SSP Administration Commands

Commands, scripts, and programs executed in the Enterprise 10000 SSP environment.

autoconfig(1M)	scantool / interconnect auto config
board_id(1M)	read or write board ID values
bringup(1M)	configure and boot the domain
cb_prom(1M)	upgrade PROM
cb_reset(1M)	reset and reboot hung control board
cbs(1M)	control board server
check_host(1M)	determine whether the domain is up
domain_create(1M)	create new domain or recreate old one
domain_history(1M)	display domain history
domain_remove(1M)	remove an existing domain
domain_rename(1M)	rename an existing domain
domain_status(1M)	display domain status
domain_switch(1M)	change domain name in SUNW_HOSTNAME
edd(1M)	event detector daemon
edd_cmd(1M)	send a command to edd(1M)
fad(1M)	file access daemon
fan(1M)	display or control fan power and speed
hostinfo(1M)	display system information
hostint(1M)	interrupt processor, dump kernel core
hostreset(1M)	reset a hung domain
hostview(1M)	system monitor GUI
hpost(1M)	control and sequence POST through JTAG
machine_server(1M)	multi-purpose server
netcon(1M)	network console
netcon_server(1M)	network console server daemon
netcontool(1M)	network console tool
obp_helper(1M)	download OpenBoot to system memory
power(1M)	control power
redx(1M)	remote emulation debugger
sigbcmd(1M)	send commands from SSP to domain
snmpd(1M)	system SNMP proxy agent
ssp_config(1M)	configure SSP control boards
ssp_startup(1M)	invoke SSP daemons
ssp_unconfig(1M)	deconfigure the SSP
straps(1M)	SNMP trap sink server
sys_clock(1M)	display / change / set system clock frequencies
sys_id(1M)	display or change machine ID in SSP IDPROM
sys_reset(1M)	reset the domain
thermcal(1M)	read or write thermistor calibration
thermcal_config(1M)	create SSP thermistor calibration data file

SSP File Formats

Miscellaneous man pages for files, scripts, etc. that execute in the SSP environment.

blacklist(4)	list of system resources not to be booted
cb_config(4)	list of machines managed by the SSP
cb_port(4)	list of communication ports for cbe
domain_config(4)	list / description of configured domains
domain_history(4)	list / description of removed domains
edd.emc(4)	event monitor file
edd.erc(4)	event response file
fad_files(4)	file access daemon files
postrc(4)	hpost(1M) properties file
redlist(4)	list of system resources not to be touched
ssp_resource(4)	SSP processes resource file
ssp_to_domain_hosts(4)	hostname / domainname file

DR Administration Commands

Commands, scripts, and programs executed in the Ultra Enterprise 10000 Dynamic Reconfiguration(DR) environment.

abort_attach(1M)	abort DR attach operation
abort_detach(1M)	abort DR detach operation
complete_attach(1M)	complete DR attach operation
complete_detach(1M)	complete DR detach operation
dr(1M)	initiate dynamic reconfiguration shell
drain(1M)	start memory drain
drshow(1M)	display DR and board resource info
drview(1M)	DR Graphical User Interface
init_attach(1M)	initiate DR Attach operation
reconfig(1M)	initiate auto-configuration sequence

DR Service Commands

deepali:8eS1srpILaleo begin with dr_cmd are available only in the DR shell, and are for use by service providers only. Service providers should use them only when they need a finer level of control to debug failing DR operations, or when they cannot access the DR GUI.

dr.service(1M)	low-level DR commands for service providers
dr_cmd_a_attach(1M)	abort DR attach system board operation
dr_cmd_a_detach(1M)	abort DR detach system board operation
dr_cmd_auto_config(1M)	run Solaris reconfig sequence on target domain
dr_cmd_c_attach(1M)	complete DR attach system board operation
dr_cmd_c_detach(1M)	complete DR detach system board operation
dr_cmd_c_f_detach(1M)	force completion of DR detach system board operation
dr_cmd_cpu_info(1M)	show processors on a system board in Tcl encoding
dr_cmd_debug(1M)	toggle DR library-level debugging
dr_cmd_detach_allow(1M)	verify a system board can support DR detach
dr_cmd_dev_info(1M)	show devices on a system board in Tcl encoding
dr_cmd_drain(1M)	start memory drain on a system board
dr_cmd_drain_status(1M)	show state of in-progress memory drain
dr_cmd_eligible_attach(1M)	verify a system board is eligible for DR attach
dr_cmd_eligible_detach(1M)	verify a system board is eligible for DR detach
dr_cmd_init_attach(1M)	initiate DR attach system board operation
dr_cmd_mem_info(1M)	show memory configuration on a system board in Tcl encoding
dr_cmd_obp_info(1M)	show complete config on a system board in Tcl encoding
dr_cmd_print_brd_info(1M)	show system board resources in tabular format
dr_cmd_print_obp_info(1M)	show system board info per OBP in tabular format
dr_cmd_print_unsafe_info(1M)	show a domain's open, unsafe devices in tabular format
dr_cmd_unsafe_dev_info(1M)	show a domain's open, unsafe devices in TCL encoding

UE10000-specific Solaris Administration Commands

cvcd(1M)	virtual console daemon
dr_daemon(1M)	dynamic reconfiguration daemon
ssp-config(1M)	set initial SSP configuration information on the host
ssp-unconfig(1M)	undo SSP and system information on the host

UE10000-specific Solaris Special Files

cvc(7)	virtual console driver
cvcredir(7)	virtual console redirection driver
dr(7)	dynamic reconfiguration driver, /dev/dr

IDN Administration Commands

domain_link(1M)	link domains to form or expand an Inter-Domain Network
domain_unlink(1M)	unlink domain(s) from an Inter-Domain Network (IDN)

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NTP Commands

`xntp` commands execute only in the Solaris 2.5.1 environment. Standard Solaris provides different **ntp** commands for the Solaris 2.6 environment.

`ntpdate`(1M)	set date and time via ntp
`ntpq`(1M)	standard ntp query program
`ntptrace`(1M)	trace ntp hosts back to their master time source
`tickadj`(1M)	fiddle time-related variables in the kernel
`xntpd`(1M)	network time protocol daemon
`xntpdc`(1M)	query / control program for the ntp daemon

AP Administration Commands

Commands, scripts, and programs executed in the Alternate Pathing environment.

`ap`(1M)	alternate pathing
`ap_daemon`(1M)	alternate pathing daemon
`ap_reboot_host`(1M)	fast boot alternate path
`ap_ssp_daemon`(1M)	AP SSP daemon
`apboot`(1M)	set up system files for boot meta-disk
`apcheck`(1M)	determine accessibility of a meta-disk
`apconfig`(1M)	display and manage AP configuration
`apdb`(1M)	manage AP database
`apdisk`(1M)	manage disk pathgroups
`apinst`(1M)	identify disk host adapter instances, `/dev/dsk` targets
`apnet`(1M)	manage network pathgroups
`apssp`(1M)	client of AP SSP daemon

AP Special Files

AP files for your Sun server.

`ap`(7)	alternate pathing librarian driver, `/dev/ap`
`ap_dmd`(7)	AP disk meta-driver
`ap_nmd`(7)	AP network meta-driver group
`mhme`(7	Sun FastEthernet 2.0
`mle`(7)	Lance Ethernet special character device; see `ap_nmd`(7)
`mnf`(7)	FDDI 3.0.x and 4.x special character device; see `ap_nmd`(7)
`mqe`(7)	Quad Ethernet special character device; see `ap_nmd`(7)
`mqfe`(7)	Quad Fast Ethernet special character device; see `ap_nmd`(7)

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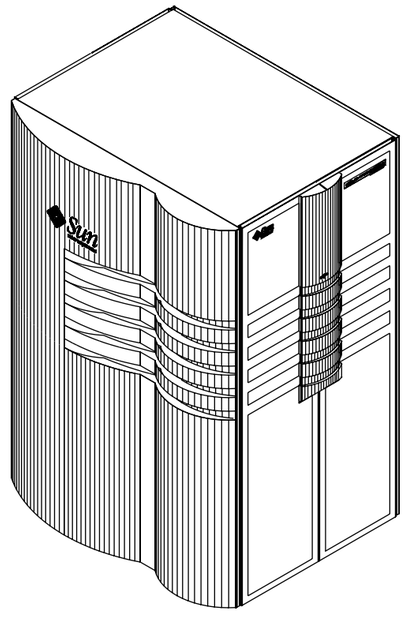

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