — The name of the Web Server user.
- `audit-accesses` — Indicates whether the authentication and authorization events are logged. The default value is `false`.
- `acl-file` (read-only) — The name of the ACL file that controls access to the server.
- `mime-file` (read-only) — The name of the `mime.types` file that configures the MIME mappings for the server.
- `platform` — Indicates whether the server runs as a 32-bit or 64-bit process. The value can be 32 or 64.
- `temp-path` — The path where the server stores its temporary files.

Options For connect_options description, see [help\(1\)](#).

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| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |

Operands *propertyname* Specify the name of the configuration property that you want to view.

Examples `wadm get-config-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 platform`

Exit Status The following exit values are returned:

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| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [set-config-prop\(1\)](#)

Name `get-config-stats` – gets the configuration statistics

Synopsis `get-config-stats` <*connect_options*> [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`]
[`--node`|`-n` *node-name*] `--config`|`-c` *config-name*

Description Use this command to view the configuration statistics at the instance or configuration level.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--node</code> <code>-n</code>	Specify the node.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.

Examples `wadm get-config-stats --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-servlet-stats\(1\)](#), [get-virtual-server-stats\(1\)](#), [get-webapp-stats\(1\)](#)

Name get-crl-prop – displays the CRL properties

Synopsis **get-crl-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --issuer-name|-r *CA's name (propertyname)**

Description Use this command to display the Certificate Revocation List (CRL) properties. The properties that you can view are as follows:

- `crlname` — The name of issuer who has released this CRL.
- `issuer` — The subject DN of the issuing authority of this certificate.
- `previssued` — The issue date of the current update of the CRL that is currently installed.
- `nextissued` — The expected date when a new update of this CRL would be issued by the corresponding CA.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.
- issuer-name|-r Specify the name of the certificate authority (CA) issuer. The value can be the name of a company, organization, or department.

Operands *propertyname* Specify the name of the CRL property that you want to view.

Examples `wadm get-crl-prop --user=admin --port=8989 --password-file=admin.pwd --config=config1 --issuer-name="GlobalSign ServerSign CA"`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [install-crl\(1\)](#), [delete-crl\(1\)](#), [list-crls\(1\)](#)

Name `get-custom-resource-prop` – gets the custom resource properties

Synopsis `get-custom-resource-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-j name (propertyname)*`

Description Use this command to view the custom resource properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the custom resource is enabled at runtime. The default value is `true`.
- `jndi-name` - The Java Naming and Directory Interface (JNDI) name of the resource.
- `res-type` - The type of custom resource.
- `factory-class` - The class that instantiates a naming context which is used to look up the external resource. The value is a fully qualified class name that implements `javax.naming.spi.ObjectFactory`.
- `description` - The description of the resource.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |
| <code>--jndi-name -j</code> | Specify the JNDI name of the custom resource. |

Operands *property* Specify the name of the custom resource property that you want to view.

Examples `wadm get-custom-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=custom`

Exit Status The following exit values are returned:

- | | |
|--------------------|--------------------------------|
| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [set-custom-resource-prop\(1\)](#)

Name get-dav-collection-prop – displays the DAV collection properties

Synopsis **get-dav-collection-prop** <connect_options> [- -echo|-e] [- -no-prompt|-Q]
[- -verbose|-v] --config|-c name --vs|-s name --uri|-r uri (propertyname)*

Description Use this command to view the DAV collection properties. You can view the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- **default-owner** - The name of the default owner of the resources.
- **uri** - The existing root URI on which WebDAV should be enabled.
- **source-uri** - The new URI that the clients can use to access the source code of content.
- **min-lock-timeout** - The minimum time (in seconds) for WebDAV locks to expire. The range of values is 0.001 - 3600, or -1 to not enforce a minimum.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to the collections. The values can be 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647. The default value is 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is `default`.
- **auth-method** - The authentication method to use. The values can be `basic`, `digest`, or `ssl`. The default value is `basic`.
- **auth-prompt** - The prompt that will be displayed to clients during authentication. The default value is `Sun Java System Web Server WebDAV`.
- **acl-db-max-size** - The maximum size (in bytes) of the memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache the WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.
- **property-db-max-size** - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.

- `property-db-update-interval` - The interval (in seconds) at which WebDAV property databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.
- `lock-db-path` - The path of the WebDAV lock database.
- `lock-db-update-interval` - The interval (in seconds) at which the WebDAV lock databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server where this WebDAV collection exists.
<code>--uri -r</code>	Specify the name of the URI through which the content is accessed.

Operands *propertyname* Specify the name of the WebDAV collection property that you want to view.

Examples `wadm get-dav-collection-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 -config=config1 --vs=config1_vs_1 --uri=/dav_config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-dav-collection\(1\)](#), [set-dav-collection-prop\(1\)](#), [list-dav-collections\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

Name `get-default-content-type` – gets the default content details

Synopsis `get-default-content-type <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c name --vs|-s name`

Description Use this command to view the default content details.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Examples `wadm get-default-content-type --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name `get-directory-listing-prop` – gets directory listing properties

Synopsis `get-directory-listing-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the directory listing properties. The properties that you can view are as follows:

- `error-file` — The file that is displayed as a customized error response page.
- `index-style` — The type of directory index to generate if the server cannot find one of the index file name. The index style can be `simple` or `fancy`.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

Operands *propertyname* Specify the name of the directory listing property that you want to view.

Examples `wadm get-directory-listing-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 index-style`

Exit Status The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-default-content-type\(1\)](#), [set-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name `get-dns-cache-prop` – gets the DNS cache properties

Synopsis `get-dns-cache-prop` <connect_options> [`--echo` | `-e`] [`--no-prompt` | `-Q`] [`--verbose` | `-v`] `--config` | `-c` *name* (*propertyname*)*

Description Use this command to view the Domain Name Server (DNS) cache properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server caches the DNS lookup results. The default value is `true`.
- `max-age` - The maximum amount of time (in seconds) to cache a DNS lookup result. The range of values is 1–31536000.
- `max-entries` - The maximum number of DNS lookup results to cache. The range of values is 32–32768.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo</code> <code>-e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt</code> <code>-Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose</code> <code>-v</code> | Specify this option to display a verbose output. |
| <code>--config</code> <code>-c</code> | Specify the name of the configuration. |

Operands *propertyname* Specify the name of the DNS cache property that you want to view.

Examples `wadm get-dns-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-age`

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [set-dns-cache-prop\(1\)](#)

Name `get-dns-prop` – gets the DNS properties

Synopsis `get-dns-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name (propertyname)*`

Description Use this command to view the Domain Name Server (DNS) properties. DNS associates a standard IP addresses (such as 198.93.93.10) with hostnames (such as www.sun.com). The properties that you can view are as follows:

- `enabled` - Indicates whether the server does the DNS lookups. The default value is `false`.
- `async` - Indicates whether the server uses its own asynchronous DNS resolver instead of the operating system's synchronous resolver. The default value is `true`.
- `timeout` - The timeout (in seconds) for asynchronous DNS lookups. The range of values is 0.001–3600.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |

Operands `propertyname` Specify the name of the DNS property that you want to view.

Examples `wadm get-dns-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 timeout`

Exit Status The following exit values are returned:

- | | |
|--------------------|--------------------------------|
| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [set-dns-prop\(1\)](#)

Name `get-document-footer-prop` – gets the document footer properties

Synopsis `get-document-footer-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the document footer properties. The properties that you can view are as follows:

- `mime-type` - The type of files to be included in the footer.
- `date-format` - The format of date displayed in the document footer.
- `footer` - The text that appears in the document footer. The maximum number of characters for a document footer is 765.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Operands `propertyname` Specify the name of the document footer property that you want to view.

Examples `wadm get-document-footer-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 date-format`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-document-footer\(1\)](#), [list-document-footers\(1\)](#), [disable-document-footer\(1\)](#)

Name `get-error-page` – gets the error page details

Synopsis `get-error-page` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q] [`--verbose`|-v] [`--uri-pattern`|-t *pattern*] `--config`|-c *name* `--vs`|-s *name* `--code`|-d *errorcode* (*propertyname*)*

Description Use this command to view the error page details.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--uri-pattern</code> -t	Specify the URI wildcard pattern.
<code>--config</code> -c	Specify the name of the configuration.
<code>--vs</code> -s	Specify the name of the virtual server.
<code>--code</code> -d	Specify the error code.

Examples `wadm get-error-page --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --code=500`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-error-page\(1\)](#), [delete-error-page\(1\)](#), [list-error-pages-mappings\(1\)](#)

Name get-external-jndi-resource-prop – gets the external JNDI resources properties

Synopsis **get-external-jndi-resource-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --jndi-name|-j *name* (*propertyname*)*

Description Use this command to view the external Java Naming and Directory Interface (JNDI) resource properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the JNDI resource is enabled at runtime.
- `jndi-name` - The name of the JNDI resource.
- `jndi-lookup-name` — The JNDI lookup name of the resource.
- `res-type` - The resource type.
- `factory-class` - The class that instantiates resources.
- `description` - The description of the resource.

Options For connect_options description, see [help\(1\)](#).

- | | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |
| <code>--jndi-name -j</code> | Specify the name of the external JNDI resource. |

Operands *propertyname* Specify the name of the external JNDI resource property that you want to view.

Examples `wadm get-external-jndi-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=external-jndi`

Exit Status The following exit values are returned:

- | | |
|--------------------|--------------------------------|
| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#),

```
list-external-jndi-resource-userprops(1), create-external-jndi-resource(1),  
set-external-jndi-resource-prop(1), delete-external-jndi-resource(1),  
list-external-jndi-resources(1)
```

Name get-file-cache-prop – gets file cache properties

Synopsis **get-file-cache-prop** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] --config|-c *name* (propertyname)*

Description Use this command to view the file cache properties. Sun Java System Web Server 7.0 uses a file cache to serve static information faster. The properties that you can view are as follows:

- **enabled** - Indicates whether the server caches the file content and meta information. The default value is `true`.
- **max-age** - The maximum amount of time (in seconds) to cache the file content and/or meta information. The range of values is 0.001–3600.
- **max-entries** - The maximum number of paths for which the file content and/or meta information should be cached. The range of values is 1–1048576.
- **max-open-files** - The maximum number of file descriptors the file cache will keep open. The range of values is 1–1048576.
- **sendfile** - Indicates whether the server will attempt to use the operating system's `sendfile`, `sendfilev`, `send_file`, or `TransmitFile` system call. The default value is `true` on Windows and `false` on other platforms.
- **copy-files** - Indicates whether the server copies the cached files to a temporary directory. The default value is `true` on Windows and `false` on other platforms.
- **copy-path** - The name of the temporary directory that the server uses when `copy-files` is `true`.
- **replacement** - The cache entry replacement algorithm. The values can be `false`, `lru`, or `lfu`.
- **cache-content** - Indicates whether the server caches the file content. The default value is `true`.
- **max-heap-file-size** - The maximum size (in bytes) of files to cache on the heap. The range of values is 0–2147483647.
- **max-heap-space** - The maximum amount (in bytes) of heap to use for caching files. The range of values is between 0– 9223372036854775807.
- **max-mmap-file-size** - The maximum size (in bytes) of files to mmap. The range of values is 0-2147483647.
- **max-mmap-space** - The maximum amount (in bytes) of mmap address space to use for caching files. The range of value is 0– 9223372036854775807.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
Operands <i>propertyname</i>	Specify the name of the file cache property that you want to view.
Examples	<code>wadm get-file-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-heap-file-size</code>
Exit Status	The following exit values are returned:
<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command
See Also	help(1) , set-file-cache-prop(1)

Name `get-home-page` – gets the home page

Synopsis `get-home-page` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`]
`--config`|`-c` *name* `--vs`|`-s` *name*

Description Use this command to view the home page. Home page is a document that exists on the server and acts as a catalog or entry point for the server's contents. The location of this document is defined in the server's configuration files.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.
<code>--vs</code> <code>-s</code>	Specify the name of the virtual server.

Examples `wadm get-home-page --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1`

Exit Status `0` command executed successfully
`>0` error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name get-htaccess-prop – gets the .htaccess file property

Synopsis **get-htaccess-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --config|-c *name* --vs|-s *name* (*propertyname*)*

Description Use this command to view the .htaccess file property. The property that you can view is as follows:

- **enabled** — Indicates whether .htaccess is a enabled at runtime.
- **config-file** — The file name that contains the .htaccess configuration.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect_option.
- verbose|-v** Specify this option to display a verbose output.
- uri-pattern|-t** Specify the URI wildcard pattern.
- config|-c** Specify the name of the configuration.
- vs|-s** Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

Operands *propertyname* Specify the name of the .htaccess file property that you want to view.

Examples wadm **get-htaccess-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 config-file**

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [disable-htaccess\(1\)](#), [enable-htaccess\(1\)](#)

Name get-http-listener-prop – gets the HTTP listener socket properties

Synopsis **get-http-listener-prop** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] --config|-c name --http-listener|-l name (propertyname)*

Description Use this command to view the HTTP listener socket properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the listener is enabled at runtime.
- `name` - The name that uniquely identifies the HTTP listener.
- `ip` - The IP address on which to listen.
- `port` - The port on which to listen.
- `acceptor-threads` - The number of threads dedicated to accept connections received by this listener.
- `server-name` - The name of the default server. Can include a scheme (for example, `http://`) as prefix and port (for example, `80`) as suffix.
- `blocking-io` - Indicates whether the server uses blocking IO.
- `family` - The name of the protocol family.
- `listen-queue-size` - The maximum size of the operating system listen queue.
- `receive-buffer-size` - The size (in bytes) of the operating system socket *receive* buffer.
- `send-buffer-size` - The size (in bytes) of the operating system socket *send* buffer.
- `default-virtual-server-name` - The name of the virtual server that processes requests which did not match a host.
- `description` - The description of the HTTP listener.
- `handle-protocol-mismatch` - Indicates whether the server responds to SSL or non-SSL protocol mismatches in client requests. The default is `true`, meaning the server will attempt to detect SSL or non-SSL protocol mismatches and send an HTTP redirect or SSL alert when a mismatch is detected.

Options For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the configuration on which the HTTP listener socket exists.

`--http-listener|-l` Specify the name of the HTTP listener.

Operands *propertyname* Specify the name of the HTTP listener property that you want to view.

Examples `wadm get-http-listener-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --http-listener=config1_ls1`

Exit Status The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

See Also [help\(1\)](#), [create-http-listener\(1\)](#), [set-http-listener-prop\(1\)](#), [list-http-listeners\(1\)](#), [delete-http-listener\(1\)](#)

Name get-http-prop – gets the HTTP properties

Synopsis **get-http-prop** <connect_options> [- -echo| -e] [- -no-prompt| -Q] [- -verbose| -v]
- -config| -c *name* (*propertyname*)*

Description Use this command to view the HTTP properties. The properties that you can view are as follows:

- `version` - The highest HTTP protocol version that the server supports.
- `server-header` - The server header that contains the name of the server software and version. The default value is Sun Java System Web Server 7.0.
- `request-header-buffer-size` - The size (in bytes) of the buffer that is used to read HTTP request header. The range of values is 0-2147483647.
- `strict-request-headers` - Indicates whether the server rejects certain malformed HTTP request headers. The default value is `false`.
- `max-request-headers` - The maximum number of header fields that can be allowed in an HTTP request header. The range of values is 1-512.
- `output-buffer-size` - The size (in bytes) of buffer used to read the HTTP responses. The range of values is 0-2147483647.
- `max-unchunk-size` - The maximum size (in bytes) of a chunked HTTP request body the server will unchunk. The range of values is 0-2147483647.
- `unchunk-timeout` - The maximum time (in seconds) that the server will spend waiting for a chunked HTTP request body to arrive. The range of values can be between 0 - 3600 or -1 for no timeout.
- `io-timeout` - The maximum time (in seconds) that the server will wait for an individual packet. The range of values is 0-3600 or -1 for no timeout.
- `request-header-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request header. The range of values is 0-604800 or -1 for no timeout.
- `request-body-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request body. The range of values is 0-604800 or -1 for no timeout.
- `favicon` - Indicates whether the server replies to requests for `favicon.ico` with its own built-in icon file. The default value is `true`.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>- -echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>- -no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if |

you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration.

Operands *propertyname*

Specify the name of the HTTP property that you want to view.

Examples `wadm get-http-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-request-headers`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-http-prop\(1\)](#)

Name get-index-files – gets the index files

Synopsis **get-index-files** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name

Description Use this command to view the index files. Index files are a list of welcome files or startup pages for the virtual server.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **get-index-files** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-home-page\(1\)](#), [set-index-files\(1\)](#)

Name get-jdbc-resource-prop – gets the JDBC resource properties

Synopsis **get-jdbc-resource-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-jname (propertyname)*

Description Use this command to view the JDBC resource properties. The properties that you can view are as follows:

- **enabled** - Indicates whether the JDBC resource is enabled at runtime.
- **jndi-name** - The JNDI name of the resource.
- **datasource-class** - The JDBC driver class.
- **min-connections** - The minimum number of concurrent connections to maintain to the database server.
- **max-connections** - The maximum number of concurrent connections to maintain to the database server.
- **idle-timeout** - The timeout (in seconds) after which an idle connection to the database server will close.
- **wait-timeout** - The timeout (in seconds) after which a caller waiting for an available connection to the database server will receive an error.
- **isolation-level** - The level of transaction isolation.
- **isolation-level-guaranteed** - Indicates whether the server sets the isolation level each time a connection is leased to an application.
- **connection-validation** - Specifies how the server validates a connection before "leasing" it to an application.
- **connection-validation-table-name** - The name of the table if the connection-validation is a database table.
- **fail-all-connections** - Indicates whether all connections are immediately closed and reestablished when there is an error while validating a connection.
- **description** - The description of JDBC resource.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect_option.

`--verbose|-v` Specify this option to display a verbose output.
`--config|-c` Specify the name of the configuration.
`--jndi-name|-j` Specify the JNDI name of the JDBC resource.

Operands *propertyname* Specify the name of the JDBC resource property you want to view.

Examples `wadm get-jdbc-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=jdbc max-connections`

Exit Status The following exit values are returned:

`0` command executed successfully
`>0` error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [set-jdbc-resource-prop\(1\)](#)

Name `get-jvm-profiler-prop` – gets the JVM profiler properties

Synopsis `get-jvm-profiler-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --profiler|-r name (propertyname)*`

Description Use this command to view the Java Virtual Machine (JVM) profiler properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the profiler is enabled at runtime.
- `class-path` - The class path for the profiler.
- `native-library-path` - The native library path for the profiler.
- `jvm-options` - The JVM options for the profiler.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--profiler -r</code>	Specify the name of the JVM profiler.

Operands `propertyname` Specify the name of the JVM profiler property you want to view.

Examples `wadm get-jvm-profiler-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --profiler=testJava jvm-options`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [create-jvm-profiler\(1\)](#), [delete-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#), [get-jvm-prop\(1\)](#), [set-jvm-prop\(1\)](#)

Name get-jvm-prop – gets JVM properties

Synopsis **get-jvm-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c *name* (propertyname)*

Description Use this command to view the Java Virtual Machine (JVM) properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the server creates a JVM.
- `java-home` - The location of the JDK. The directory must be owned by the account the server runs as.
- `class-path-prefix` - The prefix for the system class path. You should only prefix the system class path if you wish to override system classes, such as the XML parser classes. Use this attribute with caution.
- `server-class-path` - The class path containing the server classes.
- `class-path-suffix` - The suffix for the system class path.
- `env-class-path-ignored` - Indicates whether the server ignores the CLASSPATH environment variable.
- `native-library-path-prefix` - The prefix for the operating system native library path.
- `sticky-attach` - Indicates whether the server attaches each HTTP request processing thread to the JVM only once instead of attaching and detaching on each request.
- `debug` - Indicates whether the JVM is started in debug mode, ready for attachment with a JPDA (Java Platform Debugger Architecture) debugger.
- `debug-jvm-options` — List of JPDA options.
- `jvm-options` — List of server-wide JVM options.
- `bytecode-preprocessor-class` - The bytecode preprocessor class.
- `profiler` - The name of the JVM profiler.

Options For connect_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the JVM property you want to view.

Examples wadm `get-jvm-prop --user=admin --password-file=admin.pwd --host=serverhost
--port=8989 --config=config1 java-home`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-jvm-prop\(1\)](#), [create-jvm-profiler\(1\)](#), [get-jvm-profiler-prop\(1\)](#),
[delete-jvm-profiler\(1\)](#)

Name get-keep-alive-prop – gets the keep-alive properties

Synopsis **get-keep-alive-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname*)*

Description Use this command to view the keep-alive properties. The keep-alive (or HTTP/1.1 persistent connection handling) subsystem in Sun Java System Web Server 7.0 is designed to be scalable. The out-of-the-box configuration can be less than optimal if the workload is non-persistent (that is, HTTP/1.0 without the KeepAlive header), or for a lightly loaded system that's primarily servicing keep-alive connections.

The properties that you can view are as follows:

- **enabled** - Indicates whether the server supports keep-alive connections. The default value is true.
- **threads** - The number of keep-alive subsystem threads. The range of values is 1–128.
- **max-connections** - The maximum number of concurrent keep-alive connections the server will support. The range of values is 1–1048576.
- **timeout** - The timeout (in seconds) after which an inactive keep-alive connection will be closed. The range of values is 0.001–3600.
- **poll-interval** - The interval (in seconds) between polls. The range of values is 0.001–1.

Options For *connect_options* description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file *connect_option*.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.

Operands *propertyname* Specify the name of the keep-alive property that you want to view.

Examples wadm **get-keep-alive-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 timeout**

Exit Status The following exit values are returned:

- 0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-keep-alive-prop\(1\)](#)

Name get-lifecycle-module-prop – gets a lifecycle module

Synopsis **get-lifecycle-module-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --module|-m *name* --config|-c *name* (*propertyname*)*

Description Use this command to view the lifecycle module properties. The properties that you can view are as follows:

- **enabled** - Indicates whether the lifecycle module is enabled at runtime.
- **name** - The name that uniquely identifies the lifecycle module.
- **class** - The class that implements the lifecycle module.
- **load-order** - The order in which the lifecycle module is loaded. It is recommended that you choose a load-order value that is greater than or equal to 100 to avoid conflicts with the internal lifecycle modules.
- **is-failure-fatal** - Indicates whether the server should treat exceptions thrown during the initialization of lifecycle module as fatal.
- **class-path** - The class path for the lifecycle module.
- **description** - The description of the lifecycle module.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect_option.
- verbose|-v** Specify this option to display a verbose output.
- module|-m** Specify the name of the lifecycle module.
- config|-c** Specify the name of the configuration.

Operands *propertyname* Specify the name of the lifecycle module property that you want to view.

Examples `wadm get-lifecycle-module-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --module=LifecycleTest class`

Exit Status The following exit values are returned:

- 0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-lifecycle-module\(1\)](#), [sget-lifecycle-module-prop\(1\)](#),
[delete-lifecycle-module\(1\)](#), [list-lifecycle-modules\(1\)](#),
[create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#),
[list-lifecycle-module-userprops\(1\)](#)

Name get-localization-prop – gets the localization properties

Synopsis **get-localization-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name (propertyname)*

Description Use this command to view the localization properties. You can configure your browsers to send an Accept - language header that describes the language preference for the content you are accessing. All end user error messages are also based on the Accept - language header. The properties that you can view are as follows:

- `default-language` - The default language for messages displayed to administrators and content served to clients.
- `negotiate-client-language` - Indicates whether the server attempts to use the Accept - language HTTP header to negotiate the content language with clients. The default value is `false`.

Options For connect_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--vs|-s` Specify the name of the virtual server.
- `--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the localization property that you want to view.

Examples `wadm get-localization-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 default-language`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [set-localization-prop\(1\)](#)

Name get-log – gets the information on error logs

Synopsis **get-log** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 [--start-date|-S dd/MMM/yyyy:HH:mm:ss]
 [--end-date|-E dd/MMM/yyyy:HH:mm:ss]
 [--log-level|-l all|catastrophe|security|config|failure|warning|info|fine|finer|finest]
 [--num-records|-n number-of-records] [--vs|-s name] --config|-c name
 nodehost

Description Use this command to get the information on error logs. The error log lists all the errors the server has encountered since the log file was created. It also contains other server information such as, when the server was started and a list of unsuccessful login attempts made to the server.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--start-date -S	Specify the starting date and time from which the log messages must be shown. The format of the date must be dd/MM/yyyy:HH:mm:ss.
--end-date -E	Specify the ending date and time until which the log messages must be shown. The format of the date must be dd/MM/yyyy:HH:mm:ss.
--log-level -l	Specify the severity of the log messages that must be shown. The value can be all, catastrophe, security, config, failure, warning, info, fine, finer, and finest.
--num-records -n	Specify the number of log messages to be shown from the end of the error log file.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

Operands nodehost Specify the name of the node.

Examples `wadm get-log --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --start-date=01/01/2006:02:35:46 --config=config1 node1`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [get-access-log-prop\(1\)](#), [rotate-log\(1\)](#), [get-access-log\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#)

Name get-log-prop – gets the log properties

Synopsis **get-log-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--config|-c name (propertyname)*]

Description Use this command to view the log properties. The properties that you can view are as follows:

- **log-stdout** - Indicates whether the server logs the data that applications write to stdout. The default value is true.
- **log-stderr** - Indicates whether the server logs the data that applications write to stderr. The default value is true.
- **log-virtual-server-name** - Indicates whether the server includes the virtual server name in log messages. The default value is false.
- **create-console** - (Windows only) Indicates whether the server creates a console window. The default value is false.
- **log-to-console** - Indicates whether the server writes the log messages to the console. The default value is true.
- **log-to-syslog** - Indicates whether the server writes log messages to syslog (UNIX) or Event Viewer (Windows). The default value is false.
- **date-format** - The date format for the log message timestamps. The default value is [%d/%b/%Y:%H:%M:%S].
- **archive-suffix** - The suffix to be appended to file name of the rotated log. The default value is %Y%m%d%H%M.
- **archive-command** - The command to be executed after the server rotates a log file. The value is a program command line, for example, `gzip c:\Program Files\Perl\perl.exe" archive.pl`.
- **log-level** - The log verbosity for the server. The values can be finest (most verbose), finer, fine, info, warning, failure, config, security, or catastrophe (least verbose).
- **log-file** - The log file for the server. For example, `../logs/errors`.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the log property that you want to view.

Examples `wadm get-log-prop --user=admin --password-file=admin.pwd --host=serverhost
--port=8989 --config=config1 log-level`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-log-prop\(1\)](#)

Name `get-mail-resource-prop` – gets the mail resource properties

Synopsis `get-mail-resource-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-j name (propertyname)*`

Description Use this command to view the mail resource properties. The properties that you can view are as follows:

- `enabled` - Indicates whether the resource is enabled at runtime.
- `jndi-name` - The JNDI name of the resource.
- `host` - The mail server hostname.
- `user` - The mail server username.
- `from` - The email address from which the server sends email.
- `description` - The description of the mail resource.

Options For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

`--jndi-name|-j` Specify the JNDI name of the mail resource.

Operands *propertyname* Specify the name of the mail resource property that you want to view.

Examples `wadm get-mail-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=MailResource1`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [set-mail-resource-prop\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

Name `get-on-demand-compression-prop` – gets on demand compression properties

Synopsis `get-on-demand-compression-prop` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q] [`--verbose`|-v] [`--uri-pattern`|-t *pattern*] `--vs`|*s name* `--config`|-c *name* (*propertyname*)*

Description Use this command to view the on demand compression properties. The properties that you can view are as follows:

- `insert-vary-header` — Indicates whether to insert the `Vary: Accept-encoding` header. If set to *Yes*, a `Vary: Accept-encoding` header is inserted when a compressed version of a file is selected. If set to *No*, the header is never inserted. The default, the value is *Yes*.
- `compression-level` — Specifies the level of compression. Choose a value between 1 and 9. The value *1* yields the best speed; the value *9* the best compression. The default value is *6*, a compromise between speed and compression.
- `fragment-size` — Specifies the memory fragment size in bytes to be used by the compression library to control how much to compress at a time. The default value is *8096*.
- `enabled` — Indicates whether on—demand compression is enabled at runtime.

Options For `connect_options` description, see `help(1)`.

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--uri-pattern</code> -t	Specify the URI wildcard pattern.
<code>--vs</code> -s	Specify the name of the virtual server.
<code>--config</code> -c	Specify the name of the configuration.

Operands *propertyname* Specify the name of the on demand compression property that you want to view.

Examples `wadm get-on-demand-compression-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 compression-level`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [enable-on-demand-compression\(1\)](#), [disable-on-demand-compression\(1\)](#)

Name `get-p3p-prop` – displays the P3P properties

Synopsis `get-p3p-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the P3P (platform for privacy preferences) properties. The properties that you can view are as follows:

- `enabled` - Indicates whether P3P is enabled at runtime.
- `compact-policy` - The P3P compact policy.
- `policy-url` - The URL of the site's policy reference file.

Options For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

`--vs|-s` Specify the name of the virtual server.

Operands *propertyname* Specify the name of the P3P property that you want to view.

Examples `wadm get-p3p-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1`

Exit Status The following exit values are returned:

- `0` command executed successfully
- `>0` error in executing the command

See Also [help\(1\)](#), [enable-p3p\(1\)](#), [disable-p3p\(1\)](#)

Name `get-parsed-html-prop` – gets the parsed HTML properties

Synopsis `get-parsed-html-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the parsed HTML properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the parsed HTML option is enabled at runtime.
- `files-to-parse` — The type of files that the server will parse. The file type can be `shtml`, `exec-html`, and `alhtml`.
- `no-exec-tag` — Indicates whether the server parses HTML and allows the HTML files to execute arbitrary programs on the server.

Options For `connect_options` description, see [help\(1\)](#).

`--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--uri-pattern|-t` Specify the URI wildcard pattern.

`--config|-c` Specify the name of the configuration.

`--vs|-s` Specify the name of the virtual server.

Operands *propertyname* Specify the name of the parsed HTML property that you want to view.

Examples `wadm get-parsed-html-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [enable-parsed-html\(1\)](#), [disable-parsed-html\(1\)](#)

Name get-perfdump – gets the perfdump statistics

Synopsis **get-perfdump** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--node|-n mc-name --config|-c name

Description Use this command to view the perfdump statistics. The perfdump utility is a Server Application Function (SAF) built into Sun Java Systems Web Server, which collects the Web Server performance data and displays them in ASCII format.

This utility allows you to monitor a greater variety of statistics. With perfdump, the statistics are unified. Rather than monitoring a single process, statistics are multiplied by the number of processes. This gives you a more accurate view of the server performance.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--node -n	Specify the name of the node.
--config -c	Specify the name of the configuration.

Examples wadm **get-perfdump** --user=admin --password-file=admin.pwd --host=serverhost
--port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-perfdump-prop\(1\)](#), [enable-perfdump\(1\)](#), [disable-perfdump\(1\)](#)

Name get-perfdump-prop – gets the perfdump properties

Synopsis **get-perfdump-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*

Description Use this command to get the perfdump properties. The properties that you can view are as follows:

- enabled - Indicates whether the perfdump utility is enabled at runtime.
- uri — The URI of the perfdump utility.

Options For connect_options description, see [help\(1\)](#).

--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.

Operands *propertyname* Specify the name of the perfdump property that you want to view.

Examples wadm **get-perfdump-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-perfdump\(1\)](#), [enable-perfdump\(1\)](#), [disable-perfdump\(1\)](#)

Name get-pkcs11-prop – gets the PKCS #11 properties

Synopsis **get-pkcs11-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name (propertyname)**

Description Use this command to view the Public Key Cryptography Standard (PKCS#11) properties. PKCS#11 defines the interface used for communication between the SSL and PKCS#11 modules. PKCS#11 modules are used for standards-based connectivity to SSL hardware accelerators. The properties that you can view are as follows:

- **enabled** - Indicates whether the server initializes PKCS #11 tokens, prompting for pins as necessary. The default value is `true` if SSL is enabled and `false` if SSL is not enabled.
- **crl-path** - The path of the directory that contains dynamically updated CRL files.
- **token** - Configures a PKCS #11 token.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

Operands *propertyname* Specify the name of the PKCS#11 property that you want to view.

Examples `wadm get-pkcs11-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 crl-path`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-pkcs11-prop\(1\)](#), [list-tokens\(1\)](#), [set-token-prop\(1\)](#), [set-token-pin\(1\)](#)

Name `get-precompressed-content-prop` – gets the precompressed content properties

Synopsis `get-precompressed-content-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the precompressed content properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the precompressed content option is enabled at runtime.
- `check-age` — Indicates whether the compressed version is selected even if it is older than the non-compressed version.
- `insert-vary-header` — Indicates whether a `Vary: Accept-encoding` header is inserted when a compressed version of a file is selected.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Operands `propertyname` Specify the name of the precompressed content property that you want to view.

Examples `wadm get-precompressed-content-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [enable-precompressed-content\(1\)](#), [disable-precompressed-content\(1\)](#)

Name get-qos-limits-prop – gets the QOS limit properties

Synopsis **get-qos-limits-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s *name*] --config|-c *name* (*propertyname*)*

Description Use this command to view the quality of service (QOS) limit properties. QOS is the performance limits you set for a server instance or virtual server. The properties that you can view are as follows:

- **enabled** - Indicates whether the QOS limits are enforced at runtime. The default value is true.
- **max-bps** - The maximum transfer rate (bytes per second). The range of values is 1–2147483647.
- **max-connections** - The maximum number of concurrent connections. The range of values is 1–1048576.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Operands *propertyname* Specify the name of the QOS limits property that you want to view.

Examples wadm **get-qos-limits-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-connections**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-qos-limits-prop\(1\)](#), [get-qos-prop\(1\)](#), [set-qos-prop\(1\)](#)

Name get-qos-prop – gets the quality of service (QOS) properties

Synopsis **get-qos-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 --config|-c *name* (*propertyname*)*

Description Use this command to view the quality of service (QOS) properties. The properties that you can view are as follows:

- **enabled** - Indicates whether the system tracks the QOS information. The default value is **true** if qos-limits are enabled and **false** if qos-limits are disabled.
- **interval** - The interval (in seconds) over which QOS information is averaged. The range of values is 0.001 – 3600.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.

Operands *propertyname* Specify the name of the QOS property that you want to view.

Examples wadm **get-qos-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 interval**

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [set-qos-prop\(1\)](#), [get-qos-limits-prop\(1\)](#), [set-qos-limits-prop\(1\)](#)

Name `get-request-limits-prop` – gets the request limits property

Synopsis `get-request-limits-prop <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] [-vs|-s vs-name] --config|-c name (propertyname)*`

Description Use this command to view the request limits properties. The properties that you can view are as follows:

- `timeout` — The time limit after which a request will be timed out.
- `rps-compute-interval` - The time interval (in seconds) in which the average (request per second) RPS is computed.
- `continue-condition` — The condition that must be met for a blocked request type to be available again for servicing. The values can be `silence` or `threshold`.
- `max-rps` - The threshold value for RPS. If this value is exceeded, subsequent connections will not serviced. There is no default value because an acceptable RPS threshold can vary widely between sites.
- `monitor-attribute` - The optional request attribute that has to be monitored.
- `error-code` - The HTTP status code to use for blocked requests. The default is 503, "Service Unavailable".
- `max-connections` - The maximum number of concurrent connections.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--vs|-s` Specify the name of the virtual server.
- `--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the request limits property that you want to view.

Examples `wadm get-request-limits-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 max-connections`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [set-request-limits-prop\(1\)](#), [disable-request-limits\(1\)](#),
[enable-request-limits\(1\)](#)

Name `get-reverse-proxy-prop` – gets the reverse proxy properties

Synopsis `get-reverse-proxy-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r uri (propertyname)*`

Description Use this command to get the reverse proxy properties. The properties that you can view are as follows:

- `uri-prefix` - The path of URI.
- `server` - The URL of the remote server. If you specify multiple values, the server distributes the load among the specified servers.
- `sticky-cookie` - The name of a cookie that, when present in a response, will cause subsequent requests to stick to that origin server.
- `sticky-param` - The name of a URI parameter to inspect for route information. If a URI parameter is present in a request URI and its value contains a colon (:) followed by a route ID, the request will stick to the origin server identified by that route ID.
- `route-header` - The name of the HTTP request header used to communicate the route IDs to origin servers.
- `route-cookie` - The name of the cookie generated by the server when it encounters a sticky-cookie cookie in a response. The route-cookie cookie stores a route ID that enables the server to direct subsequent requests back to the same origin server.
- `rewrite-headers` - A list of HTTP request headers. The value can be `host`, `location`, or `content-location` where,
 - `host`: Indicates whether the host HTTP request header is rewritten to match the host specified by the server parameter. The default is `false`, which means that the host header is not rewritten.
 - `location`: Indicates whether the location HTTP response headers that match the server parameter should be rewritten. The default is `true`, which means that the matching location headers are rewritten.
 - `content-location`: Indicates whether the content-location HTTP response headers that match the server parameter should be rewritten. The default is `true`, which means that the content-location headers are rewritten.
- `auth-user` — The user to authenticate as.
- `auth-password` — The password that is needed for authentication.
- `auth-header` — The name of the HTTP request header that is used to communicate the credentials. The default value is `Authorization`. When authenticating to an proxy server, you can specify the value as `Proxy-authorization`.
- `client-cert-nickname` — The nickname of the client certificate to present to the remote server. The default is not to present a client certificate.

- `validate-server-cert` — Indicates whether the proxy server validates the certificate presented by the remote server. The default value is `true`, indicating that the proxy server will accept any certificate.
- `use-keep-alive` — Indicates whether the HTTP client should attempt to use persistent connections. The default value is `true`.
- `keep-alive-timeout` — The maximum number of seconds to keep a persistent connection open. The default value is 29.
- `always-use-keep-alive` — Indicates whether the HTTP client can reuse the existing persistent connections for all types of requests. The default value is `false`, indicating that persistent connections will not be reused for non-GET requests or for requests with a body.
- `protocol` — The HTTP protocol version string. By default, the HTTP client uses either HTTP/1.0 or HTTP/1.1 based on the contents of the HTTP request. In general, you should not use the protocol parameter unless you encounter specific protocol interoperability problems.
- `proxy-agent` — The value of the Proxy-agent HTTP request header. The default is a string that contains the proxy server product name and version.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--uri-prefix -r</code>	Specify the path of the URI.

Operands *propertyname* Specify the name of the reverse proxy property that you want to view.

Examples `wadm get-reverse-proxy-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/test/ keep-alive-timeout`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#),
[list-reverse-proxy-uris\(1\)](#), [set-reverse-proxy-prop\(1\)](#),
[block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#),
[list-reverse-proxy-headers\(1\)](#)

Name get-search-collection-prop – gets the search collection properties

Synopsis **get-search-collection-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --collection-name|-l name (propertyname)*

Description Use this command to view the search collection properties. The properties that you can view are as follows:

- **enabled** — Indicates whether the collection can be searched at runtime. The default value is `true`.
- **name** — The name that uniquely identifies the search collection.
- **display-name** — The description of the search collection that is displayed to end users.
- **uri** — The root URI for the searchable documents.
- **document-root** — The file system root for the searchable documents.
- **path** — The path of the file system that stores the search collection meta.
- **index** — The document fields that are used for indexing.
- **include** — The types of document that is included. The values can be `html`, `htm`, `txt`, and `pdf`.
- **description** — The description of the search collection.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |
| --vs -s | Specify the name of the virtual server. |
| --collection-name -l | Specify the name of the search collection. |

Operands *propertyname* Specify the name of the search collection property that you want to view.

Examples `wadm get-search-collection-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
--collection-name=searchcollection1 display-name`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#),
[list-search-collections\(1\)](#), [delete-search-collection\(1\)](#),
[reindex-search-collection\(1\)](#), [get-search-prop\(1\)](#), [set-search-prop\(1\)](#)

Name `get-search-prop` – gets the search properties

Synopsis `get-search-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the search properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the search application is enabled at runtime. The default value is `true`.
- `max-hits` — The maximum number of search results to return in response to a single search query. The range of values is 0 - 10000.
- `uri` — The root URI for the search web application.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Operands *propertyname* Specify the name of the search property that you want to view.

Examples `wadm get-search-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 max-hits`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-documents\(1\)](#), [remove-documents\(1\)](#), [set-search-prop\(1\)](#), [get-search-collection-prop\(1\)](#), [set-search-collection-prop\(1\)](#)

Name `get-secretkey-restriction-prop` – gets the secret key restriction properties

Synopsis `get-secretkey-restriction-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t pattern] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the secret key restriction properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the secret key restriction option is enabled at runtime.
- `reject-message-file` - The location of the file that contains the reject access message.
- `min-key-size` - The minimum size of the secret key.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration for which the secret key restriction information are to be displayed.
<code>--vs -s</code>	Specify the name of the virtual server.

Operands *propertyname* Specify the name of the secret key restriction property that you want to view.

Examples `wadm get-secretkey-restriction-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 min-key-size`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [enable-secretkey-restriction\(1\)](#), [disable-secretkey-restriction\(1\)](#)

Name get-servlet-container-prop – gets the servlet container properties

Synopsis **get-servlet-container-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname*)*

Description Use this command to view the Servlet container properties. The properties that you can view are as follows:

- `dynamic-reload-interval` - The interval when the server checks the deployed web applications for modifications. The range of values is 1–60, or –1 if dynamic reloading should be disabled. The default value is –1.
- `log-level` - The log verbosity for the Servlet container. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- `anonymous-role` - The name of the default or anonymous, role assigned to all principals. The default role is `ANYONE`.
- `single-threaded-servlet-pool-size` - The number of Servlet instances to instantiate per `SingleThreadedServlet`. The range of values is 1–4096.
- `cross-context-allowed` - Indicates whether the request dispatchers are allowed to dispatch to another context. The default value is `true`.
- `reuse-session-id` - Indicates whether any existing session ID number is reused when creating a new session for that client. The default value is `false`.
- `encode-cookies` - Indicates whether the Servlet container encodes the cookie values. The default value is `true`.
- `dispatcher-max-depth` - The maximum depth for the Servlet container allowing nested request dispatches. The range of values is 0–2147483647. The default value is 20.
- `secure-session-cookie` — Controls the conditions under which the `JSESSIONID` cookie is marked secure. The values can be as follows:
 - `dynamic` — marks the cookie secure only when the request is received on a secure connection.
 - `true` — always marks the cookie secure.
 - `false` — never marks the cookie secure.

The default value is `dynamic`.

Options For `connect_options` description, see [help\(1\)](#).

`--echo|-e`

Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

`--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the Servlet container property that you want to view.

Examples `wadm get-servlet-container-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 log-level`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-servlet-container-prop\(1\)](#)

Name get-servlet-stats – gets Servlet statistics

Synopsis **get-servlet-stats** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --node|-n *mc-name* --vs|-s *vs-name* --uri|-r *web-app-uri*

Description Use this command to view the Servlet statistics.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--node -n	Specify the name of the node.
--vs -s	Specify the name of the virtual server.
--uri -r	Specify the name of the web application URI.

Examples wadm **get-servlet-stats --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --node=node1 --vs=config1_vs_1 /servlet-simple**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-config-stats\(1\)](#), [get-virtual-server-stats\(1\)](#), [get-webapp-stats\(1\)](#)

Name get-session-replication-prop – gets the session replication property

Synopsis **get-session-replication-prop** <connect_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n name] --config|-c name (propertyname)*

Description Use this command to view the session replication property. The properties that you can view are as follows:

- **key** - The secret key that members of the cluster use to authenticate each other. Only applicable at the *cluster* level.
- **encrypted** - Indicates whether the session data is encrypted prior to replication. The default value is `false`. Only applicable at the *cluster* level.
- **protocol** - The protocol used for session replication. The values can be `http` or `jrmp`. Only applicable at the *cluster* level.
- **async** - Indicates whether session replication is allowed to occur asynchronously from HTTP request/response processing. The default value is `true`. Only applicable at the *cluster* level.
- **getAttribute-triggers-replication** - Indicates whether a call to the `HttpSession.getAttribute` method should cause a session to be backed up. The default value is `true`. Only applicable at the *cluster* level.
- **replica-discovery-max-hops** - The maximum number of instances that should be contacted while attempting to find the backup of a session. The range of values is 1–2147483647, or -1 for no limit. Only applicable at the *cluster* level.
- **startup-discovery-timeout** - The maximum time (in seconds) that an instance will spend trying to contact its designated backup instance. The range of values is 0.001–3600. Only applicable at the *cluster* level.
- **cookie-name** - The name of the cookie that tracks which instance owns a session. Only applicable at the *cluster* level.

Options For connect_options description, see [help\(1\)](#).

- | | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--node -n</code> | Specify the name of the node. |

`--config|-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the session replication property that you want to view.

Examples `wadm get-session-replication-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 cookie-name`

Exit Status The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

See Also [help\(1\)](#), [set-session-replication-prop\(1\)](#)

Name `get-single-signon-prop` – gets the single sign-on properties

Synopsis `get-single-signon-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the single sign-on properties. The properties that you can view are as follows:

- `enabled` — Indicates whether the single sign-on feature is enabled at runtime. The default value is `false`.
- `idle-timeout` — The timeout (in seconds) after which the user's single sign-on records becomes eligible for purging if no activity is seen. The range of values is 0.001 - 3600, or -1 for no timeout. The default value is 300 seconds.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

Operands *propertyname* Specify the name of the single sign-on property that you want to view.

Examples `wadm get-single-signon-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 idle-timeout`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [enable-single-signon\(1\)](#), [disable-single-signon\(1\)](#)

Name get-snmp-prop – gets SNMP properties

Synopsis **get-snmp-prop** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
 --config|-c *name* (*propertyname*)*

Description Use this command to get the SNMP properties. The SNMP protocol is used to exchange data about network activity.

With SNMP, data travels between a managed device and a network management station (NMS). A managed device is anything that runs SNMP: hosts, routers, your Web Server, and other servers on your network. The NMS is a machine used to remotely manage that network. The properties that you can view are as follows:

- **enabled** — Indicates whether SNMP is enabled at runtime. The default value is `true`.
- **master-host** — The network address of the SNMP master agent.
- **description** — The description of the server.
- **organization** — The organization that owns the server.
- **location** — The location of the server.
- **contact** — The contact information of the person responsible for the server.

Options For `connect_options` description, see [help\(1\)](#).

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| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |

Operands *propertyname* Specify the name of the SNMP property that you want to view.

Examples `wadm get-snmp-prop --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 master-host`

Exit Status The following exit values are returned:

- | | |
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| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [enable-snmp\(1\)](#), [disable-snmp\(1\)](#)

Name get-soap-auth-provider-prop – gets a SOAP authentication provider

Synopsis **get-soap-auth-provider-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --provider|-o *name* (*propertyname*)*

Description Use this command to view the Simple Object Access Protocol (SOAP) authentication provider properties. The properties that you can view are as follows:

- *name* — The name that uniquely identifies the SOAP message-level authentication provider for use in default-soap-auth-provider-name and sun-web.xml.
- *class* — The class that implements the provider realm (com.sun.enterprise.security.jauth.ServerAuthModule).
- *request-policy* — Configures the authentication policy requirements for requests.
- *response-policy* — Configures the authentication policy requirements for responses.
- *property* — Configures the optional provider-specific properties.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--provider|-o Specify the name of the SOAP authentication provider.

Operands *propertyname* Specify the name of the SOAP authentication provider property that you want to view.

Examples wadm **get-soap-auth-provider-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --provider=soap-auth class**

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also `help(1)`, `create-soap-auth-provider(1)`, `set-soap-auth-provider-prop(1)`,
`delete-soap-auth-provider(1)`, `list-soap-auth-providers(1)`,
`create-soap-auth-provider-userprop(1)`, `delete-soap-auth-provider-userprop(1)`,
`list-soap-auth-provider-userprops(1)`

Name get-ssl-prop – gets SSL properties

Synopsis **get-ssl-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --http-listener|-l *name* (*propertyname*)*

Description Use this command to view the SSL properties. SSL is a software library establishing a secure connection between the client and server. SSL is used to implement HTTPS, the secure version of HTTP. The properties that you can view are as follows:

- **enabled** — Indicates whether SSL/TLS is enabled at runtime. The default value is `true`.
- **server-cert-nickname** — The nickname of a server certificate.
- **ssl2** — Indicates whether SSL2 connections are accepted. The default value is `false`.
- **ssl3** — Indicates whether SSL3 connections are accepted. The default value is `true`.
- **tls** — Indicates whether TLS connections are accepted. The default value is `true`.
- **tls-rollback-detection** — Indicates whether the server detects and blocks TLS version rollback attacks. The default value is `true`.
- **client-auth** — The client certificate authentication method. The value can be `required`, `optional`, or `false`.
- **client-auth-timeout** — The timeout (in seconds) after which client authentication handshake fails. The range of values is 0.001 - 3600.
- **max-client-auth-data** — The maximum amount of application-level data to buffer during a client authentication handshake. The range of values is 0 - 2147483647.

Options For `connect_options` description, see [help\(1\)](#).

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| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |
| --http-listener -l | Specify the name of the HTTP listener. |

Operands *propertyname* Specify the name of the SSL property that you want to view.

Examples `wadm get-ssl-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --http-listener=config1_ls1 client-auth-timeout`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [set-ssl-prop\(1\)](#), [disable-ciphers\(1\)](#), [enable-ciphers\(1\)](#)

Name get-ssl-session-cache-prop – gets SSL session cache properties

Synopsis **get-ssl-session-cache-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname*)*

Description Use this command to view a SSL session cache. The properties that you can view are as follows:

- **enabled** - Indicates whether the server caches SSL/TLS sessions. The default value is true.
- **max-entries** - The maximum number of SSL/TLS sessions the server will cache. The range of values is 1–524288.
- **max-ssl2-session-age** - The maximum amount of time to cache an SSL2 session. The range of values is 5–100.
- **max-ssl3-tls-session-age** - The maximum amount of time to cache an SSL3/TLS session. The range of values is 5–86400.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect_option.
- verbose|-v** Specify this option to display a verbose output.
- config|-c** Specify the name of the configuration.

Operands *propertyname* Specify the name of the SSL session cache property that you want to view.

Examples wadm **get-ssl-session-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-ssl2-session-age**

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [set-ssl-session-cache-prop\(1\)](#)

Name get-stats-prop – gets statistics properties

Synopsis **get-stats-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c *name* (*propertyname*)*

Description Use this command to view properties of the statistics collection subsystem. The properties that you can view are as follows:

- **enabled** - Indicates whether the server collects statistics at runtime. The default value is `true`.
- **interval** - The interval (in seconds) at which statistics are updated. The range of values is 0.001 - 3600.
- **profiling** - Indicates whether performance buckets that are used to track NSAPI function execution time are enabled. The default value is `true`.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration

Operands *propertyname* Specify the name of statistics property that you want to view.

Examples wadm **get-stats-prop** --user=admin --password-file=admin.pwd --host=serverhost
--port=8989 --config=config1 interval

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [set-stats-prop\(1\)](#)

Name get-stats-xml – gets the XML statistics

Synopsis `get-stats-xml <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
 --config|-c name --node|-n mc-name`

Description Use this command to view the XML statistics of a server configuration.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--node -n</code>	Specify the name of the node.

Examples `wadm get-stats-xml --user=admin --password-file=admin.pwd --host=serverhost
 --port=8989 --config=config1 --node=node1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-stats-xml-prop\(1\)](#), [enable-stats-xml\(1\)](#), [disable-stats-xml\(1\)](#)

Name `get-stats-xml-prop` – gets the XML statistics properties

Synopsis `get-stats-xml-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*`

Description Use this command to view the XML statistics properties of a server configuration.

- `enabled` - Indicates whether the XML statistics option is enabled at runtime.
- `uri` — The URI of the XML statistics.

Options For `connect_options` description, see [help\(1\)](#).

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| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |
| <code>--vs -s</code> | Specify the name of the virtual server. |

Operands `propertyname` Specify the name of the XML property that you want to view.

Examples `wadm get-stats-xml-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

- | | |
|--------------------|--------------------------------|
| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [get-stats-xml\(1\)](#), [enable-stats-xml\(1\)](#), [disable-stats-xml\(1\)](#)

Name get-symlinks-prop – gets the symbolic link properties

Synopsis **get-symlinks-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --vs|-s *name* --config|-c *name* (*propertyname*)*

Description Use this command to view the symbolic link properties. The properties that you can view are as follows:

- **allow-soft-links** — allows soft file system links. The values can be:
 - **true** - always allow soft file system links
 - **false** - never allow soft file system links
 - **on-owner-match** - only allow when owners match
- **allow-hard-links** — allows hard file system links. The values can be:
 - **true** - always allow hard file system links
 - **false** - never allow hard file system links
- **directory** — Name of the directory from which links will be searched.

Options For connect_options description, see [help\(1\)](#).

- | | |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --uri-pattern -t | Specify the URI wildcard pattern. |
| --config -c | Specify the name of the configuration. |
| --vs -s | Specify the name of the virtual server. |

Operands *propertyname* Specify the name of the symbolic link property that you want to view.

Examples `wadm get-symlinks-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1`

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [set-symlinks-prop\(1\)](#)

Name get-thread-pool-prop – gets thread pool properties

Synopsis **get-thread-pool-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname*)*

Description Use this command to view the thread pool properties. You can use thread pools to allocate a certain number of threads to a specific service. By defining a pool with the maximum number of threads as 1, only one request is allowed to the specified service function.

The properties that you can view are as follows:

- **enabled** - Indicates whether the thread pool is enabled at runtime.
- **min-threads** - The minimum number of HTTP request processing threads. The range of values is 1–4096.
- **max-threads** - The maximum number of HTTP request processing threads. The range of values is 1–4096.
- **stack-size** - The stack size (in bytes) for HTTP request processing threads. The range of values is 8192–67108864.
- **queue-size** - The maximum number of concurrent HTTP connections that can be queued waiting for processing. The range of values is 1–1048576.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.

Operands *propertyname* Specify the name of the thread pool property that you want to view.

Examples wadm **get-thread-pool-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-threads**

Exit Status The following exit values are returned:

- 0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [set-thread-pool-prop\(1\)](#)

Name get-unix-homedir-prop – gets UNIX home directory properties

Synopsis **get-unix-homedir-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name (propertyname)*

Description Use this command to view the properties of the UNIX home directory. The properties that you can view are as follows:

- uri-prefix - The URI prefix for the user directory.
- sub-dir - The name of the sub directory.
- load-db-on-startup - The name of the password file that is loaded at server startup.
- user-pwfile - The name of the file that contains the user password.
- use-system-pwfile - Indicates whether the users are looked up from the password file specified in user-pwfile option.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--vs|-s Specify the name of the virtual server.

Operands *propertyname* Specify the name of the UNIX home directory property that you want to view.

Examples wadm **get-unix-homedir-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 user-pwfile**

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [enable-unix-homedir\(1\)](#), [disable-unix-homedir\(1\)](#)

Name `get-url-redirect-prop` – displays the forwarding URL properties

Synopsis `get-url-redirect-prop` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q] [`--verbose`|-v] [`--config`|-c *name* `--vs`|-s *name* `--url-prefix`|-r *name* (*propertyname*)*

Description Use this command to view the forwarding URL properties. The properties that you can view are as follows:

- `uri-prefix` - The URI prefix you want to redirect.
- `target-url` - The target URL to which the requests is redirected.
- `fixed-url` - The destination URL (if it is a fixed URL).

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--config</code> -c	Specify the name of the configuration.
<code>--vs</code> -s	Specify the name of the virtual server.
<code>--uri-prefix</code> -r	Specify the URI prefix you want to redirect.

Operands *propertyname* Specify the name of the property that you want to view.

Examples `wadm get-url-redirect-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1 --uri-prefix=/redirect`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-url-redirect\(1\)](#), [delete-url-redirect\(1\)](#), [list-url-redirects\(1\)](#)

- Name** `get-user-prop` – gets user information
- Synopsis** `get-user-prop` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`] [`--vs`|`-s` *name*] [`--realm`|`-l` *name*] [`--org-unit`|`-o` *ou*] [`--config`|`-c` *name*] [`--authdb`|`-a` *name*] [`--uid`|`-U` *userid*] (*propertyname*)*
- Description** Use this command to get the user information. The properties that you can view are surname, full name, email ID, phone number, and user title.
- Options** For `connect_options` description, see `help(1)`.
- `--echo`|`-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
 - `--no-prompt`|`-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
 - `--verbose`|`-v` Specify this option to display a verbose output.
 - `--config`|`-c` Specify the name of the configuration.
 - `--vs`|`-s` Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
 - `--org-unit`|`-o` Enter a description of an organizational unit within your company to which this user belongs.
 - `--authdb`|`-a` Specify the authentication database that stores the user information.
 - `--uid`|`-U` Enter the ID of the user.
 - `--realm`|`-l` Specify the realm that authenticates the user.
- Operands** *propertyname* Specify the name of the user property that you want to view.
- Examples** `wadm get-user-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=KEYFILE1 --uid=newuser`
- Exit Status** The following exit values are returned:
- 0 command executed successfully
 - >0 error in executing the command
- See Also** `help(1)`, `create-user(1)`, `set-user-prop(1)`, `delete-user(1)`, `list-users(1)`

Name get-virtual-server-prop – gets the virtual server properties

Synopsis **get-virtual-server-prop** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] --config|-c *name* --vs|-s *name* (*propertyname*)*

Description Use this command to view the properties of a virtual server. The properties that you can view are as follows:

- **object-file** - The obj.conf file that controls the request handling process for the virtual server.
- **canonical-server-name** - The canonical host name of the virtual server. Requests using a different host name will be redirected to this host name.
- **enabled** - Indicates whether the virtual server is enabled at runtime.
- **host** - The hostname the virtual server services.
- **default-object-name** - The name of the root obj.conf object.
- **name** - The name that uniquely identifies the virtual server.
- **document-root** - The document root for the virtual server.
- **mime-file** - The mime.types file that configures MIME mappings for the virtual server.
- **log-file** - The log file for the virtual server.
- **http-listener-name** - The name of an HTTP listener associated with one or more of the virtual server's hostnames.
- **acl-file** - The Access Control List (ACL) file that controls access to the virtual server.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect_option.
- verbose|-v** Specify this option to display a verbose output.
- config|-c** Specify the name of the configuration on which the virtual server exists.
- vs|-s** Specify the name of the virtual server.

Operands *propertyname* Specify the name of the virtual server property that you want to view.

Examples `wadm get-virtual-server-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 acl-file`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#),
[delete-virtual-server\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#)

Name `get-virtual-server-stats` – gets the virtual server statistics

Synopsis `get-virtual-server-stats` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`]
[`--verbose`|`-v`] [`--node`|`-n` *mc-name*] `--config`|`-c` *name* `--vs`|`-s` *vs-name*

Description Use this command to view the virtual server statistics for a given configuration.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--node</code> <code>-n</code>	Specify the name of the node.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.
<code>--vs</code> <code>-s</code>	Specify the name of virtual server.

Examples `wadm get-virtual-server-stats --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 --node=node1`
`--vs=config1_vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-config-stats\(1\)](#), [get-servlet-stats\(1\)](#), [get-webapp-stats\(1\)](#)

Name get-webapp-stats – gets web application statistics

Synopsis **get-webapp-stats** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n mc-name] --config|-c name --uri|-r web-app-uri --vs|-s vs-name

Description Use this command to view the the statistics for a given web application deployed on the given virtual server of the given instance.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--node -n	Specify the name of the node.
--config -c	Specify the name of the configuration.
--uri -r	Specify the name of web application URI.
--vs -s	Specify the name of the virtual server.

Examples wadm **get-webapp-stats** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-config-stats\(1\)](#), [get-servlet-stats\(1\)](#), [get-virtual-server-stats\(1\)](#)

Name get-webdav-prop – gets WebDAV properties

Synopsis **get-webdav-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname*)*

Description Use this command to view the WebDAV properties. You can view the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is true.
- **default-owner** - The default owner for the resources.
- **min-lock-timeout** - The minimum expiration time (in seconds) for WebDAV locks. The range of values is 0.001 - 3600, or 0 to not enforce a minimum expiration time.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to collections. The values are 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647, default 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is default.
- **auth-method** - The authentication method to use. The values can be basic, digest, or ssl. The default value is basic.
- **auth-prompt** - The prompt to display to the client requests for authentication. The default value is Sun Java System Web Server WebDAV.
- **acl-db-max-size** - The maximum size (in bytes) of memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synced to disk. The value range is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.
- **property-db-max-size** - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- **property-db-update-interval** - The interval (in seconds) at which WebDAV property databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.

- `lock-db-path` - The filename of the WebDAV lock database is stored. The path can be the absolute path or path relative to the server's config directory.
- `lock-db-update-interval` - The interval (in seconds) at which WebDAV lock databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo` | `-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt` | `-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose` | `-v` Specify this option to display a verbose output.
- `--config` | `-c` Specify the name of the configuration.

Operands *propertyname* Specify the name of the WebDAV property that you want to view.

Examples `wadm get-webdav-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 min-lock-timeout`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [enable-webdav\(1\)](#), [disable-webdav\(1\)](#), [set-webdav-prop\(1\)](#)

Name help – describes the command line interface

Synopsis help [-help|-?]

Description The Command Line Interface (CLI) enables you to configure and administer the Sun Java System Web Server 7.0. Use the command line tool `wadm` to execute the administration commands. You can invoke `wadm` in three different modes, that is, stand-alone, shell, and file mode.

- **Stand-alone mode** — In the stand-alone mode, you can directly invoke the CLI specifying the desired command, options, and operands. On completion of a command, the CLI returns back to the shell. The stand-alone mode supports both interactive and non-interactive execution of commands. Interactive execution, which is the default, prompts for the passwords if not already specified in the command or password-file. Non-interactive execution executes a command without prompting for passwords. You must specify the user and password-file options for every command that you execute in the stand-alone mode.

Example for stand-alone mode:

```
$ wadm list-configs --user=admin --host=serverhost
--password-file=./admin.pwd
```

- **Shell mode** — In the shell mode, you can invoke the CLI from a shell that is embedded within `wadm`. On completion of the command, the CLI returns back to the shell. You can exit the shell by typing `exit` or `quit`. The shell mode supports both interactive and non-interactive execution of command. This mode accepts user and password-file when you invoke `wadm`.

Example for shell mode:

```
$ wadm --user=admin --password-file=./admin.pwd
Sun Java System Web Server 7.0 B10/12/2006 09:38
wadm> list-configs
```

- **File mode** — In the file mode, you can create a commands-file containing a list of valid commands. The file mode accepts user and password-file when you invoke `wadm`.

Example for file mode:

```
$ cat sample.tcl
set wadm::command false
set x [list-configs]
puts $x
```

```
$ wadm --user=admin --password-file=./admin.pwd --commands-file=sample.tcl
```

where `sample.tcl` is the name of the commands-file.

To get help on `wadm`, type `wadm -help`

To get help on any specific command, type **wadm sub-command --help**. For example, **\$ wadm add-documents --help**.

Connect_Options Use the connect_options to connect to the Administration Server. Connect_options include administration user name, password file, host, port (SSL/non-SSL) and an optional preferences file. These options are common for all commands. In the shell mode, the connect_options that you provide while invoking wadm are automatically used for every command that you execute.

A list of connect_options and description is as follows:

```
[--user|-u admin-user] [--password-file|-w admin-pswd-file] [--host|-h admin-host]
  [--port|-p admin-port] [--no-ssl|-N] [--rcfile|-R rcfile]
```

Note – Optional arguments (or options) are displayed within square brackets [], for example, [-user|-u].

--user -u	Specify the user name of the authorized Web Server administrator.
--password-file -w	Specify the name and the location of the password file. The password file contains the password to authenticate administrators to the Administration Server. Apart from the administration password, you can also specify other passwords such as bind-password, user-password, keystore-password, token-pin, and so on. If you do not specify this option, you will be prompted for a password while executing the command.

A sample password file is as follows:

```
wadm_password=wadm-password
wadm_bind_password=bind-password
wadm_user_password=user-password
wadm_token_pin=token-pin
wadm_keystore_password=keystore-password
wadm_key_password=key-password
wadm_new_token_pin=new-token-password
wadm_admin_password=admin-password
wadm_<token_name>=token-pin
```

Note – wadm_<token_name> is applicable only for the start-instance command. You can use wadm_<token_name> to set multiple token pins to start instances on multiple nodes.

	<p>For example, a default token named <code>internal</code> is configured for any instance. The entry for the default token in the <code>password-file</code> will be <code>wadm_internal=88888888</code>.</p>
<code>--host -h</code>	<p>Specify the name of the machine where the Administration Server is running. The default host is <code>localhost</code>.</p> <p>Note – This option is required only if you are connecting to Administration Server remotely.</p>
<code>--port -p</code>	<p>Specify the port number of the Administration Server. The default non-SSL port is <code>8800</code> and the default SSL port is <code>8989</code>.</p> <p>Note – If you are invoking the CLI from an Administration Server installation, port numbers (SSL port value by default or non-SSL port value if the <code>--no-ssl</code> option is specified) are automatically picked up.</p>
<code>--no-ssl -N</code>	<p>Specify this option to use a plain text connection to communicate with the Administration Server. The default connection is SSL.</p>
<code>--rcfile -R</code>	<p>Specify the name of the <code>rcfile</code> that has to be loaded while starting <code>wadm</code>. The default file is <code>.wadmrc</code>. The <code>.wadmrc</code> file is a TCL file that gets loaded before any command is executed. You can use the long options as variables by changing the hyphen (-) in the option name to underscore (_) and prefixing it with <code>wadm</code>. For example:</p> <ul style="list-style-type: none">▪ <code>--config</code> can be set as <code>set wadm_config config1</code>▪ <code>--key-type</code> can be set as <code>set wadm_key_type ecc</code> <p>A sample <code>.wadmrc</code> is as follows:</p> <pre>set wadm_config sampleconfig set wadm_password mypassword set wadm_nodehost sample.sun.com</pre>

wadm Variables You can also set the following `wadm` variables to modify the overall behavior of `wadm`:

- `wadm::command`: (Applicable only in the file mode.) Enables you to output all commands to `stdout` and `stderr`. If set to `true`, exceptions do not stop the execution of commands, rather they are printed in the `stdout` and the next command is executed. You can set this variable in the `commands-file`.

```
$ cat commands.tcl
set wadm::command true
set x [list-configs]
puts $x
```

where `commands.tcl` is the name of the `commands-file`.

- `wadm::savehist`: (Applicable only in the shell mode.) If set to `true`, all `wadm` commands that you execute are saved in the `wadm::histfile` file. The `wadm::histfile` is saved in your home directory. You can set this variable in the `wadm` environment using the following command:

```
wadm> set wadm::savehist true
```

- `wadm::file`: This is set to `true` if you are executing the `wadm` commands in the file mode.
- `wadm::tokenize`: If set to `true`, `wadm` parses the log files in a TCL friendly format.
- `wadm::log_date_format`: Use this variable to define the date format in the log files. The default format is `MM/dd/yyyy:HH:mm:ss`.
- `wadm::date_format`: Use this variable to define a date format in which a user can enter a date. The default value is the date format of the current locale.

Exit Codes The following exit codes are returned:

- `0` — command executed successfully
- `1-4` — connection failure errors
- `10-22` — parsing errors
- `33-43` — input/output errors
- `44-56` — general errors, for example, invalid configuration value
- `76-96` — generic back-end errors
- `110-123` — errors that are specific to Mbeans
- `125` — unknown errors

Name install-cert – installs a certificate

Synopsis **install-cert** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t name] [--replace|-a] [--file-on-server|-f] [--token-pin|-P name] --config|-c name --cert-type|-y server|chain|ca --nickname|-n nickname cert-file

Description Use this command to install a certificate. Before you begin, you should have the certificate (DER) text from a certificate authority (CA). When you receive a certificate from the CA, it will be encrypted with your public key, which only you can decrypt. Web Server will use the key-pair file password you specify to decrypt the certificate when you install it.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --token -t | Specify the token (cryptographic device), which contains the encrypted public key. |
| --config -c | Specify the name of the configuration for which you are installing the certificate. |
| --replace -a | If you specify this option, the command replaces the existing certificate (if any). |
| --cert-type -y | Specify the type of certificates. The values can be server-cert, cert-chain, or trusted-ca. <ul style="list-style-type: none">▪ server-cert — Indicates that the server will use the key-pair file password you specify to decrypt the certificate when you install it.▪ cert-chain — Allows the SSL connection to continue at the client's discretion when the client does not recognize the certificate's CA. Certificate chaining is the process of presenting your CA's certificate in addition to your own.▪ trusted-ca — Accepts the certificate of a CA as a trusted CA for client authentication. |

<code>--file-on-server -f</code>	If you specify this option, the command stores a copy of the certificate file on the server where you install the certificate.
<code>--nickname -n</code>	Specify the nick name or the short name of the certificate.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.

Operands *cert-file* Specify the name of the file that stores the certificate on the server.

Examples `wadm install-cert --user=admin --port=8989 --password-file=admin.pwd
--config=config1 --token=internal --cert-type=server
--nickname=cert1 cert.req`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

Name install-crl – installs a CRL

Synopsis **install-crl** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--file-on-server|-f] --config|-c name *crl-file*

Description Use this command to install a Certificate Revocation List (CRL). A CRL is a revocation list provided by a certificate authority (CA). A CRL lists all certificates that either client or server users should no longer trust. When the data in a certificate changes, the certificate is revoked.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration where you want to install the CRL.
--file-on-server -f	If you specify this option, the CRL file is on the administration server machine.

Operands *crl-file* Specify the name of the CRL file that you want to install.

Examples wadm **install-crl --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 data/install-crl/ServerSign.crl**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [list-crls\(1\)](#), [get-crl-prop\(1\)](#), [delete-crl\(1\)](#)

Name list-acls – lists all ACLs

Synopsis **list-acls** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s name] --config|-c name

Description Use this command to list all Access Control Lists (ACL).

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to list the ACLs.

Examples wadm **list-acls** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-acl\(1\)](#), [get-acl\(1\)](#), [delete-acl\(1\)](#)

Name list-authdbs – lists all authentication databases

Synopsis **list-authdbs** *<connect_options>* [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s *name*] --config|-c *name*

Description Use this command to list all authentication databases.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify the option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to list the authentication databases.

Examples wadm **list-authdbs** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [set-authdb-prop\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name list-authdb-userprops – lists the authentication database user properties

Synopsis **list-authdb-userprops**<*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s *name*] --config|-c *name* --authdb|-a *dbname*

Description Use this command to list the authentication database user properties.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to list the authentication database user properties.
--authdb -a	Specify the name of the authentication database that contains the user properties to be listed.

Examples `wadm list-authdb-userprops --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=KEYFILE1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-auth-db\(1\)](#), [get-auth-db-prop\(1\)](#), [set-auth-db-prop\(1\)](#), [delete-auth-db\(1\)](#), [list-auth-dbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#)

Name list-auth-realms – lists all authentication realms

Synopsis **list-auth-realms** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all authentication realms.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.

Examples wadm **list-auth-realms** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-auth-realm\(1\)](#), [set-auth-realm-prop\(1\)](#), [get-auth-realm-prop\(1\)](#), [delete-auth-realm\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

Name list-auth-realm-userprops – lists authentication realm properties

Synopsis **list-auth-realm-userprops** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name* --realm|-l *name*

Description Use this command to list all authentication realm properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--realm -l	Specify the name of the authentication realm.

Examples wadm **list-auth-realm-userprops** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --realm=basic

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [set-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#)

Name list-certs – lists all certificates

Synopsis **list-certs** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--cert-type|-y (server|ca; default is 'server')] [--token|-t name] [--token-pin|-P name] --config|-c name

Description Use this command to list all certificates.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --all -l | If you specify this option, the command displays additional columns of information. |
| --token -t | Specify the token (cryptographic device), which contains the encrypted public key. |
| --token-pin -P | Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file. |
| --cert-type -y | Specify where the certificate will be used. The value can be server or ca. The default value is server. <ul style="list-style-type: none"> ▪ server — Indicates that the server will use the key-pair file password you specify to decrypt the certificate when you install it. If the cert-type is not specified, this command lists the certificates for the server-cert type. ▪ ca — Accepts the certificate of a certificate authority (CA) as a trusted CA for client authentication. |
| --config -c | Specify the name of the configuration for which you want to list the certificates. |

Examples wadm **list-certs** --user=admin --port=8989 --password-file=admin.pwd --config=config1

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-cert-request\(1\)](#), [install-cert\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#)

Name list-cgi-dirs – lists CGI directories

Synopsis **list-cgi-dirs** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to list the CGI directories.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the CGI directories.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.

Examples wadm **list-cgi-dirs** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-cgi-dir\(1\)](#), [delete-cgi-dir\(1\)](#)

Name list-cgi-envvars – lists the CGI environment variables

Synopsis **list-cgi-envvars** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list the CGI environment variables.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the CGI environment variables.

Examples wadm **list-cgi-envvars --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-cgi-envvar\(1\)](#), [create-cgi-envvar\(1\)](#)

Name list-ciphers – lists ciphers

Synopsis **list-ciphers** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--all|-l] [--cipher-type|-t *ssl2/ssl3tls*] --config|-c *name*
--http-listener|-l *name*

Description Use this command to list SSL ciphers.

If you are using a *ssl2* cipher, the following cipher names are valid:

- SSL_RC4_128_WITH_MD5
- SSL_RC4_128_EXPORT40_WITH_MD5
- SSL_RC2_128_CBC_WITH_MD5
- SSL_RC2_128_CBC_EXPORT40_WITH_MD5
- SSL_DES_64_CBC_WITH_MD5
- SSL_DES_192_EDE3_CBC_WITH_MD5

If you are using a *ssl3tls* cipher, the following cipher names are valid:

- SSL_RSA_WITH_RC4_128_MD5
- SSL_RSA_WITH_RC4_128_SHA
- SSL_RSA_WITH_3DES_EDE_CBC_SHA
- SSL_RSA_WITH_DES_CBC_SHA
- SSL_RSA_EXPORT_WITH_RC4_40_MD5
- SSL_RSA_EXPORT_WITH_RC2_CBC_40_MD5
- SSL_RSA_WITH_NULL_MD5
- SSL_RSA_WITH_NULL_SHA
- SSL_RSA_FIPS_WITH_3DES_EDE_CBC_SHA
- SSL_RSA_FIPS_WITH_DES_CBC_SHA
- TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA
- TLS_ECDH_RSA_WITH_AES_128_CBC_SHA
- TLS_ECDH_RSA_WITH_RC4_128_SHA
- TLS_ECDH_RSA_WITH_3DES_EDE_CBC_SHA
- TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA
- TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA
- TLS_RSA_EXPORT1024_WITH_DES_CBC_SHA
- TLS_RSA_EXPORT1024_WITH_RC4_56_SHA
- TLS_RSA_WITH_AES_128_CBC_SHA
- TLS_RSA_WITH_AES_256_CBC_SHA
- TLS_ECDHE_ECDSA_WITH_NULL_SHA
- TLS_ECDHE_ECDSA_WITH_3DES_EDE_CBC_SHA
- TLS_ECDHE_ECDSA_WITH_RC4_128_SHA
- TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA
- TLS_ECDHE_RSA_WITH_NULL_SHA
- TLS_ECDHE_RSA_WITH_RC4_128_SHA
- TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA

- TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--cipher-type -t</code>	Specify the type of cipher. The value can be <code>ssl2</code> or <code>ssl3tls</code> ciphers.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the ciphers.
<code>--http-listener -l</code>	Specify the name of the HTTP listener.

Examples `wadm list-ciphers --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --http-listener=http-listener-1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-ciphers\(1\)](#), [disable-ciphers\(1\)](#)

Name list-config-files – lists configuration files

Synopsis **list-config-files** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list the configuration file information.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.

Examples wadm **list-config-files** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [set-config-file\(1\)](#), [get-config-file\(1\)](#)

Name list-configs – lists all existing configurations

Synopsis `list-configs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l]`

Description Use this command to list all existing configurations.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.

Examples `wadm list-configs --user=admin --password-file=admin.pwd --host=serverhost --port=8989`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-config\(1\)](#), [delete-config\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#), [pull-config\(1\)](#)

Name list-crls – lists all installed CRLs

Synopsis **list-crls** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to list the Certificate Revocation List (CRL) for a specified configuration.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to view the CRLs.
--vs -s	Specify the name of the virtual server.

Examples `wadm list-crls --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=vs1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [install-crl\(1\)](#), [delete-crl\(1\)](#), [get-crl-prop\(1\)](#)

Name list-custom-resources – lists all custom resources

Synopsis **list-custom-resources**<*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all custom resources.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the custom resources.

Examples wadm **list-custom-resources** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#), [delete-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [get-custom-resource-prop\(1\)](#)

Name list-custom-resource-userprops – displays all custom resource properties

Synopsis **list-custom-resource-userprops** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name* --jndi-name|-j *resourcename*

Description Use this command to list all custom resource properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the name of the Java Naming and Directory Interface.

Examples wadm **list-custom-resource-userprops** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=custom

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#), [create-custom-resource\(1\)](#), [set-custom-resource-prop\(1\)](#), [delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

Name list-dav-collections – displays a list of DAV collections

Synopsis **list-dav-collections** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to view a list of DAV collections.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the DAV collection.
--vs -s	Specify the name of the virtual server.

Examples wadm **list-dav-collections** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-dav-collection\(1\)](#), [get-dav-collection-prop\(1\)](#), [set-dav-collection-prop\(1\)](#), [delete-dav-collection\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

Name list-document-dirs – lists all document directories

Synopsis **list-document-dirs** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to list all document directories.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the document directories.
--vs -s	Specify the name of the virtual server.

Examples wadm **list-document-dirs** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-document-dir\(1\)](#), [delete-document-dir\(1\)](#)

Name list-error-pages – lists error pages

Synopsis **list-error-pages** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--all|-l] --vs|-s *name* --config|-c *name*

Description Use this command to list the error pages.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the error pages.
--vs -s	Specify the name of the virtual server.

Examples wadm **list-error-pages** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [delete-error-page\(1\)](#), [set-error-page\(1\)](#), [get-error-page\(1\)](#)

Name list-events – displays all events

Synopsis **list-events** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
[--all|-l] --config|-c *name*

Description Use this command to list all scheduled events.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the events.

Examples wadm **list-events --user=admin --password-file=admin.pwd**
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-event\(1\)](#), [delete-event\(1\)](#), [disable-event\(1\)](#), [enable-event\(1\)](#)

Name `list-external-jndi-resources` – lists all external JNDI resources

Synopsis `list-external-jndi-resources` *<connect_options>* [`--echo`|-e] [`--no-prompt`|-Q] [`--verbose`|-v] [`--all`|-l] `--config`|-c *name*

Description Use this command to list all external Java Naming and Directory Interface (JNDI) resources.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> -Q	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> -v	Specify this option to display a verbose output.
<code>--all</code> -l	If you specify this option, the command displays additional columns of information.
<code>--config</code> -c	Specify the name of the configuration for which you want to list the external JNDI resources.

Examples `wadm list-external-jndi-resources --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#)

Name list-external-jndi-resource-userprops – lists all external JNDI resource properties

Synopsis **list-external-jndi-resource-userprops** <connect_options> [-echo|-e]
 [--no-prompt|-Q] [--verbose|-v] --config|-c *name*
 --jndi-name|-j *resourcename*

Description Use this command to list the external JNDI resource properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the name of the Java Naming and Directory Interface.

Examples wadm **list-external-jndi-resource-userprops** --user=admin
 --password-file=admin.pwd --host=serverhost --port=8989 --config=config1
 --jndi-name=external-jndi

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-external-jndi-resource\(1\)](#), [set-external-jndi-resource-prop\(1\)](#), [delete-external-jndi-resource\(1\)](#), [get-external-jndi-resource-prop\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#)

Name list-group-members – lists group members

Synopsis **list-group-members** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--org-unit|-o *orgunit*] [--vs|-s *name*] [--config|-c *name*] [--authdb|-a *name*] [--group|-g *group-id*]

Description Use this command to list all group members.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the group members.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Enter a description of an organizational unit within your company to which this group member belongs.
--authdb -a	Specify the name of the authentication database that stores the group information.
--group -g	Specify the ID of the group member.

Examples `wadm list-group-members --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=LDAP1 --group=group1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-group-member\(1\)](#), [delete-group-member\(1\)](#)

Name list-groups – lists user groups

Synopsis **list-groups** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
 [--all|-l] [--name|-n wildcardcharacter] [--vs|-s name] --config|-c name
 --authdb|-a name

Description Use this command to list user groups.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--name -n	Specify the name of the user group that you want to list. Use wildcard character to list specific user groups.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to list the group information.
--authdb -a	Specify the name of the authentication database that stores the group information.

Examples wadm **list-groups** --user=admin --password-file=admin.pwd
--host=serverhost--port=8989 --config=config1 --authdb=LDAP1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-group\(1\)](#), [delete-group\(1\)](#)

Name list-http-listeners – displays all existing HTTP listeners

Synopsis **list-http-listeners** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all existing HTTP listeners.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the HTTP listener sockets.

Examples wadm **list-http-listeners** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-http-listener\(1\)](#), [set-http-listener-prop\(1\)](#), [delete-http-listener\(1\)](#), [get-http-listener-prop\(1\)](#)

Name list-instances – lists all nodes or configurations

Synopsis **list-instances** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--config|-c name] [--node|-n name] [--all|-l (--config=name | --node=name)]

Description Use this command to list all nodes or configurations. If you specify the configuration name, the command lists all nodes to which the configuration is deployed. If you specify the node name, the command lists all configurations that are deployed on that node. In the verbose mode, this command also lists the instance status.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration for which you want to list instance.
--node -n	Specify the name of the node.
--all -l	If you specify this option, the command displays additional columns of information.

Examples `wadm list-instances --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name list-jdbc-resources – lists all JDBC resources

Synopsis `list-jdbc-resources <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c name`

Description Use this command to list all JDBC resources.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the JDBC resources.

Examples `wadm list-jdbc-resources --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#), [delete-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name list-jdbc-resource-userprops – lists all JDBC resource properties

Synopsis **list-jdbc-resource-userprops** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] [- -all|-l] [- -property-type|-t *type*] --config|-c *name* --jndi-name|-j *resourcename*

Description Use this command to list the JDBC resource properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--property-type -t	Specify the type of the JDBC resource property. The types of property can be property, connection-lease-property, or connection-creation-property. The default type is property.
--config -c	Specify the name of the configuration.
--jndi-name -j	Specify the name of the Java Naming and Directory Interface (JNDI).

Examples wadm **list-jdbc-resource-userprops** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=jdbc

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#), [create-jdbc-resource\(1\)](#), [set-jdbc-resource-prop\(1\)](#), [delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name list-jvm-options – lists all JVM options

Synopsis **list-jvm-options** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--profiler|-r *profiler-name*] [--debug-options|-d] [--config|-c *name*]

Description Use this command to list all Java Virtual Machine (JVM) options.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--profiler -r	Indicates if these options belong to the JVM profiler.
--debug-options -d	Specify this option to list the JVM options of type debug.
--config -c	Specify the name of the configuration for which you want to list the JVM options.

Examples wadm **list-jvm-options --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [create-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [list-jvm-profilers\(1\)](#)

Name list-jvm-profilers – lists all JVM profilers

Synopsis **list-jvm-profilers** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all Java Virtual Machine (JVM) profilers.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the JVM profilers.

Examples wadm **list-jvm-profilers** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-jvm-profiler\(1\)](#), [set-jvm-profiler-prop\(1\)](#),
[get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [create-jvm-options\(1\)](#),
[delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#)

Name list-lifecycle-modules – lists all lifecycle modules

Synopsis **list-lifecycle-modules** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all lifecycle modules.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to list the lifecycle modules.

Examples wadm **list-lifecycle-modules --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [list-lifecycle-module-userprops\(1\)](#)

Name list-lifecycle-module-userprops – lists the lifecycle module properties

Synopsis **list-lifecycle-module-userprops** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --module|-m *name*

Description Use this command to list the lifecycle module properties.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--module -m	Specify the name of the life cycle module.

Examples wadm **list-lifecycle-module-userprops --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --module=LifecycleTest**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#), [create-lifecycle-module\(1\)](#), [set-lifecycle-module-prop\(1\)](#), [delete-lifecycle-module\(1\)](#), [get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#)

Name list-locks – displays a list of locks

Synopsis `list-locks <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c name --vs|-s name --collection-uri|-d uri`

Description Use this command to view a list of locks. You can lock a resource so as to serialize access to that resource. Using a lock, a user accessing a particular resource is reassured that another user will not modify the same resource. The lock database maintained by the server keeps track of the lock tokens that are issued to users.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration for which you want to list the locks.
<code>--vs -s</code>	Specify the name of the virtual server.
<code>--collection-uri -d</code>	Specify the name of the collection URI.

Examples `wadm list-locks --user=admin --password-file=admin.pwd --host=serverhost--port=8989 --config=config1 --vs=vs1 --collection-uri=/dav1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [expire-lock\(1\)](#)

Name list-mail-resources – lists all mail resources

Synopsis **list-mail-resources** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all mail resources.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration for which you want to view the mail resources.

Examples wadm **list-mail-resources --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#),
[set-mail-resource-prop\(1\)](#), [get-mail-resource-prop\(1\)](#),
[create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#),
[list-mail-resource-userprops\(1\)](#)

Name list-mail-resource-userprops – lists the mail resource user properties

Synopsis **list-mail-resource-userprops** <connect_options> [- -echo| -e] [- -no-prompt| -Q] [- -verbose| -v] --config| -c *name* --jndi-name| -j *resourcename*

Description Use this command to list the mail resource user properties.

Options For connect_options description, see [help\(1\)](#).

- -echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- -no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.
- -verbose -v	Specify this option to display a verbose output.
- -config -c	Specify the name of the configuration.
- -jndi-name -j	Specify the JNDI name of the mail resource.

Examples wadm **list-mail-resource-userprops --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=MailResource1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#)

Name list-mime-types – lists all MIME types

Synopsis **list-mime-types** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s name] [--category|-y type|enc|lang] --config|-c name

Description Use this command to list all MIME (Multi-purpose Internet Mail Extension) types.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server.
--category -y	Specify the category of the MIME types. The value can be type, enc, or lang.
--config -c	Specify the name of the configuration.

Examples wadm **list-mime-types** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-mime-type\(1\)](#), [delete-mime-type\(1\)](#)

Name list-nodes – lists all nodes

Synopsis **list-nodes** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l]

Description Use this command to lists all the nodes that are registered to the administration server. This command also lists the node status.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.

Examples wadm **list-nodes** --user=admin --password-file=admin.pwd --host=serverhost --port=8989

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#)

Name list-org-units – lists all organization units

Synopsis **list-org-units** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--vs|-s name] --config|-c name --authdb|-a name

Description Use this command to list all organization units.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--config -c	Specify the name of the configuration for which you want to list the organization units.
--authdb -a	Specify the authentication database that stores the organization unit information.

Examples wadm **list-org-units** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb LDAP1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-group\(1\)](#)

Name list-reverse-proxy-headers – lists reverse proxy headers

Synopsis **list-reverse-proxy-headers** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name* --vs|-s *name* --uri-prefix|-r *uri*

Description Use this command to list the reverse proxy headers.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--uri-prefix -r	Specify the path of the URI.

Examples wadm **list-reverse-proxy-headers** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/test/

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#)

Name list-reverse-proxy-uris – lists the reverse proxy URIs

Synopsis **list-reverse-proxy-uris** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] [- -all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to list the reverse proxy Universal Resource Indicators (URI).

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Examples `wadm list-reverse-proxy-uris --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#), [get-reverse-proxy-prop\(1\)](#), [set-reverse-proxy-prop\(1\)](#), [block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#), [list-reverse-proxy-headers\(1\)](#)

Name list-search-collections – lists search collections

Synopsis **list-search-collections** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --vs|-s name --config|-c name

Description Use this command to list the search collections.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **list-search-collections** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-search-collection\(1\)](#), [set-search-collection-prop\(1\)](#), [delete-search-collection\(1\)](#), [get-search-collection-prop\(1\)](#), [reindex-search-collection\(1\)](#)

Name list-soap-auth-providers – lists all SOAP authentication providers

Synopsis **list-soap-auth-providers** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list the SOAP authentication providers.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.

Examples wadm **list-soap-auth-providers** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [list-soap-auth-provider-userprops\(1\)](#)

Name `list-soap-auth-provider-userprops` – lists the SOAP authentication provider properties

Synopsis `list-soap-auth-provider-userprops <connect_options> [- -echo| -e]
[- -no-prompt| -Q] [- -verbose| -v] [- -all| -l] --config| -c name
--provider| -o name`

Description Use this command to list the SOAP authentication provider properties.

Options For `connect_options` description, see [help\(1\)](#).

<code>--all -l</code>	If you specify this option, the command displays additional columns of information.
<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.
<code>--provider -o</code>	Specify the name of the SOAP authentication provider.

Examples `wadm list-soap-auth-provider-userprops --user=admin
--password-file=admin.pwd --host=serverhost --port=8989
--config=config1 --provider=soap-auth`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [create-soap-auth-provider-userprop\(1\)](#), [delete-soap-auth-provider-userprop\(1\)](#), [create-soap-auth-provider\(1\)](#), [set-soap-auth-provider-prop\(1\)](#), [get-soap-auth-provider-prop\(1\)](#), [delete-soap-auth-provider\(1\)](#), [list-soap-auth-providers\(1\)](#)

Name list-tokens – lists PKCS #11 tokens

Synopsis **list-tokens** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all PKCS#11 tokens.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.

Examples wadm **list-tokens** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-pkcs11-prop\(1\)](#), [set-pkcs11-prop\(1\)](#), [set-token-prop\(1\)](#), [set-token-pin\(1\)](#)

Name list-uri-patterns – lists all URI patterns

Synopsis **list-uri-patterns** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--feature|-f *feature*] --vs|-s *name* --config|-c *name*

Description Use this command to list all Uniform Resource Indicator (URI) patterns.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--feature -f	Specify the feature whose URI patterns should be listed.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **list-uri-patterns** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=vs1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [get-user-prop\(1\)](#), [delete-user\(1\)](#)

Name list-url-redirects – lists all forwarding URLs

Synopsis **list-url-redirects** <connect_options> [--echo|-e] [--no-prompt|-Q]
 [--verbose|-v] [--all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to list all forwarding URLs.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Examples wadm **list-url-redirects** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-url-redirect\(1\)](#), [get-url-redirect-prop\(1\)](#), [delete-url-redirect\(1\)](#)

Name list-users – lists all users

Synopsis **list-users** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] [--uid|-U *wildcardstr*] [--first-name|-f *wildcardstr*] [--last-name|-n *wildcardstr*] [--email|-m *wildcardstr*] [--vs|-s *name*] --config|-c *name* --authdb|-a *name*

Description Use this command to list all users.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--first-name -f	Specify a wildcard string for the user's first name.
--last-name -n	Specify a wildcard string for the user's last name.
--uid -U	Specify a wildcard string for the user ID.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.
--authdb -a	Specify the name of the authentication database from which the list of users will being obtained.

Examples `wadm list-users --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=KEYFILE1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-user\(1\)](#), [set-user-prop\(1\)](#), [get-user-prop\(1\)](#), [delete-user\(1\)](#)

Name list-virtual-servers – lists all virtual servers

Synopsis **list-virtual-servers** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] [--all|-l] --config|-c *name*

Description Use this command to list all virtual servers.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration where the virtual servers exist.

Examples wadm **list-virtual-servers** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-virtual-server\(1\)](#), [set-virtual-server-prop\(1\)](#),
[get-virtual-server-prop\(1\)](#), [delete-virtual-server\(1\)](#), [copy-virtual-server\(1\)](#)

Name list-webapps – lists all web applications

Synopsis **list-webapps** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--all|-l] --config|-c *name* --vs|-s *name*

Description Use this command to list all web applications.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--all -l	If you specify this option, the command displays additional columns of information.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of a virtual server.

Examples `wadm list-webapps --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-webapp\(1\)](#), [remove-webapp\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#)

Name migrate-jks-keycert – migrates all certs and keys from JKS

Synopsis **migrate-jks-keycert** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t *name*] [--key-password|-y] [--keystore-password|-t] [--token-pin|-P] --config|-c *name* --keystore|-k *path*

Description Given a Java keystore, this command will migrate all certificates and keys from the JKS to the configuration's certificate database (NSS based). The Administration password file must contain the following lines for migrate-jks-keystore, else you will be prompted for these passwords:

- wadm_key_password=<pswd>
- wadm_keystore_password=<pswd>
- wadm_token_pin=<pswd>

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v Specify this option to display a verbose output.
- key-password|-y Specify the key password while migrating the JKS. You can also define the key-password in the password file.
- keystore-password|-t Specify the key store password while migrating the JKS. You can also define the keystore-password in the password file.
- token|-t Specify the token (cryptographic device), which contains the encrypted public key.
- token-pin|-P Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
- config|-c Specify the name of the configuration.
- keystore|-k Specify the path to the JKS path.

Examples wadm migrate-jks-keycert --user=admin --port=8989 --password-file=admin.pwd --config=config1 --keystore=client-keystore.jks

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also `help(1)`, `create-instance(1)`, `list-instances(1)`, `delete-instance(1)`,
`start-instance(1)`, `stop-instance(1)`, `restart-instance(1)`, `reconfig-instance(1)`,
`list-nodes(1)`, `migrate-server(1)`

Name migrate-server – migrates instances

Synopsis **migrate-server** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--search-collection-copy-path|-s *directory*] [--log-dir|-d *directory*] [--all|-l] [--config|-c *newconfigname*] [--instance|-n *instancename*] --server-root|-r *path*

Description Use this command to migrate Web Server instances. This command migrates a Web Server 6.0 or 6.1 instance to Web Server 7.0. The old and new instance installation should always be on the same machine. Before migration, stop the old server instance to avoid any port clashes. See the migration log before using the migrated instance to check if any manual configuration is required.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--search-collection-copy-path -s	Specify the directory for the search-collections of the old instance.
--config -c	Specify the name of the new configuration that will be created after migration.
--instance -n	Specify the name of the instance to be migrated.
--all -l	Specify this option to migrate all server instances.
--log-dir -d	Specify the directory for creating the migration log files, for example, <i>server_root/admin-serv/logs</i> .
--server-root -r	Specify the installation location (directory) where previous versions of Web Server, that is, 6.0 or 6.1 is installed.

Examples **wadm migrate-server --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --log-dir=/sun/WS7/https-server1/logs --server-root=/sun/WS7 --instance=https-instance1**

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#),
[start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#),
[list-nodes\(1\)](#), [migrate-jks-keycert\(1\)](#)

Name pull-config – pulls a configuration from a node to overwrite the config-store

Synopsis **pull-config** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c *name nodehost*

Description Use this command to pull a configuration from any instance of the configuration and overwrite the configuration in the config-store. You can use this command when an instance is modified manually, so that the manual modification can be reflected in the config-store.

Caution – Do not edit any file under the config-store directory. The files under this directory are created by Sun Java System Web Server for internal use.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the server configuration.

Operands *nodehost* Specify the name of the node.

Examples wadm **pull-config** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 node1

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-config\(1\)](#), [delete-config\(1\)](#), [list-configs\(1\)](#), [deploy-config\(1\)](#), [copy-config\(1\)](#)

Name reconfig-instance – reconfigures server instances

Synopsis **reconfig-instance** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*nodehost*)*

Description Use this command to reconfigure server instances. Configuration changes are reflected on instances without a server restart. Only dynamically reconfigurable changes in the configuration will be effected.

Changes in the user, temp-path, log, thread-pool, pkcs11, stats, cgi, dns, dns-cache, file-cache, acl-cache, ssl-session-cache, access-log-buffer, and jvm [except log-level] settings will not come in to effect after a reconfiguration. Any such changes that require restart will be logged when a reconfiguration is done. Reconfiguring the file cache requires a server restart.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

Operands *nodehost* Specify the name of the node.

Examples wadm **reconfig-instance --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 node1**

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name register-node – registers a node to an administration server.

Synopsis **register-node** <connect_options> [--echo | -e] [--no-prompt | -Q] [--verbose | -v]

Description Use this command to register an administration node with an administration server. Note that the administration server must be running for register-node to work

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.

Examples wadm **register-node --user=admin --password-file=admin.pwd --host=serverhost --port=8989**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [remove-node\(1\)](#)

Name reindex-search-collection – reindexes a search collection

Synopsis **reindex-search-collection** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --vs|-s *name* *collection-name*

Description Use this command to reindex a search collection. If you modify the documents after creating a collection, the collection is reindexed. Reindexing a collection does not index any new content into the collection; it only updates the existing contents. Also, it removes the index entries for documents that are no longer present in the server file system.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Operands *collection-name* Specify the name of the collection.

Examples wadm **reindex-search-collection** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 searchcollection1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-search-collection\(1\)](#), [list-search-collections\(1\)](#), [delete-search-collection\(1\)](#)

Name remove-documents – removes search documents

Synopsis **remove-documents** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --pattern|-t pattern --config|-c name --collection|-l name

Description Use this command to remove the search documents.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--pattern -t	Specify the wild card pattern of the documents that have to be deleted.
--config -c	Specify the name of the configuration.
--collection -l	Specify the name of the collection.

Examples wadm **remove-documents** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --pattern=*.html --collection=searchcollection1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-documents\(1\)](#)

Name `remove-node` – removes a node from the server farm

Synopsis `remove-node <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] [- -force|-f] [- -node|-n name]`

Description Use this command to remove a node from the server farm.

Options For `connect_options` description, see [help\(1\)](#).

<code>- -echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>- -no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>- -password-file</code> <code>connect_option</code> .
<code>- -verbose -v</code>	Specify this option to display a verbose output.
<code>- -force -f</code>	Specify this option to enable a forced removal of a node.
<code>- -node -n</code>	Specify the name of the node that you want to remove.

Examples `wadm remove-node - -user=admin - -password-file=admin.pwd - -host=serverhost - -port=8989 - -node=node1`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [register-node\(1\)](#)

Name remove-webapp – removes web applications

Synopsis **remove-webapp** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s name --uri|-r context-root --config|-c name

Description Use this command to remove a web application.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--uri -r	Specify the root URI for the web application.
--config -c	Specify the name of the configuration.

Examples wadm **remove-webapp --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri=/testapp**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-webapp\(1\)](#), [enable-webapp\(1\)](#), [disable-webapp\(1\)](#), [list-webapps\(1\)](#)

Name `renew-admin-certs` – renews administration certificates

Synopsis `renew-admin-certs <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token-pin|-P name] [--validity|-d num of months]`

Description Use this command to renew the administration certifications with the nicknames `Admin-CA-Cert`, `Admin-Server-Cert`, and `Admin-Client-Cert`. This command also updates the nodes that are currently running and are accessible with the renewed certificates.

After you run this command, it is recommended that you stop and restart the administration servers and nodes so that the new certificates will be in effect. It is necessary that you re-register a node if the node was offline (not running or was not accessible due to network problems) during the renewal of the certificates.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
<code>--validity -d</code>	Specify the validity period (in months) for the administration certificates. The default validity period is 120 months.

Examples `wadm renew-admin-certs --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --validity=120`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [delete-cert\(1\)](#), [get-cert-prop\(1\)](#), [install-cert\(1\)](#)

Name restart-admin – restarts the administration server or node

Synopsis **restart-admin** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
nodehost

Description Use this command to restart the administration server or node. This command allows you to restart only the administration server. To restart any instance, use the restart-instance command.

Options For connect_options description, see [help\(1\)](#).

- -echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

- -no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.

- -verbose|-v Specify this option to display a verbose output.

Operands *nodehost* Specify the name of the administration server or node.

Examples wadm **restart-admin --user=admin --password-file=admin.pwd**
--host=serverhost --port=8989 node1

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [stop-admin\(1\)](#), [set-admin-prop\(1\)](#), [get-admin-prop\(1\)](#)

Name restart-instance – restarts instances

Synopsis **restart-instance** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name (nodehost)**

Description Use this command to restart the instance running on the specified configuration and on the specified node. If no nodes are specified, all instances running on the specified configuration are restarted. If the instance on any node is not running, this command will display an error.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the configuration that the instance points to.

Operands *nodehost* Specify the name of the node.

Examples wadm **restart-instance --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 node1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [start-instance\(1\)](#), [stop-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name rotate-log – rotates log

Synopsis **rotate-log** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name (nodehost)*

Description Use this command to rotate log. You can set up your log files to be automatically archived. At a certain time, or after a specified interval, the server rotates your access logs. The server saves the old log files and marks the saved file with a name that includes the date and time they were saved.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

Operands nodehost Specify the name of the node.

Examples wadm rotate-log --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 node1

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-log-prop\(1\)](#), [get-access-log-prop\(1\)](#)

Name set-access-log-buffer-prop – edits the access log buffer properties

Synopsis **set-access-log-buffer-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the access log buffer properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the system buffers access log updates. The default value is true.
- **buffer-size** - The size (in bytes) of individual access log buffers. The range of values is 4096–1048576.
- **max-buffers** - The maximum number of access log buffers per server. The range of values is 1–65536.
- **max-buffers-per-file** - The maximum number of access log buffers per access log file. The range of values is 1–128.
- **max-age** - The maximum amount of time to buffer a given access log entry. The range of values is 0.001–3600.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the access log buffer property that you want to edit.

Examples wadm **set-access-log-buffer-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-buffers=100**

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [get-access-log-buffer-prop\(1\)](#), [enable-access-log\(1\)](#), [disable-access-log\(1\)](#), [get-access-log\(1\)](#), [get-log\(1\)](#), [get-log-prop\(1\)](#), [set-log-prop\(1\)](#), [rotate-log\(1\)](#)

Name set-acl – edits an Access Control List

Synopsis `set-acl <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name --aclfile|-l file`

Description Use this command to edit an Access Control List (ACL).

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--aclfile -l</code>	Specify the name of ACL file that you want to edit to add or remove an access control entry.
<code>--config -c</code>	Specify the name of the configuration.

Example `wadm set-acl --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --vs=config1_vs_1 --config=config1 --aclfile=aclfile1`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-acl\(1\)](#), [list-acls\(1\)](#), [delete-acl\(1\)](#)

Name set-acl-cache-prop – edits acl cache properties

Synopsis **set-acl-cache-prop** <connect_options> [- -echo | -e] [- -no-prompt | -Q]
[- -verbose | -v] - -config | -c *name* (*propertyname=value*)+

Description Use this command to edit the access control list (ACL) cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches the file content and meta information. The default value is `true`.
- **max-users** - The maximum number of users for which the server will cache authentication information. The range of values is 1 - 1048576.
- **max-groups-per-user** — The maximum number of groups per user for which the server will cache the membership information. The range of values is 1 - 1024.
- **max-age** — The maximum amount of time ((in seconds) to cache the authentication information. The range of values is 0.001 - 3600.

Options For connect_options description, see [help\(1\)](#).

<code>- -echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>- -no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>- -password-file</code> connect_option.
<code>- -verbose -v</code>	Specify this option to display a verbose output.
<code>- -config -c</code>	Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the file cache property that you want to edit.

Examples `wadm set-acl-cache-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 max-age=1200`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-acl-cache-prop\(1\)](#)

Name set-admin-prop – sets the administration node properties

Synopsis **set-admin-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n *nodeHost*] (*propertyname=value*)+

Description Use this command to edit the administration node properties. The properties that you can edit are as follows:

- `instance-root` — The path of the default instance root created during Web Server installation.
- `install-root` — The path of the default install root created during Web Server installation.
- `server-version` — The version of the Web Server installed.
- `is-admin-server` - Flag that identifies the specified node as the administration server.
- `host` - The host name of the administration server.
- `description` - The description of the node.
- `server-user` - The user ID of the server user, for example, root.
- `ssl-port` - The SSL port if the server uses SSL connection to communicate.
- `java-home` - The location of the JDK. The directory must be owned by the account the server runs as.
- `log-level` - The log verbosity for the server.
- `log-file` - The path of the server's log file.
- `admin-user` - The user name of the authorized Web Server administrator.
- `access-log-file` - The path of the server's access log file.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --node -n | Specify the name of the node. |

Operands *propertyname=value* Specify the name and value of the administration node property that you want to edit.

Examples `wadm set-admin-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --node=node1 is-admin-server=false`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [list-nodes\(1\)](#), [get-admin-prop\(1\)](#),

Name set-authdb-prop – edits the authentication database properties

Synopsis **set-authdb-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name --authdb|-a authdb-name (propertyname=value)+

Description Use this command to edit the authentication database properties. The properties that you can edit are as follows:

- pam - Indicates whether the authentication database is of type PAM.
- keyFile - Indicates whether the authentication database is of type keyFile.
- digestFile - Indicates whether the authentication database is of type digestFile.
- ldap - Indicates whether the authentication database is of type LDAP.
- url — The URL of the authentication database.
- auth-expiring-url — The URL to which the server redirects the request to in case the password is about to expire soon.
- bind-dn — The name that the Administration Server uses to initially bind (or log in) to the directory server, for example, cn=Directory Manager.
- bind-pw — The password used for authentication.
- dc-suffix — The dcsuffix of the LDAP database.
- search-filter — The search filter to find the user.
- group-search-filter — The search filter to find group memberships for the user.
- group-search-attr — The LDAP attribute name that contains the group name entries.
- digestauthstat — Indicates whether the LDAP server is capable of handling HTTP digest authentication.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --vs -s | Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server. |

`--config|-c` Specify the name of the configuration for which the authentication database properties are being edited.

`--authdb|-a` Specify the name of the authentication database.

Operands *propertyname=value* Specify the name and value of the authentication database property that you want to edit.

Examples `wadm set-authdb-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --authdb=KEYFILE1 bind-pw=admin`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-pam-authdb\(1\)](#), [create-ldap-authdb\(1\)](#), [create-file-authdb\(1\)](#), [create-authdb\(1\)](#), [get-authdb-prop\(1\)](#), [delete-authdb\(1\)](#), [list-authdbs\(1\)](#), [create-authdb-userprop\(1\)](#), [delete-authdb-userprop\(1\)](#), [list-authdb-userprops\(1\)](#)

Name set-auth-realm-prop – edits authentication realms

Synopsis **set-auth-realm-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --realm|-l *realm-name* (*propertyname=value*)⁺

Description Use this command to edit an authentication realm. The properties that you can edit are as follows:

- **type** —The name of a built-in authentication realm type. (Applicable only when class is omitted.)
- **class** - The class that implements a pluggable Servlet container authentication realm. (Applicable only when class is omitted.)

Options

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--realm -l	Specify the name of the authentication realm.

Operands *propertyname=value* Specify the name and value of the authentication realm property that you want to edit.

Examples wadm **set-auth-realm-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --realm=basic type=file**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-auth-realm\(1\)](#), [delete-auth-realm\(1\)](#), [get-auth-realm-prop\(1\)](#), [list-auth-realms\(1\)](#), [create-auth-realm-userprop\(1\)](#), [delete-auth-realm-userprop\(1\)](#), [list-auth-realm-userprops\(1\)](#)

Name set-cache-control-directives – edits cache control directives information

Synopsis **set-cache-control-directives** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] [- -uri-pattern|-t *pattern*] --config|-c *name* --vs|-s *name* (*propertyname=value*)+

Description Use this command to edit the file cache directives. Web Server uses the cache-control directives to control the information that is cached by a Proxy Server. Using the cache-control directives, you can override the default caching of the proxy to protect sensitive information from being cached. For these directives to work, the Proxy Server must comply with HTTP 1.1. The properties that you can edit are as follows:

- **public** — Indicates that the response is cachable by any cache. This is the default behavior.
- **private** — Indicates that the response is only cachable by a private (non-shared) cache.
- **no cache** — Indicates that the response is not cached.
- **no store** — Indicates that the cache does not store the request or response anywhere in nonvolatile storage.
- **must revalidate** — Indicates that the cache entry is revalidated from the originating server.
- **maximum age** — The maximum age (in seconds) the client accepts a response.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
<code>--vs -s</code>	Specify the name of the virtual server.

Operands *propertyname=value* Specify the name and value of the cache control directive property that you want to edit. The list of properties are `private`, `public`, `max-age`, `no-cache`, `must-revalidate`, and `no-store`.

Examples `wadm set-cache-control-directives --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
public=true private=true must-revalidate=true`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-cache-control-directives\(1\)](#)

Name set-cert-trust-prop – sets the certificate trust properties

Synopsis **set-cert-trust-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token|-t *name*] [--token-pin|-P *name*] [--nickname|-n *nickname*] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the certificate trust properties. A certificate is issued and digitally signed by a CA. You decide which CAs you trust enough to serve as verifiers of other users' identity. Before requesting a server certificate, you must create a trust database. The properties that you can edit are as follows:

- **timeout** - The timeout (in seconds) after which the server will terminate a long-running CGI program. The range of values is 0.001-3600, or -1 for no timeout.
- **idle-timeout** - The timeout (in seconds) after which the server will terminate a nonresponsive CGI program. The range of values is 0.001-3600.
- **cgistub-path** - The path to the Cgistub binary.
- **cgistub-idle-timeout** - The timeout (in seconds) after which an unused Cgistub process will be terminated. The range of values is 0.001-3600.
- **min-cgistubs** - The minimum number of Cgistub processes the server will keep while waiting to run the CGI programs. The range of values is 1-4096.
- **max-cgistubs** - The maximum number of Cgistub processes the server will keep on hand, waiting to run CGI programs. The range of values is 1-4096.

If you specify the virtual server option, you can edit the following properties:

- **user** – The name of the user to execute the CGI programs.
- **group** – The name of the group to execute the CGI programs.
- **chroot** – The additional root directory that you create to limit the server to specific directories.
- **directory** – The directory to change to after chroot but before the execution of the CGI program begins.
- **nice** – The nice value is, an increment that determines the priority of the CGI program's relative to the server. Typically, the server runs with a nice value of 0 and the nice increment would be between 0 (the CGI program runs at the same priority as the server) and 19 (the CGI program runs at a much lower priority than the server).

While it is possible to increase the priority of the CGI program above that of the server by specifying a nice increment of -1, Sun does not recommended you to do so.

Options For *connect_options* description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--token -t</code>	Specify the token (cryptographic device), which contains the encrypted public key.
<code>--token-pin -P</code>	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the <code>token-pin</code> in the password file.
<code>--nickname -n</code>	Specify the short name or the nick name of the certificate.
<code>--config -c</code>	Specify the name of the configuration.
Operands <code>propertyname=value</code>	Specify the name and value of the certificate trust property that you want to edit.

Examples `wadm set-cert-trust-prop --user=admin --port=8989 --password-file=admin.pwd --config=config1 --nickname=cert1 timeout=0.005`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [get-cert-prop\(1\)](#), [create-cert-request\(1\)](#), [list-certs\(1\)](#), [install-cert\(1\)](#), [delete-cert\(1\)](#)

Name set-cgi-prop – edits the CGI properties

Synopsis **set-cgi-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--vs|-s *name*] --config|-c *name* (*propertyname=value*)

Description Use this command to edit the common gateway interface (CGI) properties. CGI programs can be defined with any number of programming languages. The properties that you can edit are as follows:

- **timeout** - The timeout (in seconds) after which the server will terminate a long-running CGI program. The range of values is 0.001-3600, or -1 for no timeout.
- **idle-timeout** - The timeout (in seconds) after which the server will terminate a nonresponsive CGI program. The range of values is 0.001-3600.
- **cgistub-path** - The path to the Cgistub binary.
- **cgistub-idle-timeout** - The timeout (in seconds) after which an unused Cgistub process will be terminated. The range of values is 0.001-3600.
- **min-cgistubs** - The minimum number of Cgistub processes the server will keep while waiting to run the CGI programs. The range of values is 1-4096.
- **max-cgistubs** - The maximum number of Cgistub processes the server will keep on hand, waiting to run CGI programs. The range of values is 1-4096.

If you specify the virtual server option, you can edit the following properties:

- **user** – The name of the user to execute the CGI programs.
- **group** – The name of the group to execute the CGI programs.
- **chroot** – The additional root directory that you create to limit the server to specific directories.
- **directory** – The directory to change to after chroot but before the execution of the CGI program begins.
- **nice** – The nice value is an increment that determines the priority of the CGI program's relative to the server. Typically, the server runs with a nice value of 0 and the nice increment would be between 0 (the CGI program runs at the same priority as the server) and 19 (the CGI program runs at a much lower priority than the server).

You can increase the priority of the CGI program above that of the server by specifying a nice increment of -1. Sun, however, does not recommended you to do so.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--vs -s</code>	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
<code>--uri-pattern -t</code>	Specify the URI wildcard pattern.
<code>--config -c</code>	Specify the name of the configuration.
Operands <code>propertyname=value</code>	Specify the name and value of the CGI property that you want to edit.
Examples	<pre>wadm set-cgi-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 timeout=10 max-cgistubs=20 idle-timeout=600 min-cgistubs=10 cgistub-idle-timeout=60 cgistub-path=../../lib/Cgistub</pre>
Exit Status	The following exit values are returned:
0	command executed successfully
>0	error in executing the command
See Also	help(1) , get-cgi-prop(1) , create-cgi-dir(1) , delete-cgi-dir(1) , list-cgi-dirs(1)

Name set-config-file – sets the configuration file details

Synopsis **set-config-file** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --upload-file|-o *localfile* (*filename*)

Description Use this command to edit any configuration file present in the config directory under server-root.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--upload-file -o	Specify the name of the local file to be uploaded to the configuration directory.

Operands *filename* Specify the name of the configuration file.

Examples wadm **set-config-file** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--upload-file=file1 default.acl

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-config-file\(1\)](#), [list-config-files\(1\)](#)

Name set-config-prop – edits the config properties

Synopsis **set-config-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the configuration file properties. The properties that you can edit are as follows:

- `default-auth-db-name` — The name of the default authentication database.
- `user` — The name of the Web Server user.
- `audit-accesses` — Indicates whether the authentication and authorization events are logged. The default value is `false`.
- `acl-file` (read-only) — The name of the ACL file that controls access to the server.
- `mime-file` (read-only) — The name of the `mime.types` file that configures the MIME mappings for the server.
- `platform` — Indicates whether the server runs as a 32-bit or 64-bit process. The value can be 32 or 64.
- `temp-path` — The path where the server stores its temporary files.

Options For connect_options description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option.
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the configuration property that you want to edit.

Examples `wadm set-config-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 platform=64 audit-accesses=true`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [get-config-prop\(1\)](#)

Name set-custom-resource-prop – edits the custom resource properties

Synopsis **set-custom-resource-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --jndi-name|-j*name* (*propertyname=value*)+

Description Use this command to edit custom resource properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the custom resource is enabled at runtime. The default value is true.
- **jndi-name** - The Java Naming and Directory Interface (JNDI) name of the resource.
- **res-type** - The type of custom resource.
- **factory-class** - The class that instantiates a naming context which is used to look up the external resource. The value is a fully qualified class name that implements `javax.naming.spi.ObjectFactory`.
- **description** - The description of the resource.

Options For *connect_options* description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file *connect_option*.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--jndi-name|-j Specify the JNDI name of the custom resource.

Operands *propertyname=value* Specify the name and value of the custom resource property that you want to edit.

Examples `wadm set-custom-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=custom enabled=true res-type=samples.jndi.customResource.MyBean factory-class=samples.jndi.customResource.MyCustomConnectionFactory`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [create-custom-resource-userprop\(1\)](#), [delete-custom-resource-userprop\(1\)](#),
[list-custom-resource-userprops\(1\)](#), [create-custom-resource\(1\)](#),
[delete-custom-resource\(1\)](#), [list-custom-resources\(1\)](#), [get-custom-resource-prop\(1\)](#)

Name set-dav-collection-prop – edits the DAV collection properties

Synopsis **set-dav-collection-prop** <connect_options> [- -echo| -e] [- -no-prompt| -Q] [- -verbose| -v] [- -config| -c name - -vs| -s name - -uri| -r uri] (propertyname=value)+

Description Use this command to edit the DAV collection properties. You can edit the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- **default-owner** - The name of the default owner of the resources.
- **uri** - The existing root URI on which WebDAV should be enabled.
- **source-uri** - The new URI that the clients can use to access the source code of content.
- **min-lock-timeout** - The minimum time (in seconds) for WebDAV locks to expire. The range of values is 0.001 - 3600, or -1 to not enforce a minimum.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to the collections. The values can be 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647. The default value is 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is `default`.
- **auth-method** - The authentication method to use. The values can be `basic`, `digest`, or `ssl`. The default value is `basic`.
- **auth-prompt** - The prompt that will be displayed to clients during authentication. The default value is `Sun Java System Web Server WebDAV`.
- **acl-db-max-size** - The maximum size (in bytes) of the memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache the WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.

- `property-db-max-size` - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- `property-db-update-interval` - The interval (in seconds) at which WebDAV property databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.
- `lock-db-path` - The path of the WebDAV lock database.
- `lock-db-update-interval` - The interval (in seconds) at which the WebDAV lock databases are synchronized to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration where this DAV collection exists.
- `--vs|-s` Specify the name of the virtual server.
- `--uri|-r` Specify the URI through which the content is accessed.

Operands `propertyname=value` Specify the name and value of the DAV collection property that you want to edit.

Examples `wadm set-dav-collection-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri=/dav_config1 min-lock-timeout=1`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-dav-collection\(1\)](#), [delete-dav-collection\(1\)](#), [list-dav-collections\(1\)](#), [get-dav-collection-prop\(1\)](#), [enable-dav-collection\(1\)](#), [disable-dav-collection\(1\)](#)

Name set-default-content-type – edits the default content type details

Synopsis **set-default-content-type** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--charset|-r *text*] [--config|-c *name* --vs|-s *name content-type*]

Description Use this command to edit the default content type details.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.
--charset -r	Specify the default character set to be used.

Operands *content-type* Specify the type of the default content that you want to edit.

Examples wadm **set-default-content-type** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 pdf

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-directory-listing-prop\(1\)](#), [get-default-content-type\(1\)](#), [get-home-page\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name set-dns-cache-prop – edits the DNS cache properties

Synopsis **set-dns-cache-prop** <connect_options> [- -echo | -e] [- -no-prompt | -Q]
[- -verbose | -v] --config | -c name (propertyname=value)+

Description Use this command to edit the Domain Name Server (DNS) cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches the DNS lookup results. The default value is true.
- **max-age** - The maximum amount of time (in seconds) to cache a DNS lookup result. The range of values is 1–31536000.
- **max-entries** - The maximum number of DNS lookup results to cache. The range of values is 32–32768.

Options For connect_options description, see [help\(1\)](#).

- | | |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |

Operands *propertyname=value* Specify the name and value of the DNS cache property that you want to edit.

Examples wadm **set-dns-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 enabled=false**

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [get-dns-cache-prop\(1\)](#)

Name set-dns-prop – edits the DNS properties

Synopsis **set-dns-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the Domain Name Server (DNS) properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server does the DNS lookups. The default value is `false`.
- **async** - Indicates whether the server uses its own asynchronous DNS resolver instead of the operating system's synchronous resolver. The default value is `true`.
- **timeout** - The timeout (in seconds) for asynchronous DNS lookups. The range of values is 0.001–3600.

Options For `connect_options` description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the DNS property that you want to edit.

Examples `wadm set-dns-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 enabled=true async=true timeout=24`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-dns-prop\(1\)](#)

Name set-error-page – edits the error page

Synopsis **set-error-page** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] [--is-path|-a *false*] --vs|-s *name* --config|-c *name* --error-page|-g *errorpage* --code|-d *errorcode*

Description Use this command to edit the error page.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--is-path -a	If you specify this option, error page is treated as a file and not as an URI.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.
--error-page -g	Specify the page that will be displayed when an error occurs. This page can point either to a file or URI.
--code -d	Enter the error code.

Examples wadm **set-error-page** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --code=500 --error-page=/server-error-uri-new

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-error-page\(1\)](#), [delete-error-page\(1\)](#), [list-error-page-mappings\(1\)](#)

- Name** `set-external-jndi-resource-prop` – edits the external JNDI resource property
- Synopsis** `set-external-jndi-resource-prop <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-j name (propertyname=value)+`
- Description** Use this command to edit the external Java Naming and Directory Interface (JNDI) resource properties. The properties that you can edit are as follows:
- `enabled` - Indicates whether the JNDI resource is enabled at runtime.
 - `jndi-name` - The name of the JNDI resource.
 - `jndi-lookup-name` — The JNDI lookup name of the resource.
 - `res-type` - The resource type.
 - `factory-class` - The class that instantiates resources.
 - `description` - The description of the resource.
- Options** For `connect_options` description, see [help\(1\)](#).
- | | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |
| <code>--jndi-name -j</code> | Specify the name of the external JNDI resource. |
- Operands** `propertyname=value` Specify the name and value of the external JNDI resource property that you want to edit.
- Examples** `wadm set-external-jndi-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=external-jndi enabled=true res-type=org.apache.naming.resources.Resource`
- Exit Status** The following exit values are returned:
- | | |
|--------------------|--------------------------------|
| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |
- See Also** [help\(1\)](#), [create-external-jndi-resource-userprop\(1\)](#), [delete-external-jndi-resource-userprop\(1\)](#),

list-external-jndi-resource-userprops(1), create-external-jndi-resource(1),
delete-external-jndi-resource(1), get-external-jndi-resource-prop(1),
list-external-jndi-resources(1)

Name set-file-cache-prop – edits the file cache properties

Synopsis **set-file-cache-prop** <connect_options> [--echo|-e] [--no-prompt|-Q]
 [--verbose|-v] --config|-c name (propertyname=value)+

Description Use this command to edit the file cache properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server caches the file content and meta information. The default value is `true`.
- **max-age** - The maximum amount of time (in seconds) to cache the file content and/or meta information. The range of values is 0.001–3600.
- **max-entries** - The maximum number of paths for which the file content and/or meta information should be cached. The range of values is 1–1048576.
- **max-open-files** - The maximum number of file descriptors the file cache will keep open. The range of values is 1–1048576.
- **sendfile** - Indicates whether the server will attempt to use the operating system's `sendfile`, `sendfilev`, `send_file`, or `TransmitFile` system call. The default value is `true` on Windows and `false` on other platforms.
- **copy-files** - Indicates whether the server copies the cached files to a temporary directory. The default value is `true` on Windows and `false` on other platforms.
- **copy-path** - The name of the temporary directory that the server uses when `copy-files` is `true`.
- **replacement** - The cache entry replacement algorithm. The values can be `false`, `lru`, or `lfu`.
- **cache-content** - Indicates whether the server caches the file content. The default value is `true`.
- **max-heap-file-size** - The maximum size (in bytes) of files to cache on the heap. The range of values is 0–2147483647.
- **max-heap-space** - The maximum amount (in bytes) of heap to use for caching files. The range of values is between 0– 9223372036854775807.
- **max-mmap-file-size** - The maximum size (in bytes) of files to mmap. The range of values is 0-2147483647.
- **max-mmap-space** - The maximum amount (in bytes) of mmap address space to use for caching files. The range of value is 0– 9223372036854775807.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> .
<code>--verbose -v</code>	Specify this option to display a verbose output.
<code>--config -c</code>	Specify the name of the configuration.

Operands `propertyname=value` Specify the name and value of the file cache property that you want to edit.

Examples `wadm set-file-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-entries=10240 max-mmap-file-size=10 cache-content=true max-age=300 max-open-files=10 copy-files=false enabled=true max-heap-file-size=5242880 replacement=false copy-path=/tmp/https-serverhost-fecc4626/file-cache sendfile=false max-mmap-space=10 max-heap-space=104857600`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [get-file-cache-prop\(1\)](#)

Name `set-home-page` – edits the home page

Synopsis `set-home-page` *<connect_options>* [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`]
`--config`|`-c` *name* `--vs`|`-s` *name* *home-page-url*

Description Use this command to edit the home page. Home page is a document that exists on the server and acts as a catalog or entry point for the server's contents. The location of this document is defined within the server's configuration files.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.
<code>--vs</code> <code>-s</code>	Specify the name of the virtual server.

Operands *home-page-url* Specify the URL of the home page.

Examples `wadm set-home-page --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 /index.html`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [get-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-index-files\(1\)](#), [set-index-files\(1\)](#)

Name set-http-listener-prop – edits the HTTP listener properties

Synopsis **set-http-listener-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --http-listener|-l name (propertyname=value)+

Description Use this command to edit the HTTP listener properties. The properties that you can set are as follows:

- **enabled** - Indicates whether the listener is enabled at runtime.
- **name** - The name that uniquely identifies the HTTP listener.
- **ip** - The IP address on which to listen.
- **port** - The port on which to listen.
- **acceptor-threads** - The number of threads dedicated to accept connections received by this listener. The range of values is 1–128.
- **server-name** - The name of the default server. Can include a scheme (for example, http://) as prefix and port (for example, 80) as suffix.
- **blocking-io** - Indicates whether the server uses blocking IO. The default value is `false`.
- **family** - The name of the protocol family.
- **listen-queue-size** - The maximum size of the operating system listen queue. The range of values is 1 - 65536.
- **receive-buffer-size** - The size (in bytes) of the operating system socket *receive* buffer. The range of values is 1 - 1048576.
- **send-buffer-size** - The size (in bytes) of the operating system socket *send* buffer. The range of values is 1 - 1048576.
- **default-virtual-server-name** - The name of the virtual server that processes requests which did not match a host.
- **description** - The description of the HTTP listener.
- **handle-protocol-mismatch** - Indicates whether the server responds to SSL or non-SSL protocol mismatches in client requests. The default is `true`, meaning the server will attempt to detect SSL or non-SSL protocol mismatches and send an HTTP redirect or SSL alert when a mismatch is detected.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration on which the HTTP listener socket exists.

`--http-listener|-l`

Specify the name of the HTTP listener.

Operands *propertyname=value*

Specify the name and value of the property that you want to edit.

Examples `wadm set-http-listener-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --http-listener=config1_ls1 family=default send-buffer-size=5000 receive-buffer-size=5000 blocking-io=false enabled=true acceptor-threads=10 listen-queue-size=512`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-http-listener\(1\)](#), [delete-http-listener\(1\)](#), [list-http-listeners\(1\)](#), [get-http-listener-prop\(1\)](#)

Name set-http-prop – edits the HTTP properties

Synopsis **set-http-prop** <connect_options> [- -echo| -e] [- -no-prompt| -Q] [- -verbose| -v]
- -config| -c *name* (*propertyname=value*)+

Description Use this command to edit the HTTP properties. The properties that you can edit are as follows:

- `version` - The highest HTTP protocol version that the server supports.
- `server-header` - The server header that contains the name of the server software and version. The default value is Sun Java System Web Server 7.0.
- `request-header-buffer-size` - The size (in bytes) of the buffer that is used to read HTTP request header. The range of values is 0-2147483647.
- `strict-request-headers` - Indicates whether the server rejects certain malformed HTTP request headers. The default value is `false`.
- `max-request-headers` - The maximum number of header fields that can be allowed in an HTTP request header. The range of values is 1-512.
- `output-buffer-size` - The size (in bytes) of buffer used to read the HTTP responses. The range of values is 0-2147483647.
- `max-unchunk-size` - The maximum size (in bytes) of a chunked HTTP request body the server will unchunk. The range of values is 0-2147483647.
- `unchunk-timeout` - The maximum time (in seconds) that the server will spend waiting for a chunked HTTP request body to arrive. The range of values can be between 0 - 3600 or -1 for no timeout.
- `io-timeout` - The maximum time (in seconds) that the server will wait for an individual packet. The range of values is 0-3600 or -1 for no timeout.
- `request-header-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request header. The range of values is 0-604800 or -1 for no timeout.
- `request-body-timeout` - The maximum time (in seconds) that the server will wait for the complete HTTP request body. The range of values is 0-604800 or -1 for no timeout.
- `favicon` - Indicates whether the server replies to requests for `favicon.ico` with its own built-in icon file. The default value is `true`.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if |

you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose|-v`

Specify this option to display a verbose output.

`--config|-c`

Specify the name of the configuration.

Operands *propertyname=value*

Specify the name and value of the HTTP property that you want to edit.

Examples `wadm set-http-prop --user=admin --password-file=admin.pwd`
`--host=serverhost --port=8989 --config=config1 request-header-buffer-size=16384`
`max-unchunk-size=16384 max-request-headers=50 io-timeout=120`
`favicon=true unchunk-timeout=120 strict-request-headers=false`
`request-body-timeout=3600 output-buffer-size=16384`
`request-header-timeout=3600 version=HTTP/1.1`
`server-header=Sun-Java-System-Web-Server/7.0`

Exit Status The following exit values are returned:

`0` command executed successfully
`>0` error in executing the command

See Also [help\(1\)](#), [get-http-prop\(1\)](#)

Name set-index-files – edits the index files

Synopsis **set-index-files** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --vs|-s *name index-file-names*

Description Use this command to edit the index files.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Operands *index-file-names* Specify the name of the index file that you want to edit.

Examples wadm **set-index-files** --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1
--vs=config1_vs_1 index.html

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [enable-directory-listing\(1\)](#), [disable-directory-listing\(1\)](#), [get-directory-listing-prop\(1\)](#), [set-default-content-type\(1\)](#), [get-default-content-type\(1\)](#), [set-home-page\(1\)](#), [delete-home-page\(1\)](#), [get-home-page\(1\)](#), [get-index-files\(1\)](#)

Name set-jdbc-resource-prop – edits the JDBC resource properties

Synopsis **set-jdbc-resource-prop** <connect_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-jname (propertyname=value)+

Description Use this command to edit the JDBC resource properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the JDBC resource is enabled at runtime.
- **jndi-name** - The JNDI name of the resource.
- **datasource-class** - The JDBC driver class.
- **min-connections** - The minimum number of concurrent connections to maintain to the database server.
- **max-connections** - The maximum number of concurrent connections to maintain to the database server.
- **idle-timeout** - The timeout (in seconds) after which an idle connection to the database server will close.
- **wait-timeout** - The timeout (in seconds) after which a caller waiting for an available connection to the database server will receive an error.
- **isolation-level** - The level of transaction isolation.
- **isolation-level-guaranteed** - Indicates whether the server sets the isolation level each time a connection is leased to an application.
- **connection-validation** - Specifies how the server validates a connection before "leasing" it to an application.
- **connection-validation-table-name** - The name of the table if the connection-validation is a database table.
- **fail-all-connections** - Indicates whether all connections are immediately closed and reestablished when there is an error while validating a connection.
- **description** - The description of JDBC resource.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect_option.

`--verbose|-v` Specify this option to display a verbose output.
`--config|-c` Specify the name of the configuration.
`--jndi-name|-j` Specify the JNDI name of the JDBC resource.

Operands `propertyname=value` Specify the name and value of the JDBC resource property that you want to edit.

Examples `wadm set-jdbc-resource-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --jndi-name=jdbc enabled=true
min-connections=1 max-connections=5 idle-timeout=3600 wait-timeout=3600
isolation-level=serializable isolation-level-guaranteed=false
connection-validation-table-name=false connection-validation=false
fail-all-connections=true`

Exit Status The following exit values are returned:

`0` command executed successfully
`>0` error in executing the command

See Also [help\(1\)](#), [create-jdbc-resource-userprop\(1\)](#), [delete-jdbc-resource-userprop\(1\)](#),
[list-jdbc-resource-userprops\(1\)](#), [create-jdbc-resource\(1\)](#),
[delete-jdbc-resource\(1\)](#), [list-jdbc-resources\(1\)](#), [get-jdbc-resource-prop\(1\)](#)

Name set-jvm-profiler-prop – edits the JVM profiler properties

Synopsis **set-jvm-profiler-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --profiler|-r *name* (*propertyname=value*)+

Description Use this command to edit the Java Virtual Machine (JVM) profiler properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the profiler is enabled at runtime.
- `class-path` - The class path for the profiler.
- `native-library-path` - The native library path for the profiler.
- `jvm-options` - The JVM options for the profiler.

Options For connect_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--config|-c` Specify the name of the configuration.
- `--profiler|-r` Specify the name of the JVM profiler.

Operands *propertyname* Specify the name and value of JVM profiler property that you want to edit.

Examples `wadm set-jvm-profiler-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --profiler=asdf class-path=/space native-library-path=/space/ws70`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-jvm-profiler\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#), [create-jvm-options\(1\)](#), [delete-jvm-options\(1\)](#), [list-jvm-options\(1\)](#), [get-jvm-prop\(1\)](#), [set-jvm-prop\(1\)](#)

Name set-jvm-prop – edits the JVM properties

Synopsis **set-jvm-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name (propertyname=value)+

Description Use this command to edit the Java Virtual Machine (JVM) properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the server creates a JVM.
- `java-home` - The location of the JDK. The directory must be owned by the account the server runs as.
- `class-path-prefix` - The prefix for the system class path. You should only prefix the system class path if you wish to override system classes, such as the XML parser classes. Use this attribute with caution.
- `server-class-path` - The class path containing the server classes.
- `class-path-suffix` - The suffix for the system class path.
- `env-class-path-ignored` - Indicates whether the server ignores the CLASSPATH environment variable.
- `native-library-path-prefix` - The prefix for the operating system native library path.
- `sticky-attach` - Indicates whether the server attaches each HTTP request processing thread to the JVM only once instead of attaching and detaching on each request.
- `debug` - Indicates whether the JVM is started in debug mode, ready for attachment with a JPDA (Java Platform Debugger Architecture) debugger.
- `debug-jvm-options` — List of JPDA options.
- `jvm-options` — List of server-wide JVM options.
- `bytecode-preprocessor-class` - The bytecode preprocessor class.
- `profiler` - The name of the JVM profiler.

Options For connect_options description, see [help\(1\)](#).

- | | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> connect_option. |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |

`--config|-c` Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the JVM property that you want to edit.

Examples `wadm set-jvm-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 sticky-attach=false debug=true`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-jvm-prop\(1\)](#), [create-jvm-profiler\(1\)](#), [get-jvm-profiler-prop\(1\)](#), [delete-jvm-profiler\(1\)](#)

Name set-keep-alive-prop – edits the keep-alive properties

Synopsis **set-keep-alive-prop** <connect_options> [--echo|-e] [--no-prompt|-Q]
[--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the keep-alive properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server supports keep-alive connections. The default value is `true`.
- **threads** - The number of keep-alive subsystem threads. The range of values is 1–128.
- **max-connections** - The maximum number of concurrent keep-alive connections the server will support. The range of values is 1–1048576.
- **timeout** - The timeout (in seconds) after which an inactive keep-alive connection will be closed. The range of values is 0.001–3600.
- **poll-interval** - The interval (in seconds) between polls. The range of values is 0.001–1.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |

Operands *propertyname=value* Specify the name and value of the keep-alive property that you want to edit.

Examples `wadm set-keep-alive-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 timeout=60`

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [get-keep-alive-prop\(1\)](#)

Name set-lifecycle-module-prop – edits a lifecycle module

Synopsis **set-lifecycle-module-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --module|-m *name* (*propertyname=value*)⁺

Description Use this command to edit the lifecycle module properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the lifecycle module is enabled at runtime.
- **name** - The name that uniquely identifies the lifecycle module.
- **class** - The class that implements the lifecycle module.
- **load-order** - The order in which the lifecycle module is loaded. It is recommended that you choose a load-order value that is greater than or equal to 100 to avoid conflicts with the internal lifecycle modules.
- **is-failure-fatal** - Indicates whether the server should treat exceptions thrown during the initialization of lifecycle module as fatal.
- **class-path** - The class path for the lifecycle module.
- **description** - The description of the lifecycle module.

Options For connect_options description, see [help\(1\)](#).

- echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v Specify this option to display a verbose output.
- config|-c Specify the name of the configuration.
- module|-m Specify the name of the life cycle module.

Operands *propertyname=value* Specify the name and value of the lifecycle module that you want to edit.

Examples wadm **set-lifecycle-module-prop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --module=LifecycleTest class-path=/space

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-lifecycle-module\(1\)](#), [delete-lifecycle-module\(1\)](#),
[get-lifecycle-module-prop\(1\)](#), [list-lifecycle-modules\(1\)](#),
[create-lifecycle-module-userprop\(1\)](#), [delete-lifecycle-module-userprop\(1\)](#),
[list-lifecycle-module-userprops\(1\)](#)

Name `set-localization-prop` – edits the localization properties

Synopsis `set-localization-prop` <*connect_options*> [`--echo`|`-e`] [`--no-prompt`|`-Q`] [`--verbose`|`-v`] [`--vs`|`-s` *name*] `--config`|`-c` *name* (*propertyname=value*)⁺

Description Use this command to edit the localization properties. The properties that you can edit are as follows:

- `default-language` - The default language for messages displayed to administrators and content served to clients.
- `negotiate-client-language` - Indicates whether the server attempts to use the `Accept-language` HTTP header to negotiate the content language with clients. The default value is `false`.

Options For `connect_options` description, see [help\(1\)](#).

<code>--echo</code> <code>-e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt</code> <code>-Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> .
<code>--verbose</code> <code>-v</code>	Specify this option to display a verbose output.
<code>--vs</code> <code>-s</code>	Specify the name of the virtual server.
<code>--config</code> <code>-c</code>	Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the localization property that you want to edit.

Examples `wadm set-localization-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 default-language=de-1901 negotiate-client-language=true`

Exit Status The following exit values are returned:

<code>0</code>	command executed successfully
<code>>0</code>	error in executing the command

See Also [help\(1\)](#), [get-localization-prop\(1\)](#)

Name set-log-prop – sets the log properties

Synopsis **set-log-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
--config|-c name (propertyname=value)+

Description Use this command to edit the log properties. The properties that you can edit are as follows:

- **log-stdout** - Indicates whether the server logs the data that applications write to stdout. The default value is `true`.
- **log-stderr** - Indicates whether the server logs the data that applications write to stderr. The default value is `true`.
- **log-virtual-server-name** - Indicates whether the server includes the virtual server name in log messages. The default value is `false`.
- **create-console** - (Windows only) Indicates whether the server creates a console window. The default value is `false`.
- **log-to-console** - Indicates whether the server writes the log messages to the console. The default value is `true`.
- **log-to-syslog** - Indicates whether the server writes log messages to syslog (UNIX) or Event Viewer (Windows). The default value is `false`.
- **date-format** - The date format for the log message timestamps. The default value is [%d/%b/%Y:%H:%M:%S].
- **archive-suffix** - The suffix to be appended to file name of the rotated log. The default value is %Y%m%d%H%M.
- **archive-command** - The command to be executed after the server rotates a log file. The value is a program command line, for example, `gzip c:\Program Files\Perl\perl.exe" archive.pl`.
- **log-level** - The log verbosity for the server. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- **log-file** - The log file for the server. For example, `../logs/errors`.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.

`--verbose|-v` Specify this option to display a verbose output.

`--config|-c` Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of log property that you want to edit.

Examples `wadm set-log-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 log-virtual-server-name=true`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-log-prop\(1\)](#)

Name set-mail-resource-prop – edits the mail resource properties

Synopsis **set-mail-resource-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --jndi-name|-j name (propertyname=value)+

Description Use this command to edit the mail resource properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the resource is enabled at runtime.
- `jndi-name` - The JNDI name of the resource.
- `description` - The description of the mail resource.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

--jndi-name|-j Specify the JNDI name of the mail resource.

Operands *propertyname=value* Specify the name and value of mail resource property that you want to edit.

Examples wadm **set-mail-resource-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --jndi-name=MailResource1 description=MailResource1**

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-mail-resource\(1\)](#), [delete-mail-resource\(1\)](#), [list-mail-resources\(1\)](#), [get-mail-resource-prop\(1\)](#), [create-mail-resource-userprop\(1\)](#), [delete-mail-resource-userprop\(1\)](#), [list-mail-resource-userprops\(1\)](#)

Name set-pkcs11-prop – edits the PKCS#11 properties

Synopsis **set-pkcs11-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the PKCS#11 properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server initializes PKCS #11 tokens, prompting for PINs as necessary. The default value is **true** if SSL is enabled and **false** if SSL is not enabled.
- **crl-path** - The path of the directory that contains the dynamically updated CRL files.
- **token** - Configures a PKCS #11 token.

Options For *connect_options* description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file *connect_option*.

--verbose|-v Specify this option to display a verbose output.

--config|-c Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the PKCS#11 property that you want to edit.

Examples wadm **set-pkcs11-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 enabled=true crl-path=crl**

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-pkcs11-prop\(1\)](#)

Name set-qos-limits-prop – edits the QOS limit properties

Synopsis **set-qos-limits-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] --config|-c name (propertyname=value)+

Description Use this command to edit the Quality of Service (QOS) limit properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the QOS limits are enforced at runtime. The default value is true.
- **max-bps** - The maximum transfer rate (bytes/second). The range of values is 1–2147483647.
- **max-connections** - The maximum number of concurrent connections. The range of values is 1–1048576.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--vs -s	Specify the name of the virtual server.
--config -c	Specify the name of the configuration.

Operands *propertyname=value* Specify the name and value of the QOS limits property that you want to edit.

Examples wadm **set-qos-limits-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 enabled=true max-bps=1000 max-connections=100**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-qos-limits-prop\(1\)](#), [get-qos-prop\(1\)](#), [set-qos-prop\(1\)](#)

Name set-qos-prop – edits the QOS properties

Synopsis **set-qos-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the Quality of Service (QOS) settings. Quality of Service refers to the performance limits you set for a server instance or virtual server. For example, if you are an internet service provider you might want to charge different amounts of money for virtual servers depending on how much bandwidth you allow them. You can limit two areas: the amount of bandwidth and the number of connections. The properties that you can edit are as follows:

- **enabled** - Indicates whether the system tracks QOS information. The default value is `true` if qos-limits are enabled and `false` if qos-limits are disabled.
- **interval** - The interval (in seconds) over which QOS information is averaged. The range of values is 0.001 – 3600.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |

Operands *propertyname=value* Specify the name and value of the QOS property that you want to edit.

Examples `wadm set-qos-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 enabled=true interval=60`

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [get-qos-prop\(1\)](#), [get-qos-limits-prop\(1\)](#), [set-qos-limits-prop\(1\)](#)

Name set-request-limits-prop – sets the request limits properties

Synopsis **set-request-limits-prop** <connect_options> [- -echo|-e] [- -no-prompt|-Q]
[- -verbose|-v] [-vs|-svs-name] --config|-c name (propertyname=value)+

Description Use this command to edit the request limits properties. The properties that you can edit are as follows:

- `timeout` — The time limit after which a request will be timed out.
- `rps-compute-interval` - The time interval (in seconds) in which the average (request per second) RPS is computed.
- `continue-condition` — The condition that must be met for a blocked request type to be available again for servicing. The values can be `silence` or `threshold`.
- `max-rps` - The threshold value for RPS. If this value is exceeded, subsequent connections will not be serviced. There is no default value because an acceptable RPS threshold can vary widely between sites.
- `monitor-attribute` - The optional request attribute that has to be monitored.
- `error-code` - The HTTP status code to use for blocked requests. The default is 503, "Service Unavailable".
- `max-connections` - The maximum number of concurrent connections.

Options For connect_options description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file` connect_option.
- `--verbose|-v` Specify this option to display a verbose output.
- `--vs|-s` Specify the name of the virtual server.
- `--config|-c` Specify the name of the configuration.

Operands `propertyname=value` Specify the name and value of the request limits property that you want to edit.

Examples `wadm set-request-limits-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 timeout=300`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [get-request-limits-prop\(1\)](#), [disable-request-limits\(1\)](#),
[enable-request-limits\(1\)](#)

Name set-reverse-proxy-prop – sets the reverse proxy properties

Synopsis **set-reverse-proxy-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --vs|-s name --uri-prefix|-r uri (propertyname=value)+

Description Use this command to set the reverse proxy properties. The properties that you can edit are as follows:

- `uri-prefix` - The path of URI.
- `server` - The URL of the remote server. If you specify multiple values, the server distributes the load among the specified servers.
- `sticky-cookie` - The name of a cookie that, when present in a response, will cause subsequent requests to stick to that origin server.
- `sticky-param` - The name of a URI parameter to inspect for route information. If a URI parameter is present in a request URI and its value contains a colon (:) followed by a route ID, the request will stick to the origin server identified by that route ID.
- `route-header` - The name of the HTTP request header used to communicate the route IDs to origin servers.
- `route-cookie` - The name of the cookie generated by the server when it encounters a sticky-cookie cookie in a response. The `route-cookie` cookie stores a route ID that enables the server to direct subsequent requests back to the same origin server.
- `rewrite-headers` - A list of HTTP request headers. The value can be `host`, `location`, or `content-location` where,
 - `host`: Indicates whether the host HTTP request header is rewritten to match the host specified by the server parameter. The default is `false`, which means that the host header is not rewritten.
 - `location`: Indicates whether the location HTTP response headers that match the server parameter should be rewritten. The default is `true`, which means that the matching location headers are rewritten.
 - `content-location`: Indicates whether the content-location HTTP response headers that match the server parameter should be rewritten. The default is `true`, which means that the content-location headers are rewritten.
- `auth-user` — The user to authenticate as.
- `auth-password` — The password that is needed for authentication.
- `auth-header` — The name of the HTTP request header that is used to communicate the credentials. The default value is `Authorization`. When authenticating to an proxy server, you can specify the value as `Proxy-authorization`.
- `client-cert-nickname` — The nickname of the client certificate to present to the remote server. The default is not to present a client certificate.

- `validate-server-cert` — Indicates whether the proxy server validates the certificate presented by the remote server. The default value is `true`, indicating that the proxy server will accept any certificate.
- `use-keep-alive` — Indicates whether the HTTP client should attempt to use persistent connections. The default value is `true`.
- `keep-alive-timeout` — The maximum number of seconds to keep a persistent connection open. The default value is 29.
- `always-use-keep-alive` — Indicates whether the HTTP client can reuse the existing persistent connections for all types of requests. The default value is `false`, indicating that persistent connections will not be reused for non-GET requests or for requests with a body.
- `protocol` — The HTTP protocol version string. By default, the HTTP client uses either HTTP/1.0 or HTTP/1.1 based on the contents of the HTTP request. In general, you should not use the protocol parameter unless you encounter specific protocol interoperability problems.
- `proxy-agent` — The value of the Proxy-agent HTTP request header. The default is a string that contains the proxy server product name and version.

Options For `connect_options` description, see [help\(1\)](#).

- `--echo|-e` Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- `--no-prompt|-Q` If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- `--verbose|-v` Specify this option to display a verbose output.
- `--uri-prefix|-r` Specify the path of URI.
- `--config|-c` Specify the name of the configuration.
- `--vs|-s` Specify the name of the virtual server.

Operands *propertyname=value* Specify the name and value of the reverse proxy property that you want to edit.

Examples `wadm set-reverse-proxy-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 --uri-prefix=/test/ validate-server-cert=false`

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-reverse-proxy\(1\)](#), [delete-reverse-proxy\(1\)](#),
[list-reverse-proxy-uris\(1\)](#), [get-reverse-proxy-prop\(1\)](#),
[block-reverse-proxy-header\(1\)](#), [forward-reverse-proxy-header\(1\)](#),
[list-reverse-proxy-headers\(1\)](#)

Name set-search-collection-prop – sets the search collection properties

Synopsis **set-search-collection-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --vs|-s *name* --collection-name|-l *name* (*propertyname=value*)⁺

Description Use this command to edit the search collection properties. The properties that you can edit are as follows:

- **enabled** — Indicates whether the collection can be searched at runtime. The default value is `true`.
- **name** — The name that uniquely identifies the search collection.
- **display-name** — The description of the search collection that is displayed to end users.
- **uri** — The root URI for the searchable documents.
- **document-root** — The file system root for the searchable documents.
- **path** — The path of the file system that stores the search collection metadata.
- **index** — The document fields that are used for indexing.
- **include** — The types of document that is included. The values can be `html`, `htm`, `txt`, and `pdf`.
- **description** — The description of the search collection.

Options For *connect_options* description, see [help\(1\)](#).

- | | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> . |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |
| --vs -s | Specify the name of the virtual server. |
| --collection-name -l | Specify the name of the search collection. |

Operands *propertyname=value* Specify the name and value of the search collection property that you want to edit.

Examples `wadm set-search-collection-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1
--collection-name=searchcollection1 enabled=true`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-search-collection\(1\)](#), [delete-search-collection\(1\)](#),
[list-search-collections\(1\)](#), [get-search-collection-prop\(1\)](#),
[reindex-search-collection\(1\)](#), [get-search-prop\(1\)](#), [set-search-prop\(1\)](#)

Name set-search-prop – sets the search properties

Synopsis **set-search-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --vs|-s *name* --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the search properties. The properties that you can edit are as follows:

- **enabled** — Indicates whether the search application is enabled at runtime. The default value is `true`.
- **max-hits** — The maximum number of search results to return in response to a single search query. The range of values is 0 - 10000.
- **uri** — The root URI for the search web application.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Operands *propertyname=value* Specify the name and value of the search properties that you want to edit.

Examples `wadm set-search-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 enabled=false`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [add-documents\(1\)](#), [remove-documents\(1\)](#), [get-search-prop\(1\)](#), [get-search-collection-prop\(1\)](#), [set-search-collection-prop\(1\)](#)

Name set-servlet-container-prop – edits the servlet container properties

Synopsis **set-servlet-container-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name (propertyname=value)+

Description Use this command to edit the Servlet container properties. The properties that you can edit are as follows:

- `dynamic-reload-interval` - The interval when the server checks the deployed web applications for modifications. The range of values is 1–60, or –1 if dynamic reloading should be disabled. The default value is –1.
- `log-level` - The log verbosity for the Servlet container. The values can be `finest` (most verbose), `finer`, `fine`, `info`, `warning`, `failure`, `config`, `security`, or `catastrophe` (least verbose).
- `anonymous-role` - The name of the default or anonymous, role assigned to all principals. The default role is `ANYONE`.
- `single-threaded-servlet-pool-size` - The number of Servlet instances to instantiate per `SingleThreadedServlet`. The range of values is 1–4096.
- `cross-context-allowed` - Indicates whether the request dispatchers are allowed to dispatch to another context. The default value is `true`.
- `reuse-session-id` - Indicates whether any existing session ID number is reused when creating a new session for that client. The default value is `false`.
- `encode-cookies` - Indicates whether the Servlet container encodes the cookie values. The default value is `true`.
- `dispatcher-max-depth` - The maximum depth for the Servlet container allowing nested request dispatches. The range of values is 0–2147483647. The default value is 20.
- `secure-session-cookie` — Controls the conditions under which the `JSESSIONID` cookie is marked secure. The values can be as follows:
 - `dynamic` — marks the cookie secure only when the request is received on a secure connection.
 - `true` — always marks the cookie secure.
 - `false` — never marks the cookie secure.

The default value is `dynamic`.

Options

<code>--echo -e</code>	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
<code>--no-prompt -Q</code>	If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if

you have defined all passwords in a password file and specified the file using the `--password-file` `connect_option`.

`--verbose` | `-v`

Specify this option to display a verbose output.

`--config` | `-c`

Specify the name of the configuration.

Operands *propertyname=value*

Specify the name and value of the Servlet container property that you want to edit.

Examples `wadm set-servlet-container-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 log-level=finest`

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [get-servlet-container-prop\(1\)](#)

Name set-session-replication-prop – edits the session replication properties

Synopsis **set-session-replication-prop** <connect_options> [-echo|-e] [--no-prompt|-Q] [--verbose|-v] [--node|-n name] --config|-c name (propertyname=value)+

Description Use this command to edit the session replication properties. The properties that you can edit are as follows:

- **key** - The secret key that members of the cluster use to authenticate each other. Only applicable at the *cluster* level.
- **encrypted** - Indicates whether the session data is encrypted prior to replication. The default value is `false`. Only applicable at the *cluster* level.
- **protocol** - The protocol used for session replication. The values can be `http` or `jrmp`. Only applicable at the *cluster* level.
- **async** - Indicates whether session replication is allowed to occur asynchronously from HTTP request/response processing. The default value is `true`. Only applicable at the *cluster* level.
- **getAttribute-triggers-replication** - Indicates whether a call to the `HttpSession.getAttribute` method should cause a session to be backed up. The default value is `true`. Only applicable at the *cluster* level.
- **replica-discovery-max-hops** - The maximum number of instances that should be contacted while attempting to find the backup of a session. The range of values is 1–2147483647, or -1 for no limit. Only applicable at the *cluster* level.
- **startup-discovery-timeout** - The maximum time (in seconds) that an instance will spend trying to contact its designated backup instance. The range of values is 0.001–3600. Only applicable at the *cluster* level.
- **cookie-name** - The name of the cookie that tracks which instance owns a session. Only applicable at the *cluster* level.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, `wadm` will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the `--password-file connect_option`.
- verbose|-v** Specify this option to display a verbose output.
- node|-n** Specify the name of the node.

`--config|-c` Specify the name of the configuration.

Operands `propertyname=value` Specify the name and value of the session replication property that you want to edit.

Examples `wadm set-session-replication-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 enabled=true`

Exit Status The following exit values are returned:

`0` command executed successfully

`>0` error in executing the command

See Also [help\(1\)](#), [get-session-replication-prop\(1\)](#)

Name set-soap-auth-provider-prop – edits the SOAP authentication provider properties

Synopsis **set-soap-auth-provider-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c name --provider|-o name (propertyname=value)+

Description Use this command to edit the SOAP (Simple Object Access Protocol) authentication provider properties. The properties that you can edit are as follows:

- name — The name that uniquely identifies the SOAP message-level authentication provider for use in default-soap-auth-provider-name and sun-web.xml.
- class — The class that implements the provider realm (com.sun.enterprise.security.jauth.ServerAuthModule).
- request-policy — Configures the authentication policy requirements for requests.
- response-policy — Configures the authentication policy requirements for responses.
- property — Configures the optional provider-specific properties.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |
| --provider -o | Specify the name of the SOAP authentication provider. |

Operands *propertyname=value* Specify the name and value of the SOAP authentication property that you want to edit.

Examples wadm **set-soap-auth-provider-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --provider=soap-auth request-policy-auth-source=sender request-policy-auth-recipient=after-content**

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also `help(1)`, `create-soap-auth-provider(1)`, `delete-soap-auth-provider(1)`,
`get-soap-auth-provider-prop(1)`, `list-soap-auth-providers(1)`,
`create-soap-auth-provider-userprop(1)`, `delete-soap-auth-provider-userprop(1)`,
`list-soap-auth-provider-userprops(1)`

Name set-ssl-prop – edits the SSL properties

Synopsis **set-ssl-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* --http-listener|-l *name* (*propertyname=value*)+

Description Use this command to edit the SSL properties. SSL is a software library establishing a secure connection between the client and server. SSL is used to implement HTTPS, the secure version of HTTP. The properties that you can edit are as follows:

- **enabled** — Indicates whether SSL/TLS is enabled at runtime. The default value is `true`.
- **server-cert-nickname** — The nickname of a server certificate.
- **ssl2** — Indicates whether SSL2 connections are accepted. The default value is `false`.
- **ssl3** — Indicates whether SSL3 connections are accepted. The default value is `true`.
- **tls** — Indicates whether TLS connections are accepted. The default value is `true`.
- **tls-rollback-detection** — Indicates whether the server detects and blocks TLS version rollback attacks. The default value is `true`.
- **client-auth** — The client certificate authentication method. The value can be `required`, `optional`, or `false`.
- **client-auth-timeout** — The timeout (in seconds) after which client authentication handshake fails. The range of values is 0.001 - 3600.
- **max-client-auth-data** — The maximum amount of application-level data to buffer during a client authentication handshake. The range of values is 0 - 2147483647.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |
| --http-listener -l | Specify the name of the HTTP listener. |

Operands *propertyname=value* Specify the name and value of the SSL property that you want to edit.

Examples `wadm set-ssl-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --http-listener=config1_ls1
max-client-auth-data=1048575`

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-ssl-prop\(1\)](#), [disable-ciphers\(1\)](#), [enable-ciphers\(1\)](#)

Name set-ssl-session-cache-prop – edits the SSL session cache properties

Synopsis **set-ssl-session-cache-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the SSL session cache properties. The properties that you can edit are as follows:

- `enabled` - Indicates whether the server caches SSL/TLS sessions. The default value is `true`.
- `max-entries` - The maximum number of SSL/TLS sessions the server will cache. The range of values is 1–524288.
- `max-ssl2-session-age` - The maximum amount of time to cache an SSL2 session. The range of values is 5–100.
- `max-ssl3-tls-session-age` - The maximum amount of time to cache an SSL3/TLS session. The range of values is 5–86400.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |

Operands *propertyname=value* Specify the name and value of the SSL session cache property that want edit.

Examples `wadm set-ssl-session-cache-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 max-entries=21250`

Exit Status The following exit values are returned:

- | | |
|--------------------|--------------------------------|
| <code>0</code> | command executed successfully |
| <code>>0</code> | error in executing the command |

See Also [help\(1\)](#), [get-ssl-session-cache-prop\(1\)](#)

Name set-stats-prop – edits the statistics properties

Synopsis **set-stats-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit properties of the statistics collection subsystem. The properties that you can edit are as follows:

- **enabled** - Indicates whether the server collects statistics at runtime. The default value is `true`.
- **interval** - The interval (in seconds) at which statistics are updated. The range of values is 0.001 - 3600.
- **profiling** - Indicates whether the performance buckets that are used to track NSAPI function execution time are enabled. The default value is `true`.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |

Operands *propertyname=value* Specify the name and value of statistics property that you want to edit.

Examples `wadm set-stats-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 interval=1200`

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [get-stats-prop\(1\)](#)

Name set-symlinks-prop – edits the symbolic link properties

Synopsis **set-symlinks-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--uri-pattern|-t *pattern*] --vs|-s *name* --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the symbolic link properties. A symbolic link consists of two files, an original file that contains the data, and another that points to the original file. Symbolic links can be used across different file systems and can be linked to directories. The properties that can you can edit are as follows:

- **allow-soft-links** — allows soft file system links. The values can be:
 - **true** - always allow soft file system links
 - **false** - never allow soft file system links
 - **on-owner-match** - only allow when owners match
- **allow-hard-links** — allows hard file system links. The values can be:
 - **true** - always allow hard file system links
 - **false** - never allow hard file system links
- **directory** — Name of the directory from which links will be searched.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--uri-pattern -t	Specify the URI wildcard pattern.
--config -c	Specify the name of the configuration.
--vs -s	Specify the name of the virtual server.

Operands *propertyname=value* Specify the name and value of the symbolic link property.

Examples wadm **set-symlinks-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 allow-soft-links=true allow-hard-links=false**

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [get-symlinks-prop\(1\)](#)

Name set-thread-pool-prop – edits the thread pool properties

Synopsis **set-thread-pool-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name* (*propertyname=value*)+

Description Use this command to edit the thread pool properties. The properties that you can edit are as follows:

- **enabled** - Indicates whether the thread pool is enabled at runtime.
- **min-threads** - The minimum number of HTTP request processing threads. The range of values is 1–4096.
- **max-threads** - The maximum number of HTTP request processing threads. The range of values is 1–4096.
- **stack-size** - The stack size (in bytes) for HTTP request processing threads. The range of values is 8192–67108864.
- **queue-size** - The maximum number of concurrent HTTP connections that can be queued waiting for processing. The range of values is 1–1048576.

Options For connect_options description, see [help\(1\)](#).

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --echo -e | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| --no-prompt -Q | If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option. |
| --verbose -v | Specify this option to display a verbose output. |
| --config -c | Specify the name of the configuration. |

Operands *propertyname=value* Specify the name and value of the thread pool property that you want to edit.

Examples wadm **set-thread-pool-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 min-threads=5**

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [get-thread-pool-prop\(1\)](#)

Name set-token-pin – sets the PKCS #11 token pin

Synopsis **set-token-pin** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--token-pin|-P name] [--new-token-pin|-o name] [--save-pin|-a (true/false)] --token|-t name --config|-c name

Description Use this command to set the PKCS#11 token pin.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--new-token-pin -o	Specify a new token pin when changing the token password. You can also define the new-token-pin in the password file.
--save-pin -a	If you specify this option, token element is added in configuration's server.xml file with the given pin (password).
--token -t	Specify the name of the PKCS #11 token.
--config -c	Specify the name of the configuration.

Examples wadm **set-token-pin --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --token=internal**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-pkcs11-prop\(1\)](#), [set-pkcs11-prop\(1\)](#), [list-tokens\(1\)](#), [set-token-prop\(1\)](#)

Name set-token-prop – sets the PKCS #11 token properties

Synopsis **set-token-prop** <*connect_options*> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--set-password|-r] [--token-pin|-P *name*] --config|-c *name* --token|-t *name* (*propertyname=value*)*

Description Use this command to set the PKCS#11 token properties.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.
--set-password -r	If you specify this option, the password for Administration server user can be changed.
--token-pin -P	Specify the Personal Identification Number (PIN) required to initialize the token. You can also define the token-pin in the password file.
--config -c	Specify the name of the configuration.
--token -t	Specify the name of the PKCS #11 token.

Operands *propertyname=value* Specify the name and value of the PKCS#11 token property that you want to edit.

Examples wadm **set-token-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --token=internal**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [get-pkcs11-prop\(1\)](#), [set-pkcs11-prop\(1\)](#), [list-tokens\(1\)](#), [set-token-pin\(1\)](#)

Name set-user-prop – edits user information

Synopsis **set-user-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--vs|-s name] [--org-unit|-o org-unit] [--realm|-l realm] [--set-password|-r] [--user-password|-W] --config|-c name --authdb|-a name --uid|-U userid (propertyname=value)+

Description Use this command to edit the user information. The properties that you can edit are surname, full name, email ID, phone number, and user title.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--realm -l	Specify the realm that authenticates the user.
--vs -s	Specify the name of the virtual server that resides within the same physical location as the Sun Java System Web Server.
--org-unit -o	Enter a description of an organizational unit within your company to which this user belongs.
--set-password -r	If you specify this option, the password for administration server user can be changed.
--user-password -W	Specify the user password. You can also define the user-password in the password file.
--config -c	Specify the name of the configuration.
--authdb -a	Specify the authentication database that stores the user information.
--uid -U	Specify the ID of the user whose property information you want to edit.

Operands *propertyname=value* Specify the user property that you want edit.

Examples wadm **set-user-prop** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 --authdb=keyfile1 --uid=user1 emailID=sample@sun.com

Exit Status The following exit values are returned:

- 0 command executed successfully
- >0 error in executing the command

See Also [help\(1\)](#), [create-user\(1\)](#), [delete-user\(1\)](#), [get-user-prop\(1\)](#), [list-users\(1\)](#)

Name set-virtual-server-prop – edits the virtual server properties

Synopsis **set-virtual-server-prop** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v] --config|-c name --vs|-s vsname (propertyname=value)+

Description Use this command to edit the virtual server properties. The properties that you can edit are as follows:

- **object-file** - The obj.conf file that controls the request handling process for the virtual server.
- **canonical-server-name** - The canonical host name of the virtual server. Requests using a different host name will be redirected to this host name.
- **enabled** - Indicates whether the virtual server is enabled at runtime.
- **host** - The hostname the virtual server services.
- **default-object-name** - The name of the root obj.conf object.
- **name** - The name that uniquely identifies the virtual server.
- **document-root** - The document root for the virtual server.
- **mime-file** - The mime.types file that configures MIME mappings for the virtual server.
- **log-file** - The log file for the virtual server.
- **http-listener-name** - The name of an HTTP listener associated with one or more of the virtual server's hostnames.
- **acl-file** - The Access Control List (ACL) file that controls access to the virtual server.

Options For connect_options description, see [help\(1\)](#).

- echo|-e** Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- no-prompt|-Q** If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
- verbose|-v** Specify this option to display a verbose output.
- config|-c** Specify the name of the configuration.
- vs|-s** Specify the name of the virtual server.

Operands *propertyname=value* Specify the name and value of the property that you want to edit.

Examples `wadm set-virtual-server-prop --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 --config=config1 --vs=config1_vs_1 enabled=true`

Exit Status The following exit values are returned:

0 command executed successfully
>0 error in executing the command

See Also [help\(1\)](#), [create-virtual-server\(1\)](#), [delete-virtual-server\(1\)](#),
[get-virtual-server-prop\(1\)](#), [list-virtual-servers\(1\)](#), [copy-virtual-server\(1\)](#)

Name set-webdav-prop – edits the WebDAV properties

Synopsis **set-webdav-prop** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] [--config|-c name (propertyname=value)+

Description Use this command to edit the WebDAV properties. You can edit the following properties:

- **enabled** - Indicates whether WebDAV is enabled for the collection at runtime. The default value is `true`.
- **default-owner** - The default owner for the resources.
- **min-lock-timeout** - The minimum expiration time (in seconds) for WebDAV locks. The range of values is 0.001 - 3600, or 0 to not enforce a minimum expiration time.
- **max-xml-request-body-size** - The maximum size (in bytes) allowed for WebDAV XML request bodies. The range of values is 0 - 2147483647, or -1 for no limit.
- **max-propfind-depth** - The maximum depth of PROPFIND requests sent to collections. The values are 0, 1, or infinity.
- **max-expand-property-depth** - The maximum depth allowed for WebDAV expand-property REPORT responses. The range of values is 0 - 100.
- **max-report-response-elements** - The upper limit of the number of response elements a REPORT response body can have. The range of values is 0 - 2147483647, default 1000.
- **auth-auth-db-name** - The ACL authentication database to use. The default value is default.
- **auth-method** - The authentication method to use. The values can be `basic`, `digest`, or `ssl`. The default value is `basic`.
- **auth-prompt** - The prompt to display to the client requests for authentication. The default value is Sun Java System Web Server WebDAV.
- **acl-db-max-size** - The maximum size (in bytes) of memory representation of the WebDAV ACL database for a collection. If this memory limit is exceeded, the server will not cache WebDAV ACL lists. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-max-entries** - The maximum number of ACEs to allow on a single resource. The range of values is 0 - 2147483647, or -1 for no limit.
- **acl-db-update-interval** - The interval (in seconds) at which WebDAV ACL databases are synced to disk. The value range is 0.001 - 3600, or 0 to disable caching of WebDAV ACL lists.
- **property-db-max-size** - The maximum size (in bytes) of WebDAV property database files. The range of values is 0 - 2147483647, or -1 for no limit.
- **property-db-update-interval** - The interval (in seconds) at which WebDAV property databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV properties.

- `lock-db-path` - The filename of the WebDAV lock database is stored. The path can be the absolute path or path relative to the server's config directory.
- `lock-db-update-interval` - The interval (in seconds) at which WebDAV lock databases are synced to disk. The range of values is 0.001 - 3600, or 0 to disable caching of WebDAV lock information.

Options For `connect_options` description, see [help\(1\)](#).

- | | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>--echo -e</code> | Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command. |
| <code>--no-prompt -Q</code> | If you specify this option, <code>wadm</code> will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the <code>--password-file</code> <code>connect_option</code> . |
| <code>--verbose -v</code> | Specify this option to display a verbose output. |
| <code>--config -c</code> | Specify the name of the configuration. |

Operands `propertyname=value` Specify the name and value of the WebDAV property that you want to edit.

Examples `wadm set-webdav-prop --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 acl-db-max-entries=20`

Exit Status The following exit values are returned:

- | | |
|----|--------------------------------|
| 0 | command executed successfully |
| >0 | error in executing the command |

See Also [help\(1\)](#), [enable-webdav\(1\)](#), [disable-webdav\(1\)](#), [get-webdav-prop\(1\)](#)

Name start-instance – starts an instance

Synopsis **start-instance** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] --config|-c *name (nodehost)**

Description Use this command to start instance(s) running on the specified configuration and on the specified nodes. If you do not specify any nodes, all instances running on the specified configuration are started. If you run this command when instance(s) is already running, an error is displayed.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.
--config -c	Specify the name of the configuration that the instance points to.

Operands *nodehost* Specify the name of the node.

Examples wadm **start-instance** --user=admin --password-file=admin.pwd --host=serverhost --port=8989 --config=config1 node1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [delete-instance\(1\)](#), [stop-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name start-snmp-master-agent – starts the SNMP master agent

Synopsis **start-snmp-master-agent** <connect_options> [- -echo|-e] [- -no-prompt|-Q]
[- -verbose|-v] [- -snmp-port|-m *snmp-master-agent-port*] (*nodehost*)+

Description Use this command to start the SNMP master agent. In general, to use SNMP you must have a master agent and at least one subagent installed and running on your system. You need to install the master agent before you can enable a subagent.

Options For connect_options description, see [help\(1\)](#).

--echo|-e Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.

--no-prompt|-Q If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the **--password-file** connect_option.

--verbose|-v Specify this option to display a verbose output.

--snmp-port|-m Specify the port number of the SNMP master agent.

Operands *nodehost* Specify the name of the node.

Examples wadm **start-snmp-master-agent --user=admin --password-file=admin.pwd**
--host=serverhost --port=8989 --snmp-port=161 node1

Exit Status The following exit values are returned:

0 command executed successfully

>0 error in executing the command

See Also [help\(1\)](#), [stop-snmp-master-agent\(1\)](#)

Name start-snmp-subagent – starts the SNMP subagent

Synopsis **start-snmp-subagent** <*connect_options*> [--echo|-e] [--no-prompt|-Q]
 [--verbose|-v] (*nodehost*)⁺

Description Use this command to start the SNMP subagent. The subagent gathers information about the server and passes the information to the server's master agent. Before starting the SNMP subagent, verify that the master agent is installed and running.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.

Operands *nodehost* Specify the name of the node.

Examples wadm **start-snmp-subagent --user=admin --password-file=admin.pwd**
--host=serverhost --port=8989 node1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [stop-snmp-subagent\(1\)](#)

Name stop-admin – stops the administration server or node

Synopsis **stop-admin** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v]
nodehost

Description Use this command to stop the administration server or node. To restart the administration server, you can use the restart-admin command.

Options

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.

Operands *nodehost* Specify the name of the node.

Examples wadm **stop-admin --user=admin --password-file=admin.pwd
--host=serverhost --port=8989 node1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [restart-admin\(1\)](#), [set-admin-prop\(1\)](#), [get-admin-prop\(1\)](#)

Name stop-instance – stops instances

Synopsis **stop-instance** <connect_options> [- -echo|-e] [- -no-prompt|-Q] [- -verbose|-v]
 --config|-c *name (nodehost)**

Description Use this command to stop the instance running on the specified configuration and on the specified nodes. If you do not specify any nodes, all instances running on the specified configuration are stopped. If an instance on any node is not running, this command will result in an error.

Options For connect_options description, see [help\(1\)](#).

- -echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
- -no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the - -password-file connect_option.
- -verbose -v	Specify this option to display a verbose output.
- -config -c	Specify the name of the configuration that the instance points to.

Operands *nodehost* Specify the name of the node.

Examples wadm **stop-instance** --user=admin --password-file=admin.pwd
 --host=serverhost --port=8989 --config=config1 node1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [create-instance\(1\)](#), [list-instances\(1\)](#), [start-instance\(1\)](#), [delete-instance\(1\)](#), [restart-instance\(1\)](#), [reconfig-instance\(1\)](#), [migrate-server\(1\)](#), [list-nodes\(1\)](#)

Name stop-snmp-master-agent – stops the SNMP master agent

Synopsis **stop-snmp-master-agent** <connect_options> [--echo|-e] [--no-prompt|-Q] [--verbose|-v] (nodehost)+

Description Use this command to stop the SNMP master agent.

Options For connect_options description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file connect_option.
--verbose -v	Specify this option to display a verbose output.

Operands nodehost Specify the name of the node.

Examples wadm stop-snmp-master-agent --user=admin --password-file=admin.pwd --host=serverhost --port=8989 node1

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [start-snmp-master-agent\(1\)](#)

Name stop-snmp-subagent – stops the SNMP subagent

Synopsis **stop-snmp-subagent** <*connect_options*> [**--echo** | **-e**] [**--no-prompt** | **-Q**]
[**--verbose** | **-v**] (*nodehost*)*

Description Use this command to stop the SNMP subagent.

Options For *connect_options* description, see [help\(1\)](#).

--echo -e	Specify this option to print this command on the standard output before executing. Also, prints the default value for all the non-mandatory options that you have not provided in the command.
--no-prompt -Q	If you specify this option, wadm will not prompt you for passwords while executing this command. Use this option if you have defined all passwords in a password file and specified the file using the --password-file <i>connect_option</i> .
--verbose -v	Specify this option to display a verbose output.

Operands *nodehost* Specify the name of the node.

Examples wadm **stop-snmp-subagent --user=admin --password-file=admin.pwd --host=serverhost --port=8989 node1**

Exit Status The following exit values are returned:

0	command executed successfully
>0	error in executing the command

See Also [help\(1\)](#), [start-snmp-subagent\(1\)](#)

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