

INDEX

8.x to 9.0 conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
A socket marked for debugging	Transliterates protocol trace	trpt(8)	1050
Accepts requests to manipulate magnetic tapes	Invokes the remote magnetic tape protocol module	rmt(8)	806
Access levels (secure system)	Checks and sets file ownership, access, and security parameters	spfilck(8)	935
Account IDs (updates)	Generates or maintains the user database	udbgen(8)	1059
Account modification process	Manages user login accounts	nu(8)	665
Accounting data (consolidated)	Reports on consolidated accounting data	csacrep(8)	150
Accounting data consolidation	Consolidates accounting data for session and pacct files	csagcon(8)	158
Accounting file	Checks the status of, enables, and disables process, daemon, and record accounting	csaswitch(8)	197
Accounting file conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
Accounting files for NQS (preprocesses) ..	Preprocesses the NQS accounting files	csanqs(8)	177
Accounting files (group IDs and permissions)	Changes group ID and permissions of accounting files	csaperm(8)	182
Accounting files (processes)	Processes the daily accounting files and generates reports	csarun(8)	185
Accounting files (processes daily consolidated)	Runs periodic accounting	csaperiod(8)	180
Accounting ID (setting default)	Sets default accounting ID	setacid(8)	867
Accounting information (printer/plotter) ...	Collects and displays printer/plotter accounting information	pac(8)	720
Accounting jobs (recycles unfinished)	Recycles unfinished sessions into next accounting run	csarecy(8)	183
Accounting (periodic)	Runs periodic accounting	csaperiod(8)	180
Accounting program for front-ends	Formats data for front-end accounting system	csafef(8)	157
Accounting reports (generates)	Processes the daily accounting files and generates reports	csarun(8)	185
Accounting scripts	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Accounting (system boot times recorded) ..	Records system boot times for the accounting subsystem	csaboosts(8)	141
acct(5)	Merges or adds total accounting files	acctmerg(8)	12
acct(5)	Summarizes command usage from per-process accounting records	acctcms(8)	5
acct(5)	Performs connect-time accounting	acctcon(8)	7
acct(8)	Processes accounting	acctprc(8)	16
acct(8)	Overview of standard UNIX System V accounting commands	acct(8)	3
acctcms(8)	Summarizes command usage from per-process accounting records	acctcms(8)	5

acctcon1(8)	Performs connect-time accounting	acctcon(8)	7
acctcon2(8)	Performs connect-time accounting	acctcon(8)	7
acctcon(8)	Processes accounting	acctprc(8)	16
acctcon(8)	Creates a utmp(5) record	acctwtmp(8)	20
acctcon(8)	Performs connect-time accounting	acctcon(8)	7
acctdisk(8)	Converts disk data to cacct or tacct format	acctdisk(8)	9
acctdusg(8)	Computes and displays disk resource consumption by login	acctdusg(8)	11
acctmerg(8)	Merges or adds total accounting files	acctmerg(8)	12
accton(8)	Controls process accounting	accton(8)	14
acctprc1(8)	Processes accounting	acctprc(8)	16
acctprc2(8)	Processes accounting	acctprc(8)	16
acctprc(8)	Processes accounting	acctprc(8)	16
acctsh(8)	Overview of accounting shell scripts	acctsh(8)	18
acctwtmp(8)	Creates a utmp(5) record	acctwtmp(8)	20
Action message	Starts the message daemon	msgdaemon(8)	512
Action messages	Invokes the operator display manager	oper(8)	715
Action messages	Allows the operator to respond to action messages	rep(8)	791
Action messages (displays for operators) ..	Allows operators to display action messages	msgd(8)	511
Activates accounting	Creates a utmp(5) record	acctwtmp(8)	20
Activates accounting	Invokes system initialization shell scripts	brc(8)	77
Activates error logging	Invokes system initialization shell scripts	brc(8)	77
Activates system activity logging	Invokes system initialization shell scripts	brc(8)	77
Active mode	Performs a HYPERchannel interface test	hit(8)	357
Active processes	Kills all active processes	killall(8)	433
Activity reports (AIR)	Produces AIR activity reports	airrep(8)	38
Address checking	Validates Kerberos ticket address for Kerberos servers	krbipd(8)	436
Address resolution display and control	Displays address resolution display and control	arp(8)	60
Address translation tables	Displays address resolution display and control	arp(8)	60
Addresses from hosts(5) files (prints/converts)	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
Addresses from networks(5) files (prints/converts)	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
Adds a route	Manipulates network routing tables manually	route(8)	808
Adds cacct records	Adds cacct records	csaaddc(8)	139
Adds entry from user ID map file to kernel user ID map	Adds entry from user ID map file to kernel user ID map	nfsadduser(8)	547
Adds host addresses to ID mapping domains	Adds host addresses to ID mapping domains	nfsaddhost(8)	542
Administers file quotas	Administers file quotas	quadadmin(8)	767
Administers NIS+ groups	Administers NIS+ groups	nisgrpadm(8)	606
Administers NIS+ tables	Administers NIS+ tables	nistbladm(8)	636
aft	Reads user Factory Flaw table and reports flaws	ift(8)	397
AIR configuration file	Automated incident reporting (AIR) daemon	aird(8)	22

AIR configuration file	Ensures that the AIR daemon (aird(8)) is running (cron(8) script)	airdchk(8)	24
AIR configuration file (printing)	Prints AIR configuration file contents from configuration headers in the aird(8) binary log file ...	airprconf(8)	33
AIR configuration files	Prints and validates an AIR configuration file	airckconf(8)	21
AIR initialization	Starts the automated incident reporting (AIR) system	start_air(8)	961
AIR log file (printing)	Generates detailed AIR reports based on aird(8) binary log file	airdet(8)	25
AIR log files	Manages AIR log files	mvfiles(8)	517
AIR report generation	Produces AIR activity reports	airrep(8)	38
airckconf(8)	Prints and validates an AIR configuration file	airckconf(8)	21
aird(8)	Automated incident reporting (AIR) daemon	aird(8)	22
aird(8) program	Ensures that the AIR daemon (aird(8)) is running (cron(8) script)	airdchk(8)	24
airdchk(8)	Ensures that the AIR daemon (aird(8)) is running (cron(8) script)	airdchk(8)	24
airdet(8)	Generates detailed AIR reports based on aird(8) binary log file	airdet(8)	25
airexist(8)	Searches the process table in kernel memory for a process matching the command-line requirements	airexist(8)	30
airping(8)	Measures round-trip delays and packet loss across network paths, using the specified protocol	airping(8)	32
airprconf(8)	Prints AIR configuration file contents from configuration headers in the aird(8) binary log file ...	airprconf(8)	33
airrep(8)	Produces AIR activity reports	airrep(8)	38
airsum(8)	Generates availability summary reports based on aird(8) binary log file	airsum(8)	39
airtsum(8)	Generates detailed AIR reports based on aird(8) binary log file	airtsum(8)	49
Allows operators to display action messages	Allows operators to display action messages	msgd(8)	511
Allows the operator to display informative messages	Allows the operator to display informative messages ..	inf(8)	402
Allows the operator to respond to action messages	Allows the operator to respond to action messages	rep(8)	791
Alternate configuration file	Sends mail over the Internet	sendmail(8)	861
Append a 'reason' record to /etc/wtmp	Creates a utmp(5) record	acctwtmp(8)	20
Application programs that invoke shell procedures	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
arp(8)	Displays address resolution display and control	arp(8)	60
array services	Array services daemon	arrayd(8)	62
Array services daemon	Array services daemon	arrayd(8)	62
arrayd(8)	Array services daemon	arrayd(8)	62
ASCII flaw table (aft)	Reads user Factory Flaw table and reports flaws	ift(8)	397

ASCII flaw table files	Creates relative bad block file from ASCII flaw table files	bb(8)	72
Assigns an address to a network interface	Configures network interface parameters	ifconfig(8)	391
Assigns and displays logical device cache	Assigns and displays logical device cache	ldcache(8)	443
Asynchronous I/O (determines)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
at(1)	Clock daemon	cron(8)	135
ATM ARP table configuration	Configures and displays an ATM ARP table	atmarp(8)	67
ATM ARP table display	Configures and displays an ATM ARP table	atmarp(8)	67
atmadmin(8)	Configures and displays ATM administration statistics	atmadmin(8)	65
atmarp(8)	Configures and displays an ATM ARP table	atmarp(8)	67
Atomic mount file system descriptors	Debugs NC1FS file systems	fsed(8)	294
Attempts to open the named pipe that nqsdaemon is reading	Attempts to open the named pipe that nqsdaemon is reading	nqsresp(8)	645
Auditing	Changes security auditing criteria	spaudit(8)	922
Audits inconsistent conditions for a file system	Checks file system consistency and interactively repairs it	fsck(8)	288
Authentication based on encrypted passwords	Invokes the remote execution server	rexecd(8)	799
Authentication based on privileged port numbers	Invokes the remote login server	rlogind(8)	804
Authentication based on privileged port numbers	Invokes the remote shell server	rshd(8)	821
Authentication based on user names	Invokes the remote execution server	rexecd(8)	799
Authorization file (share resource groups)	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Auto header mode (configures logical path)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
Autoloaders	Manages selected autoloader operations	xtpldr(8)	1150
Automated incident reporting (AIR) daemon	Automated incident reporting (AIR) daemon	aird(8)	22
Automated incident reporting log files	Manages AIR log files	mvfiles(8)	517
Automatic mounting	Mounts NFS or NFS version 3 file systems automatically	automount(8)	69
Automatic volume recognition (AVR)	Sets features for the tape daemon	tpset(8)	1036
Automatically copies raw core dump files to a regular UNICOS file in a separate file system	Automatically copies raw core dump files to a regular UNICOS file in a separate file system	coredd(8)	101
automount(8)	Mounts NFS or NFS version 3 file systems automatically	automount(8)	69

Availability report	Generates availability summary reports based on aird(8) binary log file	airsum(8)	39
Available free-blocks	Displays file system free-blocks	fsmmap(8)	299
AVR	Unloads tape drives	tpu(8)	1039
Bad free-block list of free-track map format	Checks file system consistency and interactively repairs it	fsck(8)	288
Bad inode format	Checks file system consistency and interactively repairs it	fsck(8)	288
Batch request host name (sets)	Generates or maintains the user database	udbgen(8)	1059
Batch request time (sets)	Generates or maintains the user database	udbgen(8)	1059
bb(8)	Creates relative bad block file from ASCII flaw table files	bb(8)	72
bcheckrc(8)	Invokes system initialization shell scripts	brc(8)	77
bds(8)	Bulk data server	bds(8)	74
Big file	Constructs a file system	mkfs(8)	478
Binary configuration file	Verifies new format tape daemon configuration file and converts it to binary format	tpconf(8)	1002
Binary directories	Installs object files in binary directories	cpset(8)	105
Binary host file (creates)	Starts the TCP/IP networking software	tcpstart(8)	980
Binary network host file (creates)	Creates a binary network host file	mkbinhost(8)	472
/bin/csh	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/bin/csh	Manages user login accounts	nu(8)	665
Binder processes for network information service (NIS)	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
biiod(8)	Starts NFS daemons and services requests	nfisd(8)	553
Block device	Prints device name	devnm(8)	221
Block special devices	Displays configuration information about disk type character and block special devices	ddstat(8)	215
Block special file	Mounts and unmounts the file system	mount(8)	495
Block special files	Builds a directory entry and inode for a special file ...	mknod(8)	483
Blocking factor	Invokes an incremental file system dump	dump(8)	249
Blocks transferred (reports)	Reports on consolidated accounting data	csacrep(8)	150
bmap(8)	Identifies a block on a given file system	bmap(8)	75
BMR cache characteristics	Assigns and displays logical device cache	ldcache(8)	443
Boot time (recorded in /etc/csainfo)	Records system boot times for the accounting subsystem	csaboosts(8)	141
Boot times (recorded for accounting)	Records system boot times for the accounting subsystem	csaboosts(8)	141
Boot-time configuration specification language (CSL)	Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	econfig(8)	256
brc(8)	Invokes system initialization shell scripts	brc(8)	77

Buffer lengths for I/O (determines)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Buffer memory (IOS)	Displays operator information about tape devices	tpbmx(8)	994
Buffer usage	Generates system activity data on a routine basis	sar(8)	843
Buffers to make a block for I/O (determines)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Builds a directory entry and inode for a special file	Builds a directory entry and inode for a special file ...	mknod(8)	483
Builds and installs the network information service (NIS) database	Builds and installs the network information service (NIS) database	ypinit(8)	1158
Builds the file system with a boot block ...	Constructs a file system	mkfs(8)	478
Builds the file system with a root inode ...	Constructs a file system	mkfs(8)	478
Builds the file system with a super-block ..	Constructs a file system	mkfs(8)	478
Builds the file system with a system table	Constructs a file system	mkfs(8)	478
Bulk data server	Bulk data server	bds(8)	74
bypasslabel (user permission bits)	Generates or maintains the user database	udbgen(8)	1059
cacct file conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
cacct file (from session record file)	Condenses a session record file into a cacct file	csacon(8)	145
cacct files (outputs)	Adds cacct records	csaaddc(8)	139
cacct records (adds)	Adds cacct records	csaaddc(8)	139
Cache characteristics	Assigns and displays logical device cache	ldcache(8)	443
cache sync internal	Syncs device cache and sets cache sync interval	pcsync(8)	728
Callout table	Examines system core images	crash(8)	111
captainfo(8)	Converts a termcap description into a terminfo(5) description	captainfo(8)	83
Captures the current URM configuration ...	Captures the current URM configuration	urmsnap(8)	1097
Cartridge tapes	Invokes an incremental file system dump	dump(8)	249
Cartridge tapes	Performs an incremental file system restore	restore(8)	792
Changes a password entry in network information service password file	Handles password change requests from yppasswd(1)	yppasswdd(8)	1160
Changes access rights on an NIS+ object ..	Changes access rights on an NIS+ object	nischmod(8)	592
Changes and displays costs for fair-share scheduler usage calculations	Changes and displays costs for fair-share scheduler usage calculations	shradmin(8)	880
Changes dynamic information in file system super block	Changes dynamic information in file system super block	setfs(8)	872
Changes group ID and permissions of accounting files	Changes group ID and permissions of accounting files	csaperm(8)	182

Changes minimum rank field in URM job table entries	Changes minimum rank field in URM job table entries	usetjob(8)	1099
Changes NIS+ password information	Changes NIS+ password information	nispaswd(8)	621
Changes security auditing criteria	Changes security auditing criteria	spaudit(8)	922
Changes the group owner of an NIS+ object	Changes the group owner of an NIS+ object	nischgrp(8)	590
Changes the owner of an NIS+ object	Changes the owner of an NIS+ object	nischown(8)	594
Changes the root directory and executes a command	Changes the root directory and executes a command ..	chroot(8)	89
Changes the system's notion of physical memory size	Changes the system's notion of physical memory size	chmem(8)	86
Changes the time-to-live value of an NIS+ object	Changes the time-to-live value of an NIS+ object	nischttl(8)	596
Character special files	Builds a directory entry and inode for a special file ...	mknod(8)	483
chargefee(8)	Charges a fee to a user	chargefee(8)	85
Charges a fee to a user	Charges a fee to a user	chargefee(8)	85
Charges to user (fair-share scheduler)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
Checking file system consistency	Invokes system initialization shell scripts	brc(8)	77
Checking mismatched IP addresses	Validates Kerberos ticket address for Kerberos servers	krbipd(8)	436
Checks accounting records for valid data ..	Checks accounting records for valid data	csaverify(8)	202
Checks and sets file ownership, access, and security parameters	Checks and sets file ownership, access, and security parameters	spfilck(8)	935
Checks consistency of NFS ID mapping hash tables in a kernel or a kernel dump ...	Checks consistency of NFS ID mapping hash tables in a kernel or a kernel dump	nfscckhash(8)	549
Checks file system consistency and interactively repairs it	Checks file system consistency and interactively repairs it	fsck(8)	288
Checks password and group files for consistency	Checks password and group files for consistency	pwck(8)	765
Checks the size of daemon accounting files	Checks the size of daemon accounting files	ckdacct(8)	91
Checks the size of the process accounting file	Checks the size of the process accounting file	ckpacct(8)	93
Checks the size of <code>usr/adm/pacct</code>	Creates a <code>utmp(5)</code> record	acctwtmp(8)	20
Checks the status of, enables, and disables process, daemon, and record accounting	Checks the status of, enables, and disables process, daemon, and record accounting	csaswitch(8)	197
chmem(2) system call (interface to)	Changes the system's notion of physical memory size	chmem(8)	86
chmem(8)	Changes the system's notion of physical memory size	chmem(8)	86
chroot(8)	Changes the root directory and executes a command ..	chroot(8)	89

ckdacct(8)	Checks the size of daemon accounting files	ckdacct(8)	91
ckpacct(8)	Checks the size of the process accounting file	ckpacct(8)	93
Class A Internet network number	Performs a HYPERchannel interface test	hit(8)	357
cleantmp(8)	Deletes job temporary directories	cleantmp(8)	95
Clears a IPI-3/HIPPI packet driver device	Clears a IPI-3/HIPPI packet driver device	hpi3_clear(8)	364
Clears an IPI-3/IPI packet driver device ...	Clears an IPI-3/IPI packet driver device	ipi3_clear(8)	417
Clears the tape drive	Clears the tape drive	tpclr(8)	1000
Client information (displays NFS and RPC)	Displays NFS statistics	nfsstat(8)	574
c11(8)	Lists or resets the login failure attempts field in user database (UDB)	c11(8)	97
Clock daemon	Clock daemon	cron(8)	135
cm(8)	Moves a spindle in IOS model E disk configuration ...	cm(8)	99
cnfsd(8)	Starts NFS daemons and services requests	nfsd(8)	553
Collects and displays printer/plotter accounting information	Collects and displays printer/plotter accounting information	pac(8)	720
Collects error records	Invokes the diagnostic daemon	dgdemon(8)	223
Collects error records	Invokes the error-logging daemon	errdemon(8)	257
Collects system data	Collects system data	sdc(8)	850
Collects trace information for TCP/IP, and NFS	Collects trace information for TCP/IP, and NFS	trcollect(8)	1045
Communication between users and operators	Starts the message daemon	msgdaemon(8)	512
Compares or displays terminfo(5) descriptions	Compares or displays terminfo(5) descriptions	infocmp(8)	403
Compresses a UNICOS kernel file	Compresses a UNICOS kernel file	kcompress(8)	428
Compressing a kernel	Compresses a UNICOS kernel file	kcompress(8)	428
Computes and displays disk resource consumption by login	Computes and displays disk resource consumption by login	acctdusg(8)	11
Condenses a session record file into a cacct file	Condenses a session record file into a cacct file	csacon(8)	145
Configuration	Initializes the tape subsystem	tpinit(8)	1025
Configuration	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Configuration	Invokes UNICOS installation and configuration menu system	install(8)	413
Configuration	Manages user login accounts	nu(8)	665
Configuration file (AIR)	Prints AIR configuration file contents from configuration headers in the aird(8) binary log file ...	airprconf(8)	33
Configuration freeze file	Sends mail over the Internet	sendmail(8)	861
Configuration of devices	Displays current tape equipment configuration	tpdev(8)	1015
Configuration of tapes	Displays current tape equipment configuration	tpdev(8)	1015
Configuration of the disk subsystem	Maps physical and logical devices	dmap(8)	242
Configures a IPI-3/HIPPI channel up or down	Configures a IPI-3/HIPPI channel up or down	hpi3_config(8)	365

Configures an IPI-3/IPI channel up or down	Configures an IPI-3/IPI channel up or down	ip3_config(8)	418
Configures and displays an ATM ARP table	Configures and displays an ATM ARP table	atmarp(8)	67
Configures and displays ATM administration statistics	Configures and displays ATM administration statistics	atmadmin(8)	65
Configures HIPPI and HSX channel interfaces	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
Configures network interface parameters ..	Configures network interface parameters	ifconfig(8)	391
Configures network interfaces	Configures network interfaces	initif(8)	411
Configures tape devices up and down	Configures tape devices up and down	tpconfig(8)	1004
Configuring UNICOS	Invokes UNICOS installation and configuration menu system	install(8)	413
Connect accounting files (processes)	Processes the daily accounting files and generates reports	csarun(8)	185
Connect accounting (generates session records)	Generates a session record file	csabuild(8)	142
Connect accounting records	Manipulates connect accounting records	fwtmp(8)	333
Connect sessions (outputs)	Preprocesses connect-time sessions	csaline(8)	170
Connect time (reports CPU)	Reports on consolidated accounting data	csacrep(8)	150
Connects a user with UNICOS	Sets up an interactive connection	getty(8)	350
Consolidated accounting data (reports)	Reports on consolidated accounting data	csacrep(8)	150
Consolidates accounting data for session and pacct files	Consolidates accounting data for session and pacct files	csagcon(8)	158
Constructs a file system	Constructs a file system	mkfs(8)	478
Controlling excessive user errors	Set maximum user error counts	seterr(8)	870
Controlling resource share allocation	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Controls daemon accounting	Controls daemon accounting	turndacct(8)	1057
Controls device and performance accounting	Controls device and performance accounting	devacct(8)	219
Controls device cache allocation, deallocation and attributes	Controls device cache allocation, deallocation and attributes	pcache(8)	722
Controls process accounting	Controls process accounting	turnacct(8)	1055
Controls process accounting	Controls process accounting	accton(8)	14
Controls process initialization	Controls process initialization	init(8)	408
Controls the operation of NIS+ servers	Controls the operation of NIS+ servers	nisctl(8)	598
Controls the operation of the line printer ..	Controls the operation of the line printer	lpc(8)	452
Controls the state of a disk drive	Controls the state of a disk drive	sdconf(8)	853
Controls the state of a model E SSD drive	Controls the state of a model E SSD drive	ssddconf(8)	959
Controls the state of an IOS model E disk drive	Controls the state of an IOS model E disk drive	pddconf(8)	729
Controls the state of the system	Controls process initialization	init(8)	408
Conversion to UNICOS 9.0	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147

Converts a sequence of login records	Performs connect-time accounting	acctcon(8)	7
Converts a sequence of logoff records	Performs connect-time accounting	acctcon(8)	7
Converts a termcap description into a terminfo(5) description	Converts a termcap description into a terminfo(5) description	captoinfo(8)	83
Converts between wildcard and multilevel directory (MLD) structures	Converts between wildcard and multilevel directory (MLD) structures	cvtmldir(8)	204
Converts binary records in wttmp	Manipulates connect accounting records	fwtmp(8)	333
Converts disk data to cacct or tacct format	Converts disk data to cacct or tacct format	acctdisk(8)	9
Converts login session records	Performs connect-time accounting	acctcon(8)	7
Converts NIC standard format host tables	Converts NIC standard format host tables	htable(8)	386
Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
Converts session records into IBM format	Converts session records into IBM format	csaibm(8)	165
Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
Converts wttmp records to ASCII records ..	Manipulates connect accounting records	fwtmp(8)	333
Converts/prints Internet addresses from hosts(5) or networks(5) files	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
Coordinator binary log file	Generates availability summary reports based on aird(8) binary log file	airsum(8)	39
Coordinator binary log file	Generates detailed AIR reports based on aird(8) binary log file	airtsum(8)	49
Copies data to rmt(8) command on network	Copies data to rmt(8) command on network	lrmt(8)	460
Copies leg of a mirrored disk in IOS model E systems	Copies leg of a mirrored disk in IOS model E systems	mddcp(8)	466
coredd(8)	Automatically copies raw core dump files to a regular UNICOS file in a separate file system	coredd(8)	101
coredd(8)	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
/core.sys file	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Costs (fair-share system usage)	Changes and displays costs for fair-share scheduler usage calculations	shradmin(8)	880
cpdmp(8)	Automatically copies raw core dump files to a regular UNICOS file in a separate file system	coredd(8)	101
cpdmp(8)	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
cpset(8)	Installs object files in binary directories	cpset(8)	105
CPU breakdown for multitasking (reports)	Reports on consolidated accounting data	csacrep(8)	150

CPU connect time (reports)	Reports on consolidated accounting data	csacrep(8)	150
CPU (multiple) information (reports)	Prints a job report from the session record file	csajrep(8)	166
CPU time (fair-share scheduler)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
CPU time limit for jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
CPU time memory integral (reports)	Reports on consolidated accounting data	csacrep(8)	150
CPU usage	Generates system activity data on a routine basis	sar(8)	843
CPU usage (reports)	Prints a job report from the session record file	csajrep(8)	166
cpu(8)	Selects, dedicates, and changes mode bits per CPUs ...	cpu(8)	107
crash(8)	Examines system core images	crash(8)	111
Createdir	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Createdir	Manages user login accounts	nu(8)	665
Createfiles	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Createfiles	Manages user login accounts	nu(8)	665
Creates a binary network host file	Creates a binary network host file	mkbinhost(8)	472
Creates a bit map of well-known reserved ports	Creates a bit map of well-known reserved ports	rsvportbm(8)	825
Creates a multilevel directory (MLD)	Creates a multilevel directory (MLD)	mlmkdir(8)	489
Creates a network information service (NIS) dbm file	Creates a network information service (NIS) dbm file	makedbm(8)	461
Creates a new key in the publickey database	Creates a new key in the publickey database	newkey(8)	538
Creates a user or group mapping between the local Cray Research administrative environment and a remote administrative environment	Creates a user or group mapping between the local Cray Research administrative environment and a remote administrative environment	nfsmerge(8)	563
Creates a utmp(5) record	Creates a utmp(5) record	acctwtmp(8)	20
Creates an empty file owned by adm	Creates an empty file owned by adm	nulladm(8)	677
Creates monthly summary files	Creates monthly summary files	monacct(8)	494
Creates NIS+ credentials	Creates NIS+ credentials	nisaddcred(8)	578
Creates NIS+ subdirectories	Creates NIS+ subdirectories	nismkdir(8)	619
Creates NIS+ tables from their corresponding /etc files and NIS maps ...	Creates NIS+ tables from their corresponding /etc files and NIS maps	nisaddent(8)	582
Creates relative bad block file from ASCII flaw table files	Creates relative bad block file from ASCII flaw table files	bb(8)	72
Creates summary files in /usr/adm/acct/fiscal	Creates a utmp(5) record	acctwtmp(8)	20
Creates user database (UDB)	Generates or maintains the user database	udbgen(8)	1059
Creating product availability report	Generates availability summary reports based on aird(8) binary log file	airsum(8)	39
Critical command (file system monitor)	File system monitor daemon	fsdaemon(8)	292

Critical state (file system monitor)	Interfaces with the file system monitor		
	fsdaemon(8)	fsmon(8)	302
cron(8)	Clock daemon	cron(8)	135
cron(8)	Creates a utmp(5) record	acctwtmp(8)	20
cron(8)	Runs daily accounting	runacct(8)	826
csa(8)	Overview of Cray Research system accounting	csa(8)	137
csaaddc(8)	Adds cacct records	csaaddc(8)	139
csaboosts(8)	Records system boot times for the accounting		
	subsystem	csaboosts(8)	141
csabuild(8)	Generates a session record file	csabuild(8)	142
csacon(8)	Condenses a session record file into a cacct file	csacon(8)	145
csaconvert(8)	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3		
	accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
csacrep(8)	Reports on consolidated accounting data	csacrep(8)	150
csadrep(8)	Reports daemon usage	csadrep(8)	152
csaedit(8)	Displays, verifies, and deletes records from various		
	accounting files	csaedit(8)	154
csafef2(8)	Produces summarized session records	csafef2(8)	156
csafef(8)	Formats data for front-end accounting system	csafef(8)	157
csagcon(8)	Consolidates accounting data for session and		
	pacct files	csagcon(8)	158
csagfef(8)	Formats consolidated accounting data	csagfef(8)	163
csaibm(8)	Converts session records into IBM format	csaibm(8)	165
csajrep(8)	Prints a job report from the session record file	csajrep(8)	166
csaline(8)	Preprocesses connect-time sessions	csaline(8)	170
csam(8)	Displays system activity data on a dumb terminal	csam(8)	172
csanqs(8)	Preprocesses the NQS accounting files	csanqs(8)	177
csapacct(8)	Verifies and deletes records from a pacct file	csapacct(8)	179
csaperiod(8)	Runs periodic accounting	csaperiod(8)	180
csaperm(8)	Changes group ID and permissions of accounting		
	files	csaperm(8)	182
csarecy(8)	Recycles unfinished sessions into next accounting		
	run	csarecy(8)	183
csarun(8)	Processes the daily accounting files and generates		
	reports	csarun(8)	185
csasocket(8)	Processes socket accounting data	csasocket(8)	189
csaswitch(8)	Checks the status of, enables, and disables process,		
	daemon, and record accounting	csaswitch(8)	197
csaverify(8)	Checks accounting records for valid data	csaverify(8)	202
CSL	Verifies boot-time CSL directives for IOS model E		
	systems and generates mknod commands for		
	specified configuration	econfig(8)	256
ctmp	Performs connect-time accounting	acctcon(8)	7
Cumulative disk usage count (reports)	Reports on consolidated accounting data	csacrep(8)	150
Cumulative disk-block-usage count	Merges or adds total accounting files	acctmerg(8)	12
Current stack frame	Examines system core images	crash(8)	111
Current use of a given block	Identifies a block on a given file system	bmap(8)	75
courses(3)	Converts a termcap description into a		
	terminfo(5) description	captainfo(8)	83

cvtmldir(8)	Converts between wildcard and multilevel directory (MLD) structures	cvtmldir(8)	204
DAC	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Daemon	Clock daemon	cron(8)	135
Daemon	Daemon program for finger(1B)	fingerd(8)	285
Daemon accounting	Checks the status of, enables, and disables process, daemon, and record accounting	csaswitch(8)	197
Daemon accounting (charging fees)	Charges a fee to a user	chargefee(8)	85
Daemon accounting files (processes)	Processes the daily accounting files and generates reports	csarun(8)	185
Daemon (AIR)	Automated incident reporting (AIR) daemon	aird(8)	22
Daemon (AIR)	Ensures that the AIR daemon (aird(8)) is running (cron(8) script)	airdchk(8)	24
Daemon (fair-share scheduler)	Performs system functions for the fair-share scheduler	shrdaemon(8)	885
Daemon (file system monitor)	File system monitor daemon	fsdaemon(8)	292
Daemon (file system monitor)	Interfaces with the file system monitor fsdaemon(8)	fsmon(8)	302
Daemon for line printer	Provides line printer daemon function	lpd(8)	455
Daemon (NFS)	Starts NFS daemons and services requests	nfsd(8)	553
Daemon program for finger(1B)	Daemon program for finger(1B)	fingerd(8)	285
Daemon status (printer)	Controls the operation of the line printer	lpc(8)	452
Daemon (tape)	Stops tape daemon	tpdstop(8)	1017
Daemons (starts network)	Starts the TCP/IP networking software	tcpstart(8)	980
Daily accounting	Runs daily accounting	runacct(8)	826
Daily accounting files (processes)	Processes the daily accounting files and generates reports	csarun(8)	185
Daily consolidated accounting files (processes)	Runs periodic accounting	csaperiod(8)	180
Damage file system	Runs file system checks in parallel	mfscck(8)	469
DARPA Internet	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
DARPA Internet File Transfer Protocol server process	Invokes the Internet file transfer protocol server	ftpd(8)	325
DARPA protocol port numbers	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
DARPA standard TELNET virtual terminal protocol	Invokes the DARPA TELNET protocol server	telnetd(8)	982
Data contents of I/O (determines)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Data migration disk space (sets)	Generates or maintains the user database	udbgen(8)	1059
Data migration media selection	Generates or maintains the user database	udbgen(8)	1059
Data path of tape	Displays current tape equipment configuration	tpdev(8)	1015
Data transfer statistics (displays NFS)	Displays NFS statistics	nfsstat(8)	574
Database examination for network information service (NIS)	Provides network information service (NIS) server and binder processes	ypserv(8)	1165

Datagram	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
Date packet	Sets the system date from the IOS	setdate(8)	868
daytacct	Runs daily accounting	runacct(8)	826
dbm database examination	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
Dbm file (creates)	Creates a network information service (NIS) dbm file	makedbm(8)	461
ddms(8)	Provides online disk maintenance capabilities for Cray PVP systems with an IOS model E	ddms(8)	206
ddoffload(8)	Provides offloading of a single spindle of a DD-4x disk drive for Cray PVP systems	ddoffload(8)	213
ddstat(8)	Displays configuration information about disk type character and block special devices	ddstat(8)	215
Debugger	Initiates the tape subsystem monitor	tpcore(8)	1009
Debugging configuration files	Prints and validates an AIR configuration file	airckconf(8)	21
Debugging file system	Debugs NC1FS file systems	fsed(8)	294
Debugs NC1FS file systems	Debugs NC1FS file systems	fsed(8)	294
Decompressing a kernel	Compresses a UNICOS kernel file	kcompress(8)	428
ded(8)	Runs a program in dedicated mode	ded(8)	217
Default accounting ID	Sets default accounting ID	setacid(8)	867
DefaultHome	Manages user login accounts through a graphical user interface	xadmin(8)	1126
DefaultHome	Manages user login accounts	nu(8)	665
DefaultShell	Manages user login accounts through a graphical user interface	xadmin(8)	1126
DefaultShell	Manages user login accounts	nu(8)	665
Defines a user ID and/or group ID map for use with NFS	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
Defines physical storage	Defines physical storage	stor(8)	967
DeleteAccts	Manages user login accounts through a graphical user interface	xadmin(8)	1126
DeleteAccts	Manages user login accounts	nu(8)	665
Deletes a route	Manipulates network routing tables manually	route(8)	808
Deletes job temporary directories	Deletes job temporary directories	cleantmp(8)	95
DestroyAccts	Manages user login accounts through a graphical user interface	xadmin(8)	1126
DestroyAccts	Manages user login accounts	nu(8)	665
Detects and isolates problems in networks associated with Cray Research systems	Detects and isolates problems in networks associated with Cray Research systems	olnet(8)	703
devacct(8)	Controls device and performance accounting	devacct(8)	219
/dev/dsk	Moves a spindle in IOS model E disk configuration	cm(8)	99
/dev/dsk/dump	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
/dev/error	Invokes the error-logging daemon	errdemon(8)	257
/dev/fddi	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141

/dev/fddi	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
/dev/fddi	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
/dev/fddi	Utility to gather FDDI station management information	fddimap(8)	271
/dev/fddi	Displays information about IOS model E FDDI devices	fddistat(8)	274
/dev/fddi	FDDI station management daemon	smt(8)	910
Device accounting (controls)	Controls device and performance accounting	devacct(8)	219
device cache	Controls device cache allocation, deallocation and attributes	pcache(8)	722
device cache	Syncs device cache and sets cache sync interval	pcsync(8)	728
device cache statistics	Displays device cache statistics	pcstat(8)	726
Device configuration	Displays current tape equipment configuration	tpdev(8)	1015
Device control function	Controls the state of an IOS model E disk drive	pddconf(8)	729
Device control function	Controls the state of a disk drive	sdconf(8)	853
Device numbers	Builds a directory entry and inode for a special file ...	mknod(8)	483
Devices mounted	Mounts and unmounts the file system	mount(8)	495
/dev/mem	Examines system core images	crash(8)	111
devnm(8)	Prints device name	devnm(8)	221
/dev/pdd	Moves a spindle in IOS model E disk configuration ...	cm(8)	99
/dev/systty	Controls process initialization	init(8)	408
dgdemon(8)	Invokes the diagnostic daemon	dgdemon(8)	223
dgstop(8)	Terminates the diagnostic daemon	dgstop(8)	225
diagccmt(8)	Online I/O diagnostic client	diagccmt(8)	226
Diagnostic daemon	Invokes the diagnostic daemon	dgdemon(8)	223
Diagnostic interface	Graphical user interface for X Window System based diagnostic applications	xdi(8)	1129
dig(8)	Sends domain name query packets to name servers ...	dig(8)	228
.dir file (creates)	Creates a network information service (NIS) dbm file	makedbm(8)	461
Directories of file system	Lists file names and statistics for a file system	ff(8)	282
Directories resident on logical device	Lists files and directories on a logical device	fsoffload(8)	314
Directory	Moves a directory	mvdir(8)	515
Directory entry	Builds a directory entry and inode for a special file ...	mknod(8)	483
Directory exporting	Exports and unexports directories to NFS clients	exportfs(8)	265
Directory inode	Builds a directory entry and inode for a special file ...	mknod(8)	483
Directory movement	Moves a directory	mvdir(8)	515
Directs the actions of init	Controls process initialization	init(8)	408
Disables a printer	Controls the operation of the line printer	lpc(8)	452
Disables printer's spooling queue	Controls the operation of the line printer	lpc(8)	452
Disabling security audit log	Changes security auditing criteria	spaudit(8)	922
Disk accounting by login directory	Creates a utmp(5) record	acctwtmp(8)	20
Disk and tape I/O activity	Generates system activity data on a routine basis	sar(8)	843
Disk configuration	Moves a spindle in IOS model E disk configuration ...	cm(8)	99
Disk control command	Controls the state of an IOS model E disk drive	pddconf(8)	729
Disk control command	Displays information about the IOS model E	pddstat(8)	733
Disk control command	Controls the state of a disk drive	sdconf(8)	853
Disk control command	Displays information about disk device I/O	sdstat(8)	857
Disk device activity	Displays information about disk device I/O	sdstat(8)	857

Disk drive state	Controls the state of a disk drive	sdconf(8)	853
Disk space for data migration (sets)	Generates or maintains the user database	udbgen(8)	1059
Disk special files	Builds a directory entry and inode for a special file	mknod(8)	483
Disk type character	Displays configuration information about disk type character and block special devices	ddstat(8)	215
diskusg(8)	Generates disk accounting data by user, account, or group ID	diskusg(8)	234
Display and change SSD configuration information	Display and change SSD configuration information	ssd(8)	956
Display and patch capabilities	Debugs NC1FS file systems	fsed(8)	294
Display commands	Invokes the operator display manager	oper(8)	715
Display information about the IOS model E network driver	Display information about the IOS model E network driver	nconf(8)	523
Displays action messages	Allows operators to display action messages	msgd(8)	511
Displays address resolution display and control	Displays address resolution display and control	arp(8)	60
Displays and alters network configuration variables	Displays and alters network configuration variables	netvar(8)	535
Displays configuration information about disk type character and block special devices	Displays configuration information about disk type character and block special devices	ddstat(8)	215
Displays Cray MPP system activity through a graphic user interface	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
Displays current system swapping activity	Displays current system swapping activity	swapper(8)	970
Displays current tape equipment configuration	Displays current tape equipment configuration	tpdev(8)	1015
Displays data about system activity	Displays data about system activity	sam(8)	839
Displays device cache statistics	Displays device cache statistics	pcstat(8)	726
Displays device information	Displays device information	ipi3_stat(8)	423
Displays device statistics	Displays device statistics	hpi3_stat(8)	370
Displays file system free-blocks	Displays file system free-blocks	fsmap(8)	299
Displays graphic data about system activity	Displays graphic data about system activity	xsam(8)	1148
Displays information about disk device I/O	Displays information about disk device I/O	sdstat(8)	857
Displays information about IOS model E FDDI devices	Displays information about IOS model E FDDI devices	fddistat(8)	274
Displays information about model E I/O cluster(s) (IOCs) attached to Cray PVP systems and their associated low-speed channel(s)	Displays information about model E I/O cluster(s) (IOCs) attached to Cray PVP systems and their associated low-speed channel(s)	iocstat(8)	415

Displays information about the IOS model E	Displays information about the IOS model E	pddstat(8)	733
Displays loader status	Displays loader status	tpmls(8)	1030
Displays massively parallel processing (MPP) system activity	Displays massively parallel processing (MPP) system activity	mppview(8)	503
Displays NFS statistics	Displays NFS statistics	nfsstat(8)	574
Displays NIS+ default values	Displays NIS+ default values	nisdefaults(8)	603
Displays NIS+ error messages	Displays NIS+ error messages	niserror(8)	605
Displays NIS+ tables and objects	Displays NIS+ tables and objects	niscat(8)	588
Displays offset between local time and real time	Displays offset between local time and real time	ntpstime(8)	663
Displays operator information about tape devices	Displays operator information about tape devices	tpbm(8)	994
Displays or changes a mirrored disk configuration	Displays or changes a mirrored disk configuration	mddconf(8)	464
Displays system activity data on a dumb terminal	Displays system activity data on a dumb terminal	csam(8)	172
Displays tape daemon mount request queue list	Displays tape daemon mount request queue list	tpmql(8)	1032
Displays the contents of the NIS+ transaction log	Displays the contents of the NIS+ transaction log	nislog(8)	614
Displays the fair-share hierarchy defined in the user database (UDB)	Displays the fair-share hierarchy defined in the user database (UDB)	shrtree(8)	896
Displays the print queue	Provides line printer daemon function	lpd(8)	455
Displays user reservation status for all users	Displays user reservation status for all users	tpgstat(8)	1023
Displays value of system's notion of physical memory	Changes the system's notion of physical memory size	chmem(8)	86
Displays, verifies, and deletes records from various accounting files	Displays, verifies, and deletes records from various accounting files	csaedit(8)	154
Displays X Window System TCP/IP network and UNICOS NFS statistics	Displays X Window System TCP/IP network and UNICOS NFS statistics	netperf(8)	526
dmap(8)	Maps physical and logical devices	dmap(8)	242
dnsquery(8)	Queries domain name servers by using resolver library calls	dnsquery(8)	244
dodisk(8)	Performs disk accounting	dodisk(8)	247
Double-bit errors	Memory error correction interface SECDDED hardware	secded(8)	859
Downed memory	Changes the system's notion of physical memory size	chmem(8)	86
Dump level	Invokes an incremental file system dump	dump(8)	249
dump(8)	Invokes an incremental file system dump	dump(8)	249
dump(8)	Initializes raw dump device header	mkdmp(8)	474

dump(8)	Performs a file system dump across a TCP/IP network	rdump(8)	781
dump(8)	Restores a file system dump across a TCP/IP network	rrestore(8)	819
dump.log file	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Dynamic disk configuration	Builds a directory entry and inode for a special file	mknod(8)	483
Dynamic share (fair-share scheduler)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
EBM (enable bidirectional memory)	Scans an a.out file looking for EBM instructions	ebmchk(8)	255
ebmchk(8)	Scans an a.out file looking for EBM instructions	ebmchk(8)	255
Echo message packet	Send an echo packet to a GigaRing node	fping(8)	286
ECHO_REQUEST datagram	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
econfig(8)	Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	econfig(8)	256
Emits session record for each active line ..	Performs connect-time accounting	acctcon(8)	7
Enable bidirectional memory (EBM)	Scans an a.out file looking for EBM instructions	ebmchk(8)	255
Enables a printer	Controls the operation of the line printer	lpc(8)	452
Enables and disables user access	Enables and disables user access	udbrstrict(8)	1084
Enables printer's spooling queue	Controls the operation of the line printer	lpc(8)	452
Enabling security audit log	Changes security auditing criteria	spaudit(8)	922
Ensures that the AIR daemon (aird(8)) is running (cron(8) script)	Ensures that the AIR daemon (aird(8)) is running (cron(8) script)	airdchk(8)	24
ER90 tape formatting	Formats an ER90 tape volume	tpformat(8)	1018
errdemon(8)	Invokes the error-logging daemon	errdemon(8)	257
errdemon(8)	Processes errors report generated by errdemon(8)	errrpt(8)	259
Errlog file (moving of)	Moves the errlog file	mverr(8)	516
Error records (collection of)	Invokes the error-logging daemon	errdemon(8)	257
Error-logging daemon	Invokes the error-logging daemon	errdemon(8)	257
Error-logging mechanism	Processes errors report generated by errdemon(8)	errrpt(8)	259
errrpt(8)	Invokes the error-logging daemon	errdemon(8)	257
errrpt(8)	Processes errors report generated by errdemon(8)	errrpt(8)	259
errstop(8)	Terminates the error-logging daemon	errstop(8)	262
esdaemon(8)	Initializes and monitors the External Semaphore Device	sfsd(8)	879
esdmon(8)	Interactively monitors the logical-layer External Semaphore Device	esdmon(8)	263
/etc/acid (updates)	Generates or maintains the user database	udbgen(8)	1059
/etc/acid(5)	Sets default accounting ID	setacid(8)	867
/etc/checklist	Creates a utmp(5) record	acctwtmp(8)	20
/etc/config/daemons file (starting AIR)	Starts the automated incident reporting (AIR) system	start_air(8)	961
/etc/csainfo (boot time recorded in) ..	Records system boot times for the accounting subsystem	csaboosts(8)	141
/etc/gettydefs	Sets up an interactive connection	getty(8)	350
/etc/group	Checks password and group files for consistency	pwck(8)	765

/etc/group (updates)	Generates or maintains the user database	udbgen(8)	1059
/etc/hostst.bin file (creates)	Creates a binary network host file	mkbinhost(8)	472
/etc/nu.ca	Manages user login accounts	nu(8)	665
/etc/nulib/nu1.sh	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/etc/nulib/nu1.sh	Manages user login accounts	nu(8)	665
/etc/nulib/nu2.sh	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/etc/nulib/nu3.sh	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/etc/nulib/nu3.sh	Manages user login accounts	nu(8)	665
/etc/nulib/nu4.sh	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/etc/nulib/nu4.sh	Manages user login accounts	nu(8)	665
/etc/nulib/nu5.sh	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/etc/passwd	Checks password and group files for consistency	pwck(8)	765
/etc/passwd (updates)	Generates or maintains the user database	udbgen(8)	1059
/etc/rmt	Performs a file system dump across a TCP/IP network	rdump(8)	781
/etc/rmt	Restores a file system dump across a TCP/IP network	rrestore(8)	819
/etc/wtmp	Manipulates connect accounting records	fwtmp(8)	333
/etc/wtmp	Performs connect-time accounting	acctcon(8)	7
Event records (AIR)	Generates detailed AIR reports based on aird(8) binary log file	airdet(8)	25
Eviction mask (sets)	Generates or maintains the user database	udbgen(8)	1059
Examines crontab(1) files and at(1) command files	Clock daemon	cron(8)	135
Examines system core images	Examines system core images	crash(8)	111
Executed /etc/inittab by init(8) ...	Invokes system initialization shell scripts	brc(8)	77
Executes commands at specified dates and times	Clock daemon	cron(8)	135
Executes link(2) and unlink(2) system calls	Executes link(2) and unlink(2) system calls	link(8)	448
Exercises network devices capable of running TCP/IP	Exercises network devices capable of running TCP/IP	vst(8)	1112
Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
exportfs(8)	Exports and unexports directories to NFS clients	exportfs(8)	265
Exports and unexports directories to NFS clients	Exports and unexports directories to NFS clients	exportfs(8)	265
External Semaphore Device	Initializes and monitors the External Semaphore Device	sfsd(8)	879

Extracts, formats, and outputs UNICOS

security event files	Extracts, formats, and outputs UNICOS security event files	reduce(8)	783
factory flaw table	Reads user Factory Flaw table and reports flaws	ift(8)	397
Fair shares allocated (sets)	Generates or maintains the user database	udbgen(8)	1059
Fair-share information (and UDB)	Synchronizes the UDB and fair-share information for active users	shrsync(8)	894
Fair-share scheduler accumulated costs (sets)	Generates or maintains the user database	udbgen(8)	1059
Fair-share scheduler disk usage limit (sets)	Generates or maintains the user database	udbgen(8)	1059
Fair-share scheduler error display	Displays the fair-share hierarchy defined in the user database (UDB)	shrtree(8)	896
Fair-share scheduler hierarchy display	Displays the fair-share hierarchy defined in the user database (UDB)	shrtree(8)	896
Fair-share scheduler l_flags (sets)	Generates or maintains the user database	udbgen(8)	1059
Fair-share scheduler warnings (sets)	Generates or maintains the user database	udbgen(8)	1059
Fair-share scheduler xflags (sets)	Generates or maintains the user database	udbgen(8)	1059
FDDI	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
FDDI	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
FDDI	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
FDDI	Utility to gather FDDI station management information	fddimap(8)	271
FDDI	Displays information about IOS model E FDDI devices	fddistat(8)	274
FDDI	FDDI station management daemon	smt(8)	910
FDDI driver	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
FDDI driver	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
FDDI driver	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
FDDI driver	Utility to gather FDDI station management information	fddimap(8)	271
FDDI driver	Displays information about IOS model E FDDI devices	fddistat(8)	274
FDDI driver	FDDI station management daemon	smt(8)	910
FDDI file name format	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
FDDI file name format	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
FDDI file name format	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
FDDI file name format	Utility to gather FDDI station management information	fddimap(8)	271
FDDI file name format	Displays information about IOS model E FDDI devices	fddistat(8)	274
FDDI file name format	FDDI station management daemon	smt(8)	910
FDDI station management daemon	FDDI station management daemon	smt(8)	910
fddidump(8)	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
fddiload(8)	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269

fddimap(8)	Utility to gather FDDI station management information	fddimap(8)	271
fddistat(8)	Displays information about IOS model E FDDI devices	fddistat(8)	274
fdump	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Fee (charged to user)	Charges a fee to a user	chargefee(8)	85
ff(8)	Lists file names and statistics for a file system	ff(8)	282
Fiber Distributed Data Interface	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
Fiber Distributed Data Interface	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
Fiber Distributed Data Interface	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
Fiber Distributed Data Interface	Utility to gather FDDI station management information	fddimap(8)	271
Fiber Distributed Data Interface	Displays information about IOS model E FDDI devices	fddistat(8)	274
Fiber Distributed Data Interface	FDDI station management daemon	smt(8)	910
FIFO special files (named pipes)	Builds a directory entry and inode for a special file	mknod(8)	483
File access	Generates system activity data on a routine basis	sar(8)	843
File locking	Manages user login accounts through a graphical user interface	xadmin(8)	1126
File locking	Manages user login accounts	nu(8)	665
File ownership levels (secure system)	Checks and sets file ownership, access, and security parameters	spfilck(8)	935
File quota system administration	Administers file quotas	quadmin(8)	767
File quota system interface	Administers file quotas	quadmin(8)	767
File residency	Lists files and directories on a logical device	fsoffload(8)	314
File system construction	Constructs a file system	mkfs(8)	478
File system error logging	File system error logging daemon	fslogd(8)	297
File system error logging daemon	File system error logging daemon	fslogd(8)	297
File system monitor daemon	File system monitor daemon	fsdaemon(8)	292
File system monitor daemon interface	Interfaces with the file system monitor	fsdaemon(8)	302
File system mounted	Mounts and unmounts the file system	mount(8)	495
File system removed	Mounts and unmounts the file system	mount(8)	495
File system super block	Changes dynamic information in file system super block	setfs(8)	872
File table	Examines system core images	crash(8)	111
Files resident on logical device	Lists files and directories on a logical device	fsoffload(8)	314
Finds network information service (NIS) map version at NIS server host	Finds network information service (NIS) map version at NIS server host	yppoll(8)	1162
finger(1B)	Daemon program for finger(1B)	fingerd(8)	285
fingerd(8)	Daemon program for finger(1B)	fingerd(8)	285
Flaw table	Identifies a block on a given file system	bmap(8)	75
Flushes logical device cache to disk	Flushes logical device cache to disk	ldsync(8)	447
fmsg	Send an echo packet to a GigaRing node	fping(8)	286
fmsg	Read or write a GigaRing MMR register	mmr(8)	492
fmsg nodes	Make fmsg nodes	mkfm(8)	477

Forces the propagation of a changed network information services (NIS) map ...	Forces the propagation of a changed network information services (NIS) map	yppush(8)	1163
Forcibly releases tape reservation and associated devices	Forcibly releases tape reservation and associated devices	tpfrls(8)	1022
Format a report of the previous day's accounting	Creates a utmp(5) record	acctwtmp(8)	20
Format and print any total accounting (tacct) file	Creates a utmp(5) record	acctwtmp(8)	20
Format host tables (converts NIC standard)	Converts NIC standard format host tables	htable(8)	386
Format of FDDI file names	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
Format of FDDI file names	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
Format of FDDI file names	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
Format of FDDI file names	Utility to gather FDDI station management information	fddimap(8)	271
Format of FDDI file names	Displays information about IOS model E FDDI devices	fddistat(8)	274
Format of FDDI file names	FDDI station management daemon	smt(8)	910
Formats an ER90 tape volume	Formats an ER90 tape volume	tpformat(8)	1018
Formats consolidated accounting data	Formats consolidated accounting data	csagfef(8)	163
Formats data for front-end accounting system	Formats data for front-end accounting system	csafef(8)	157
Formats trace information obtained from trcollect(8)	Formats trace information obtained from trcollect(8)	trformat(8)	1048
Formats UNICOS hardware errors logged by errdemon(8)	Formats UNICOS hardware errors logged by errdemon(8)	olhpa(8)	700
Formatting program (front-end accounting)	Formats data for front-end accounting system	csafef(8)	157
Forwards an Internet Protocol (IP) multicast datagram using Truncated Reverse Path Broadcasting (TRPB)	Forwards an Internet Protocol (IP) multicast datagram using Truncated Reverse Path Broadcasting (TRPB)	mrouted(8)	507
fping(8)	Send an echo packet to a GigaRing node	fping(8)	286
Front-end accounting program	Formats data for front-end accounting system	csafef(8)	157
Front-end formatter	Consolidates accounting data for session and pacct files	csagcon(8)	158
Front-end formatter	Formats consolidated accounting data	csagfef(8)	163
Front-end servicing (FES)	Sets features for the tape daemon	tpset(8)	1036
fsck(8)	Checks file system consistency and interactively repairs it	fsck(8)	288
fstdaemon(8)	File system monitor daemon	fstdaemon(8)	292
fstdaemon(8) interface	Interfaces with the file system monitor fstdaemon(8)	fsmon(8)	302

fsdaemon(8) (terminates)	Interfaces with the file system monitor		
	fsdaemon(8)	fsmon(8)	302
fsed(8)	Debugs NCLFS file systems	fsed(8)	294
fslogd(8)	File system error logging daemon	fslogd(8)	297
fsmap(8)	Displays file system free-blocks	fsmap(8)	299
fsmon(8)	Interfaces with the file system monitor		
	fsdaemon(8)	fsmon(8)	302
fsmpptest(8)	MPP multi-PE application file system and disk device test including performance measurement and data comparison	fsmpptest(8)	307
fsoffload(8)	Lists files and directories on a logical device	fsoffload(8)	314
fstab(5)	Runs file system checks in parallel	mfscck(8)	469
fstab(5)	Mounts and unmounts the file system	mount(8)	495
fstest(8)	Tests file systems and disk devices	fstest(8)	316
ftpd(8)	Invokes the Internet file transfer protocol server	ftpd(8)	325
Full dump	Invokes an incremental file system dump	dump(8)	249
fuser(8)	Identifies processes using a file or file structure	fuser(8)	331
fwtmp(8)	Manipulates connect accounting records	fwtmp(8)	333
gated(8)	Performs routing protocols	gated(8)	335
gdc(8)	Operational user interface for gated(8)	gdc(8)	338
General process spawner	Controls process initialization	init(8)	408
Generates a session record file	Generates a session record file	csabuild(8)	142
Generates accounting reports	Processes the daily accounting files and generates reports	csarun(8)	185
Generates and validates Kerberos tickets for Kerberized NFS	Generates and validates Kerberos tickets for Kerberized NFS	kerbd(8)	430
Generates availability summary reports based on aird(8) binary log file	Generates availability summary reports based on aird(8) binary log file	airsum(8)	39
Generates detailed AIR reports based on aird(8) binary log file	Generates detailed AIR reports based on aird(8) binary log file	airdet(8)	25
Generates detailed AIR reports based on aird(8) binary log file	Generates detailed AIR reports based on aird(8) binary log file	airtsum(8)	49
Generates disk accounting data by user, account, or group ID	Generates disk accounting data by user, account, or group ID	diskusg(8)	234
Generates intermediate disk accounting information	Generates disk accounting data by user, account, or group ID	diskusg(8)	234
Generates line printer ripple pattern	Generates line printer ripple pattern	lptest(8)	459
Generates or maintains the user database ...	Generates or maintains the user database	udbgen(8)	1059
Generates register parity errors	Generates register parity errors	regpar(8)	789
Generates system activity data on a routine basis	Generates system activity data on a routine basis	sar(8)	843
getconfig(8)	Searches the accounting configuration file for the specified argument	getconfig(8)	342

getpal(8)	Gets the privilege assignment list (PAL) category entries of a file	getpal(8)	343
getprivs(8)	Gets the privilege sets of a file	getprivs(8)	346
Gets NIC format host tables from a host ...	Gets NIC format host tables from a host	gettable(8)	349
Gets or sets kernel state	Gets or sets kernel state	sysctl(8)	973
Gets the privilege assignment list (PAL) category entries of a file	Gets the privilege assignment list (PAL) category entries of a file	getpal(8)	343
Gets the privilege sets of a file	Gets the privilege sets of a file	getprivs(8)	346
gettable(8)	Gets NIC format host tables from a host	gettable(8)	349
getty(8)	Sets up an interactive connection	getty(8)	350
GigaRing MMR register	Read or write a GigaRing MMR register	mmr(8)	492
Graphical user interface for X Window System based diagnostic applications	Graphical user interface for X Window System based diagnostic applications	xdi(8)	1129
Group adm permissions	Changes group ID and permissions of accounting files	csaperm(8)	182
Group ID map (defines NFS)	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
Group ID map file (reads)	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
Group ID map file (removes)	Removes a previously defined user and/or group ID map	nfsrmmmap(8)	569
Group IDs for accounting files	Changes group ID and permissions of accounting files	csaperm(8)	182
Group IDs (sets)	Generates or maintains the user database	udbgen(8)	1059
Group mapping	Creates a user or group mapping between the local Cray Research administrative environment and a remote administrative environment	nfsmerge(8)	563
Group mapping tables (removes)	Removes user and group mapping tables and ID mapping domains from the kernel	nfsclear(8)	551
GroupHome	Manages user login accounts through a graphical user interface	xadmin(8)	1126
GroupHome	Manages user login accounts	nu(8)	665
grpck(8)	Checks password and group files for consistency	pwck(8)	765
Guest memory	Changes the system's notion of physical memory size	chmem(8)	86
Handles password change requests from yppasswd(1)	Handles password change requests from yppasswd(1)	yppasswdd(8)	1160
Hardware Performance Monitor (HPM)	Reports hardware performance statistics for entire machine workload	hpmall(8)	375
Hash table	Checks consistency of NFS ID mapping hash tables in a kernel or a kernel dump	nfsckhash(8)	549
hddmon(8)	HIPPI disk device monitor and control program	hddmon(8)	352
Heartbeat records (AIR)	Generates detailed AIR reports based on aird(8) binary log file	airdet(8)	25
High-speed external communication channels (configures)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384

HIPPI channel testing	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
HIPPI channel (tests)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
HIPPI disk array	HIPPI disk device monitor and control program	hddmon(8)	352
HIPPI disk device monitor	HIPPI disk device monitor and control program	hddmon(8)	352
HIPPI disk device monitor and control program	HIPPI disk device monitor and control program	hddmon(8)	352
hit(8)	Performs a HYPERchannel interface test	hit(8)	357
Host addresses (adds to ID mapping domains)	Adds host addresses to ID mapping domains	nfsaddhost(8)	542
Host addresses to ID mapping domains (removes)	Removes an ID mapping domain host address or a range of host addresses	nfsrmhost(8)	567
Host name (login)	Generates or maintains the user database	udbgen(8)	1059
Host name (sets)	Starts the TCP/IP networking software	tcpstart(8)	980
Host tables (gets NIC format from host) ...	Gets NIC format host tables from a host	gettable(8)	349
hosts(5) files (Internet addresses)	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
hosts.bin file (creates)	Creates a binary network host file	mkbinhost(8)	472
hpi3_clear(8)	Clears a IPI-3/HIPPI packet driver device	hpi3_clear(8)	364
hpi3_config(8)	Configures a IPI-3/HIPPI channel up or down	hpi3_config(8)	365
hpi3_option(8)	Modifies a IPI-3/HIPPI packet driver option(s)	hpi3_option(8)	366
hpi3_start(8)	Starts the IPI-3/HIPPI packet driver subsystem	hpi3_start(8)	368
hpi3_stat(8)	Displays device statistics	hpi3_stat(8)	370
hpi3_stop(8)	Stops the IPI-3/HIPPI subsystem	hpi3_stop(8)	374
HPM	Reports hardware performance statistics for entire machine workload	hpmall(8)	375
hpmall(8)	Reports hardware performance statistics for entire machine workload	hpmall(8)	375
hpmflop(8)	Reports hardware performance statistics gathered for user processes	hpmflop(8)	378
HSX channel interface (configures up and down)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
HSX channels (prevents simultaneous use of)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
hsxconfig(8)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
htable(8)	Converts NIC standard format host tables	htable(8)	386
HYPERCchannel interface	Sets the Internet address to hardware address mapping	hyroute(8)	388
HYPERCchannel routing information	Sets the Internet address to hardware address mapping	hyroute(8)	388
hyroute(8)	Sets the Internet address to hardware address mapping	hyroute(8)	388
ICMP ECHO_RESPONSE	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746

ID map change	Reports or changes the state of NFS ID mapping in the kernel	nfsidmap(8)	557
ID map entry removal	Removes a user ID map entry from a kernel ID map ..	nfsrmuser(8)	571
ID map (removes group or user file)	Removes a previously defined user and/or group ID map	nfsrmmmap(8)	569
ID map report	Reports or changes the state of NFS ID mapping in the kernel	nfsidmap(8)	557
ID mapping domains (adds host addresses)	Adds host addresses to ID mapping domains	nfsaddhost(8)	542
ID mapping domains host addresses (removes)	Removes an ID mapping domain host address or a range of host addresses	nfsrmhost(8)	567
ID mapping domains (lists)	Lists all kernel ID mapping domains	nfslist(8)	560
ID mapping file creation	Creates a user or group mapping between the local Cray Research administrative environment and a remote administrative environment	nfsmerge(8)	563
Identifies a block on a given file system ...	Identifies a block on a given file system	bmap(8)	75
Identifies processes using a file or file structure	Identifies processes using a file or file structure	fuser(8)	331
ifconfig(8)	Configures network interface parameters	ifconfig(8)	391
ift(8)	Reads user Factory Flaw table and reports flaws	ift(8)	397
I-list of file system	Lists file names and statistics for a file system	ff(8)	282
Incorrect link counts	Checks file system consistency and interactively repairs it	fsck(8)	288
Incremental dump	Invokes an incremental file system dump	dump(8)	249
Incremental dump	Performs an incremental file system restore	restore(8)	792
inetd(8)	Performs Internet super-server function	inetd(8)	399
inetd.conf (reads)	Performs Internet super-server function	inetd(8)	399
infd(8)	Allows the operator to display informative messages ..	infd(8)	402
infocmp(8)	Compares or displays terminfo(5) descriptions	infocmp(8)	403
infocmp(8)	Converts a termcap description into a terminfo(5) description	captoinfo(8)	83
Informative message	Starts the message daemon	msgdaemon(8)	512
Informative messages	Allows the operator to display informative messages ..	infd(8)	402
Informative messages	Invokes the operator display manager	oper(8)	715
init(8)	Controls process initialization	init(8)	408
init(8)	Terminates all processing	shutdown(8)	904
Initial working directory	Changes the root directory and executes a command ..	chroot(8)	89
Initialize networking software	Starts networking software	netstart(8)	529
Initializes an NIS+ client and server	Initializes an NIS+ client and server	nisinit(8)	609
Initializes an NIS+ domain	Initializes an NIS+ domain	nissetup(8)	632
Initializes and monitors the External Semaphore Device	Initializes and monitors the External Semaphore Device	sfsd(8)	879
Initializes ID mapping domains	Adds host addresses to ID mapping domains	nfsaddhost(8)	542
Initializes networking media	Initializes networking media	nwmstart(8)	678
Initializes raw dump device header	Initializes raw dump device header	mkdmp(8)	474
Initializes the tape subsystem	Initializes the tape subsystem	tpinit(8)	1025

Initializing AIR	Starts the automated incident reporting (AIR) system	start_air(8)	961
Initializing hardware devices	Invokes system initialization shell scripts	brc(8)	77
Initiates, controls, and monitors the down CPU diagnostic tests	Initiates, controls, and monitors the down CPU diagnostic tests	oldmon(8)	693
Initiates the tape subsystem monitor	Initiates the tape subsystem monitor	tpcore(8)	1009
initif(8)	Configures network interfaces	initif(8)	411
Inode table	Examines system core images	crash(8)	111
install(8)	Invokes UNICOS installation and configuration menu system	install(8)	413
Installation	Invokes UNICOS installation and configuration menu system	install(8)	413
Installation of object files	Installs object files in binary directories	cpset(8)	105
Installing UNICOS	Invokes UNICOS installation and configuration menu system	install(8)	413
Installs network information service (NIS) database	Builds and installs the network information service (NIS) database	ypinit(8)	1158
Installs object files in binary directories	Installs object files in binary directories	cpset(8)	105
Installs static routing information	Installs static routing information	staticrts(8)	965
Interactive monitors for the External Semaphore Device	Interactively monitors the logical-layer External Semaphore Device	esdmon(8)	263
Interactive monitors for the physical-layer External Semaphore Device	Interactively monitors the physical-layer External Semaphore Device	smpmon(8)	909
Interactive restoration	Performs an incremental file system restore	restore(8)	792
Interactively monitors the logical-layer External Semaphore Device	Interactively monitors the logical-layer External Semaphore Device	esdmon(8)	263
Interactively monitors the physical-layer External Semaphore Device	Interactively monitors the physical-layer External Semaphore Device	smpmon(8)	909
Interface, diagnostic	Graphical user interface for X Window System based diagnostic applications	xdi(8)	1129
Interfaces with the file system monitor fsdaemon(8)	Interfaces with the file system monitor fsdaemon(8)	fsmon(8)	302
Internet address (sets)	Starts the TCP/IP networking software	tcpstart(8)	980
Internet addresses from hosts(5) files	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
Internet addresses from networks(5) files	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
Internet network number	Performs a HYPERchannel interface test	hit(8)	357
Internet-to-Ethernet address translation tables	Displays address resolution display and control	arp(8)	60

Internetwork forwarding	Sends mail over the Internet	sendmail(8)	861
Interprocess communication	Generates system activity data on a routine basis	sar(8)	843
Interrogates the buffer of TCP trace records	Transliterates protocol trace	trpt(8)	1050
INTR characters	Manages user login accounts	nu(8)	665
intro(8)	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
Invoked by init(8)	Sets up an interactive connection	getty(8)	350
Invokes an incremental file system dump ..	Invokes an incremental file system dump	dump(8)	249
Invokes system initialization shell scripts ..	Invokes system initialization shell scripts	brc(8)	77
Invokes the DARPA TELNET protocol server	Invokes the DARPA TELNET protocol server	telnetd(8)	982
Invokes the diagnostic daemon	Invokes the diagnostic daemon	dgdaemon(8)	223
Invokes the error-logging daemon	Invokes the error-logging daemon	errdemon(8)	257
Invokes the Internet file transfer protocol server	Invokes the Internet file transfer protocol server	ftpd(8)	325
Invokes the login command	Sets up an interactive connection	getty(8)	350
Invokes the operator display manager	Invokes the operator display manager	oper(8)	715
Invokes the remote execution server	Invokes the remote execution server	rexecd(8)	799
Invokes the remote login server	Invokes the remote login server	rlogind(8)	804
Invokes the remote magnetic tape protocol module	Invokes the remote magnetic tape protocol module	rmt(8)	806
Invokes the remote shell server	Invokes the remote shell server	rshd(8)	821
Invokes the terminfo compiler	Invokes the terminfo compiler	tic(8)	987
Invokes UNICOS installation and configuration menu system	Invokes UNICOS installation and configuration menu system	install(8)	413
I/O memory (reports)	Prints a job report from the session record file	csajrep(8)	166
I/O parameters	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
I/O statistics (reports)	Prints a job report from the session record file	csajrep(8)	166
I/O wait memory (reports)	Reports on consolidated accounting data	csacrep(8)	150
I/O wait time (reports)	Prints a job report from the session record file	csajrep(8)	166
I/O wait times (reports)	Reports on consolidated accounting data	csacrep(8)	150
iocb fields (reports)	Reports on consolidated accounting data	csacrep(8)	150
iocstat(8)	Displays information about model E I/O cluster(s) (IOCs) attached to Cray PVP systems and their associated low-speed channel(s)	iocstat(8)	415
IOS buffer memory	Displays operator information about tape devices	tpbmx(8)	994
IOS SYSDUMP area	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
IOS-E	Displays device information	ipi3_stat(8)	423

IOS-E	Utility to loop data to the IOS model E low-speed network driver	npecho(8)	644
IOS-E CSL checking	Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	econfig(8)	256
IP BSO map maintenance	Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	spnet(8)	940
IP multicast routing	Forwards an Internet Protocol (IP) multicast datagram using Truncated Reverse Path Broadcasting (TRPB)	mouted(8)	507
IP multicasting	Obtains routing information from multicast routers and builds a topological map from the information	map_mbone(8)	463
IP multicasting	Obtains routing information from a multicast router	mrimfo(8)	506
ipi3	Displays device information	ipi3_stat(8)	423
ipi3_clear(8)	Clears an IPI-3/IPI packet driver device	ipi3_clear(8)	417
ipi3_config(8)	Configures an IPI-3/IPI channel up or down	ipi3_config(8)	418
IPI-3/HIPPI packet driver	Clears a IPI-3/HIPPI packet driver device	hpi3_clear(8)	364
IPI-3/HIPPI packet driver	Configures a IPI-3/HIPPI channel up or down	hpi3_config(8)	365
IPI-3/HIPPI packet driver	Modifies a IPI-3/HIPPI packet driver option(s)	hpi3_option(8)	366
IPI-3/HIPPI packet driver	Starts the IPI-3/HIPPI packet driver subsystem	hpi3_start(8)	368
IPI-3/HIPPI packet driver	Displays device statistics	hpi3_stat(8)	370
IPI-3/HIPPI packet driver	Stops the IPI-3/HIPPI subsystem	hpi3_stop(8)	374
IPI-3/IPI packet driver	Clears an IPI-3/IPI packet driver device	ipi3_clear(8)	417
IPI-3/IPI packet driver	Configures an IPI-3/IPI channel up or down	ipi3_config(8)	418
IPI-3/IPI packet driver	Modifies a IPI-3/IPI packet driver option(s)	ipi3_option(8)	419
IPI-3/IPI packet driver	Starts the IPI-3/IPI packet driver subsystem or a single IOP	ipi3_start(8)	421
IPI-3/IPI packet driver	Stops the IPI-3/IPI subsystem or a single IOP	ipi3_stop(8)	426
ipi3_option(8)	Modifies a IPI-3/IPI packet driver option(s)	ipi3_option(8)	419
ipi3_start(8)	Starts the IPI-3/IPI packet driver subsystem or a single IOP	ipi3_start(8)	421
ipi3_stat(8)	Displays device information	ipi3_stat(8)	423
ipi3_stop(8)	Stops the IPI-3/IPI subsystem or a single IOP	ipi3_stop(8)	426
ISO trace formatter	Formats trace information obtained from trcollect(8)	trformat(8)	1048
Job CPU time limit (sets)	Generates or maintains the user database	udbgen(8)	1059
Job ID (reports)	Prints a job report from the session record file	csajrep(8)	166
Job memory limit (sets)	Generates or maintains the user database	udbgen(8)	1059
Job MPP barrier limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Job MPP barrier limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Job MPP barrier processing elements limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Job MPP maximum reservation time limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Job MPP maximum reservation time limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Job MPP processing elements limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059

Job process limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Job process limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Job report (prints from session record file)	Prints a job report from the session record file	csajrep(8)	166
Job secondary data segment limit (sets)	Generates or maintains the user database	udbgen(8)	1059
Job tape unit limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Job tape unit limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Job temporary directories (deletes)	Deletes job temporary directories	cleantmp(8)	95
Jobs in spooling queue (rearranges order) ..	Controls the operation of the line printer	lpc(8)	452
Jobs (reports)	Reports on consolidated accounting data	csacrep(8)	150
kcompress(8)	Compresses a UNICOS kernel file	kcompress(8)	428
kerbd(8)	Generates and validates Kerberos tickets for Kerberized NFS	kerbd(8)	430
Kerberos authentication	Provides remote shell server function	kshd(8)	437
Kerberos login	Remote login server	klogind(8)	434
Kerberos server	Remote login server	klogind(8)	434
Kerberos service ticket checking	Validates Kerberos ticket address for Kerberos servers	krbipd(8)	436
Kernel accounting (generates session records)	Generates a session record file	csabuild(8)	142
Kernel (compresses)	Compresses a UNICOS kernel file	kcompress(8)	428
Kernel (decompresses)	Compresses a UNICOS kernel file	kcompress(8)	428
Kernel ID mapping domains (lists)	Lists all kernel ID mapping domains	nfslist(8)	560
Kernel limits structures (cleans up)	Performs system functions for the fair-share scheduler	shrdaemon(8)	885
Kernel memory	Changes the system's notion of physical memory size	chmem(8)	86
Kernel memory information	Reports the amount of kernel memory that NFS ID mapping is using	nfsidmem(8)	558
Kernel memory process table	Searches the process table in kernel memory for a process matching the command-line requirements	airexist(8)	30
Kernel stack trace	Examines system core images	crash(8)	111
Kernel trace buffer	Examines system core images	crash(8)	111
keyenvoy(8)	Serves as intermediary to keyserv(8)	keyenvoy(8)	431
keyserv(8)	Stores public and private encryption keys	keyserv(8)	432
Kill daemon processes	Starts or kills daemon processes	sdaemon(8)	845
killall(8)	Kills all active processes	killall(8)	433
Kills all active processes	Kills all active processes	killall(8)	433
klogind(8)	Remote login server	klogind(8)	434
kl_temp field (fair-share scheduler)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
kl_usage field (fair-share scheduler)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
krbipd(8)	Validates Kerberos ticket address for Kerberos servers	krbipd(8)	436
kshd(8)	Provides remote shell server function	kshd(8)	437
Labeling commands	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755

labelit(8)	Reads or writes file system labels and security labels	labelit(8)	440
Labels a magnetic tape	Labels a magnetic tape	tplabel(8)	1027
Lastlog file	Lists or resets the login failure attempts field in user database (UDB)	c11(8)	97
lastlogin(8)	Records last login of each user	lastlogin(8)	442
ldcache(8)	Assigns and displays logical device cache	ldcache(8)	443
ldsync(8)	Flushes logical device cache to disk	ldsync(8)	447
l_flags for fair-share scheduler (sets) ...	Generates or maintains the user database	udbgen(8)	1059
libcurses	Converts a termcap description into a terminfo(5) description	captoinfo(8)	83
Line printer (enables/disables)	Controls the operation of the line printer	lpc(8)	452
Line printer operation (controls)	Controls the operation of the line printer	lpc(8)	452
Line printer ripple pattern (generates)	Generates line printer ripple pattern	lptest(8)	459
link(2)	Executes link(2) and unlink(2) system calls	link(8)	448
link(8)	Executes link(2) and unlink(2) system calls	link(8)	448
lio fields (reports)	Reports on consolidated accounting data	csacrep(8)	150
List of protocol control block addresses with trace records	Transliterates protocol trace	trpt(8)	1050
Listens at ports and logs debugging information	Listens at ports and logs debugging information	ntalkd(8)	652
listio for I/O (determines)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Lists all kernel ID mapping domains	Lists all kernel ID mapping domains	nfslist(8)	560
Lists file names and statistics for a file system	Lists file names and statistics for a file system	ff(8)	282
Lists files and directories on a logical device	Lists files and directories on a logical device	fsoffload(8)	314
Lists or resets the login failure attempts field in user database (UDB)	Lists or resets the login failure attempts field in user database (UDB)	c11(8)	97
Lists process IDs	Identifies processes using a file or file structure	fuser(8)	331
Lists the contents of an NIS+ directory	Lists the contents of an NIS+ directory	nisls(8)	615
lmdd(8)	Moves I/O for performance and debugging tests	lmdd(8)	449
Lnodes (defunct)	Performs system functions for the fair-share scheduler	shrdaemon(8)	885
Local adapter address	Performs a HYPERchannel interface test	hit(8)	357
Lock daemon	Processes NFS file lock requests	lockd(8)	451
lockd(8)	Processes NFS file lock requests	lockd(8)	451
lockd(8)	Provides the crash and recovery functions for NFS locking services	statd(8)	964
Log file	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Log file	Manages user login accounts	nu(8)	665
Log file management (AIR)	Manages AIR log files	mvfiles(8)	517
Logfile	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Logfile	Manages user login accounts	nu(8)	665

Logging messages	Starts syslogd(8) and renames its log files	newsys(8)	540
Logging security events	Extracts, formats, and outputs UNICOS security event files	reduce(8)	783
Logical device	Lists files and directories on a logical device	fsoffload(8)	314
Logical device cache	Assigns and displays logical device cache	ldcache(8)	443
Logical device caches (flushes data to disk)	Flushes logical device cache to disk	ldsync(8)	447
Logical-to-physical mapping tables (initializes)	Starts the TCP/IP networking software	tcpstart(8)	980
Login attempt failures (sets)	Generates or maintains the user database	udbgen(8)	1059
Login directory	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Login directory	Manages user login accounts	nu(8)	665
Login directory (default)	Generates or maintains the user database	udbgen(8)	1059
Login host name (sets)	Generates or maintains the user database	udbgen(8)	1059
Login service specification	Invokes the remote login server	rlogind(8)	804
Login time (last)	Generates or maintains the user database	udbgen(8)	1059
Login with authentication	Remote login server	klogind(8)	434
login(1)	Sets up an interactive connection	getty(8)	350
Logs all informative and action messages ..	Starts the message daemon	msgdaemon(8)	512
Logs system messages	Logs system messages	syslogd(8)	977
Loopback test to a remote host	Performs a HYPERchannel interface test	hit(8)	357
Loopback tests	Performs a HYPERchannel interface test	hit(8)	357
Loopback to a remote adapter	Performs a HYPERchannel interface test	hit(8)	357
Loopback to the local adapter	Performs a HYPERchannel interface test	hit(8)	357
lpc(8)	Controls the operation of the line printer	lpc(8)	452
lpd(8)	Provides line printer daemon function	lpd(8)	455
lptest(8)	Generates line printer ripple pattern	lptest(8)	459
lrmt(8)	Copies data to rmt(8) command on network	lrmt(8)	460
MAC	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Magnetic tape	Invokes an incremental file system dump	dump(8)	249
Magnetic tape	Performs a file system dump across a TCP/IP network	rdump(8)	781
Magnetic tape files	Restores a file system dump across a TCP/IP network	rrestore(8)	819
mailq(8)	Sends mail over the Internet	sendmail(8)	861
Maintains a cache of location information about NIS+ servers	Maintains a cache of location information about NIS+ servers	nis_cachemgr(8)	586
Maintains a list of active lines	Performs connect-time accounting	acctcon(8)	7
Maintenance memory	Changes the system's notion of physical memory size	chmem(8)	86
Major device	Builds a directory entry and inode for a special file ...	mknod(8)	483
Make fmsg nodes	Make fmsg nodes	mkfm(8)	477
makedbm(8)	Creates a network information service (NIS) dbm file	makedbm(8)	461
Makes a Remote Procedure Call to an RPC server	Reports RPC information	rpcinfo(8)	818

Makes inodes for the ce, ift, and spare sector slices	Makes inodes for the ce, ift, and spare sector slices	mkspice(8)	487
Makes process ineligible to execute	Suspends or resumes a process or group of processes	suspend(8)	968
Management agent	Simple network management protocol agent/server for Cray Research systems	snmpd(8)	917
Manages AIR log files	Manages AIR log files	mvfiles(8)	517
Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	spnet(8)	940
Manages selected autoloader operations	Manages selected autoloader operations	xtpldr(8)	1150
Manages user login accounts	Manages user login accounts	nu(8)	665
Manages user login accounts through a graphical user interface	Manages user login accounts through a graphical user interface	xadmin(8)	1126
Manipulates connect accounting records	Manipulates connect accounting records	fwtmp(8)	333
Manipulates network routing tables manually	Manipulates network routing tables manually	route(8)	808
Manipulating a magnetic tape drive	Invokes the remote magnetic tape protocol module	rmt(8)	806
Map databases for network information service (NIS)	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
Map file	Prints entries from a user ID map file, or a user ID map in the kernel or kernel dump	nfsuid(8)	576
Map (network information service)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172
Map of network information services (copies from master server to slaves)	Forces the propagation of a changed network information services (NIS) map	yppush(8)	1163
Map version (network information service at server host)	Finds network information service (NIS) map version at NIS server host	yppoll(8)	1162
map_mbone(8)	Obtains routing information from multicast routers and builds a topological map from the information	map_mbone(8)	463
Mapping domains (adds host addresses)	Adds host addresses to ID mapping domains	nfsaddhost(8)	542
Mapping domains host addresses (removes ID)	Removes an ID mapping domain host address or a range of host addresses	nfsrmhost(8)	567
Mapping domains (lists)	Lists all kernel ID mapping domains	nfslist(8)	560
Mapping domains (removes)	Removes user and group mapping tables and ID mapping domains from the kernel	nfsclear(8)	551
Mapping tables (removes user and group)	Removes user and group mapping tables and ID mapping domains from the kernel	nfsclear(8)	551
Maps physical and logical devices	Maps physical and logical devices	dmap(8)	242
Maps universal addresses to an RPC program number	Maps universal addresses to an RPC program number	rpcbind(8)	813

Matching processes	Searches the process table in kernel memory for a process matching the command-line requirements	airexist(8)	30
Maximum security level of new file system	Constructs a file system	mkfs(8)	478
Maximum security levels	Reads or writes file system labels and security labels	labelit(8)	440
MaxNameLength	Manages user login accounts through a graphical user interface	xadmin(8)	1126
MaxNameLength	Manages user login accounts	nu(8)	665
mdd	Copies leg of a mirrored disk in IOS model E systems	mddcp(8)	466
mddconf	Copies leg of a mirrored disk in IOS model E systems	mddcp(8)	466
mddconf(8)	Displays or changes a mirrored disk configuration	mddconf(8)	464
mddcp(8)	Copies leg of a mirrored disk in IOS model E systems	mddcp(8)	466
mdd_post(8)	Prepares a mirrored file system for fsck processing, tunes a mirrored file system after fsck processing	mdd_pre(8)	467
mdd_pre(8)	Prepares a mirrored file system for fsck processing, tunes a mirrored file system after fsck processing	mdd_pre(8)	467
mdws	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Measures round-trip delays and packet loss across network paths, using the specified protocol	Measures round-trip delays and packet loss across network paths, using the specified protocol	airping(8)	32
Media selection for data migration	Generates or maintains the user database	udbgen(8)	1059
Memory allocation statistics (displays NFS)	Displays NFS statistics	nfsstat(8)	574
Memory descriptor words	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Memory error correction interface SECDDED hardware	Memory error correction interface SECDDED hardware	secded(8)	859
Memory errors	Memory error correction interface SECDDED hardware	secded(8)	859
Memory headers (SYSDUMP)	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Memory limit for jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
Merges intermediate disk accounting records	Generates disk accounting data by user, account, or group ID	diskusg(8)	234
Merges or adds total accounting files	Merges or adds total accounting files	acctmerg(8)	12
Message	Sends mail over the Internet	sendmail(8)	861
Message daemon	Starts the message daemon	msgdaemon(8)	512
Message daemon	Stops the message daemon	msgdstop(8)	514
Message log file	Saves the latest versions of the message log file	newmsglog(8)	539
Message logging	Starts syslogd(8) and renames its log files	newsys(8)	540
Message number	Invokes the operator display manager	oper(8)	715
Message text	Invokes the operator display manager	oper(8)	715

mfscck(8)	Runs file system checks in parallel	mfscck(8)	469
mfsysdmp(7)	Automatically copies raw core dump files to a regular UNICOS file in a separate file system	coredd(8)	101
Minimum security level of new file system	Constructs a file system	mkfs(8)	478
Minimum security levels	Reads or writes file system labels and security labels	labelit(8)	440
Minor device	Builds a directory entry and inode for a special file	mknod(8)	483
min_rank field	Changes minimum rank field in URM job table entries	usetjob(8)	1099
MINRANK token	Changes minimum rank field in URM job table entries	usetjob(8)	1099
Mirrored device	Displays or changes a mirrored disk configuration	mddconf(8)	464
Mirrored devices	Prepares a mirrored file system for fsck processing, tunes a mirrored file system after fsck processing	mdd_pre(8)	467
Mirrored disk configuration	Displays or changes a mirrored disk configuration	mddconf(8)	464
Mirrored file system	Prepares a mirrored file system for fsck processing, tunes a mirrored file system after fsck processing	mdd_pre(8)	467
Mirroring	Copies leg of a mirrored disk in IOS model E systems	mddcp(8)	466
mkbinhost(8)	Creates a binary network host file	mkbinhost(8)	472
mkdmp(8)	Initializes raw dump device header	mkdmp(8)	474
mkfm(8)	Make fmsg nodes	mkfm(8)	477
mkfs(8)	Constructs a file system	mkfs(8)	478
mknod(8)	Builds a directory entry and inode for a special file	mknod(8)	483
mknod(8)	Mounts and unmounts the file system	mount(8)	495
mkspice(8)	Makes inodes for the ce, ift, and spare sector slices	mkspice(8)	487
MLDs	Converts between wildcard and multilevel directory (MLD) structures	cvtmldir(8)	204
MLDs	Creates a multilevel directory (MLD)	mlmkdir(8)	489
MLDs	Removes a multilevel directory (MLD)	mlrmdir(8)	491
mlmkdir(8)	Creates a multilevel directory (MLD)	mlmkdir(8)	489
mlrmdir(8)	Removes a multilevel directory (MLD)	mlrmdir(8)	491
mmr(8)	Read or write a GigaRing MMR register	mmr(8)	492
/mnt	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/mnt	Manages user login accounts	nu(8)	665
Model E disk drive state	Controls the state of an IOS model E disk drive	pddconf(8)	729
Model E disk drive state	Displays information about the IOS model E	pddstat(8)	733
Model E IOS	Moves a spindle in IOS model E disk configuration ...	cm(8)	99
Model E IOS disk configuration	Moves a spindle in IOS model E disk configuration ...	cm(8)	99
Model E SSD state	Controls the state of a model E SSD drive	ssddconf(8)	959
Model-E validity and syntax checks	Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	econfig(8)	256
Modifies a IPI-3/HIPPI packet driver option(s)	Modifies a IPI-3/HIPPI packet driver option(s)	hpi3_option(8)	366

Modifies a IPI-3/IPI packet driver			
option(s)	Modifies a IPI-3/IPI packet driver option(s)	ip13_option(8)	419
Modifies an existing route	Manipulates network routing tables manually	route(8)	808
Modifies network information service			
password file	Handles password change requests from		
	yppasswd(1)	yppasswdd(8)	1160
Modifies the file privilege sets of a file	Modifies the file privilege sets of a file	setprivs(8)	877
Modifying accounts	Manages user login accounts through a graphical		
	user interface	xadmin(8)	1126
monacct(8)	Creates monthly summary files	monacct(8)	494
Monitor	Initiates the tape subsystem monitor	tpcore(8)	1009
Monitors detailed system fair-share			
scheduling information	Monitors detailed system fair-share scheduling		
	information	shrmon(8)	891
Monitors operation of network time			
protocol (NTP) daemons	Monitors operation of network time protocol (NTP)		
	daemons	ntpd(8)	659
Monitors OSPF gateways	Monitors OSPF gateways	ospf_monitor(8)	717
Monitors security levels on secure			
system	Checks and sets file ownership, access, and security		
	parameters	spfilck(8)	935
Mount request server for NFS	Performs NFS mount request server function	mountd(8)	501
Mount table	Examines system core images	crash(8)	111
Mount table entry	Prints device name	devnm(8)	221
mount(8)	Mounts and unmounts the file system	mount(8)	495
mountd(8)	Performs NFS mount request server function	mountd(8)	501
Mounts and unmounts the file system	Mounts and unmounts the file system	mount(8)	495
Mounts file systems	Invokes system initialization shell scripts	brc(8)	77
Mounts NFS or NFS version 3 file			
systems automatically	Mounts NFS or NFS version 3 file systems		
	automatically	automount(8)	69
MoveFiles	Manages user login accounts through a graphical		
	user interface	xadmin(8)	1126
Moves a directory	Moves a directory	mvdir(8)	515
Moves a spindle in IOS model E disk			
configuration	Moves a spindle in IOS model E disk configuration ..	cm(8)	99
Moves errlog file	Moves the errlog file	mverr(8)	516
Moves I/O for performance and			
debugging tests	Moves I/O for performance and debugging tests	lmdd(8)	449
Moves previous daily reports to			
summary file	Creates a utmp(5) record	acctwtmp(8)	20
Moves the errlog file	Moves the errlog file	mverr(8)	516
MPP barrier limit for batch jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
MPP barrier limit for interactive jobs			
(sets)	Generates or maintains the user database	udbgen(8)	1059
MPP barrier processing elements limit			
for interactive jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
MPP maximum reservation time limit for			
batch jobs (sets)	Generates or maintains the user database	udbgen(8)	1059

MPP maximum reservation time limit for batch processes (sets)	Generates or maintains the user database	udbgen(8)	1059
MPP maximum reservation time limit for interactive jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
MPP maximum reservation time limit for interactive processes (sets)	Generates or maintains the user database	udbgen(8)	1059
MPP multi-PE application file system and disk device test including performance measurement and data comparison	MPP multi-PE application file system and disk device test including performance measurement and data comparison	fsmppptest(8)	307
MPP performance monitoring	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
MPP performance monitoring	Displays massively parallel processing (MPP) system activity	mppview(8)	503
MPP processing elements limit for batch jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
MPP system activity monitoring	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
MPP system activity monitoring	Displays massively parallel processing (MPP) system activity	mppview(8)	503
MPP system performance	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
MPP system performance	Displays massively parallel processing (MPP) system activity	mppview(8)	503
mppview(8)	Displays massively parallel processing (MPP) system activity	mppview(8)	503
mrinfo(8)	Obtains routing information from a multicast router	mrinfo(8)	506
mrouted(8)	Forwards an Internet Protocol (IP) multicast datagram using Truncated Reverse Path Broadcasting (TRPB)	mrouted(8)	507
msgd(8)	Allows operators to display action messages	msgd(8)	511
msgdaemon(8)	Starts the message daemon	msgdaemon(8)	512
msgdstop(8)	Stops the message daemon	msgdstop(8)	514
MTIOCOP ioctl(2)	Invokes the remote magnetic tape protocol module	rmt(8)	806
mtu field	Sets the Internet address to hardware address mapping	hyroute(8)	388
Multilevel directory	Converts between wildcard and multilevel directory (MLD) structures	cvtmldir(8)	204
Multilevel directory	Creates a multilevel directory (MLD)	mlmkdir(8)	489
Multilevel directory	Removes a multilevel directory (MLD)	mlrmdir(8)	491
Multilevel symbolic link	Converts between wildcard and multilevel directory (MLD) structures	cvtmldir(8)	204
Multilevel symbolic link	Creates a multilevel directory (MLD)	mlmkdir(8)	489
Multilevel symbolic link	Removes a multilevel directory (MLD)	mlrmdir(8)	491
Multiple check of file system	Checks file system consistency and interactively repairs it	fsck(8)	288
Multiple IOS environment	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103

Multitasking (CPU breakdown)	Reports on consolidated accounting data	csacrep(8)	150
Multitasking CPU information (reports)	Prints a job report from the session record file	csajrep(8)	166
Multitasking performance	Runs a program in dedicated mode	ded(8)	217
Multiuser state	Puts system in multiuser mode or turns on system accounting	startup(8)	962
mmdir(8)	Moves a directory	mmdir(8)	515
mverr(8)	Moves the errlog file	mverr(8)	516
mvfiles(8)	Manages AIR log files	mvfiles(8)	517
NAL maintenance	Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	spnet(8)	940
Name server for Internet domain	Specifies Internet domain name server	named(8)	518
Named pipes	Builds a directory entry and inode for a special file	mknod(8)	483
named(8)	Specifies Internet domain name server	named(8)	518
named-xfer(8)	Performs a domain system zone transfer	named-xfer(8)	521
nconf(8)	Display information about the IOS model E network driver	nconf(8)	523
netperf(8)	Displays X Window System TCP/IP network and UNICOS NFS statistics	netperf(8)	526
netstart(8)	Starts networking software	netstart(8)	529
nettest(8)	Performs client and server functions for timing data throughput	nettest(8)	530
nettestd(8)	Performs client and server functions for timing data throughput	nettest(8)	530
netvar(8)	Displays and alters network configuration variables	netvar(8)	535
Network address	Configures network interface parameters	ifconfig(8)	391
Network addresses to ID mapping domains (removes)	Removes an ID mapping domain host address or a range of host addresses	nfsrmhost(8)	567
Network communication	Copies data to rmt(8) command on network	lrmt(8)	460
Network daemons (starts)	Starts the TCP/IP networking software	tcpstart(8)	980
Network device running TCP/IP test	Exercises network devices capable of running TCP/IP	vst(8)	1112
Network driver	Display information about the IOS model E network driver	nconf(8)	523
Network driver	Utility to loop data to the IOS model E low-speed network driver	npecho(8)	644
Network driver tables	Display information about the IOS model E network driver	nconf(8)	523
Network hardware	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
Network hosts file (creates binary)	Creates a binary network host file	mkbinhost(8)	472
Network information service database (installs/builds)	Builds and installs the network information service (NIS) database	ypinit(8)	1158
Network information service map (transfers from an NIS server)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172

Network information service map version (finds at NIS server host)	Finds network information service (NIS) map version at NIS server host	yppoll(8)	1162
Network information service (NIS) binder processes	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
Network information service (NIS) map databases examination	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
Network information service (NIS) server processes	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
Network information service password file (modifies)	Handles password change requests from yppasswd(1)	yppasswd(8)	1160
Network information services map (copies from master server to slaves)	Forces the propagation of a changed network information services (NIS) map	yppush(8)	1163
Network interface	Configures network interface parameters	ifconfig(8)	391
Network interfaces (initializes)	Starts the TCP/IP networking software	tcpstart(8)	980
Network maintenance commands	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
Network media initialization	Initializes networking media	nwmstart(8)	678
Network operation commands	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
Network routing tables	Manipulates network routing tables manually	route(8)	808
Network security tables	Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	spnet(8)	940
Network server	Performs RPC-based network user name server function	rusersd(8)	836
Network server	Performs RPC-based network rwall(8) server function	rwall(8)	838
Network services (starts)	Starts the TCP/IP networking software	tcpstart(8)	980
Network software initialization	Starts networking software	netstart(8)	529
Network (starts TCP/IP)	Starts the TCP/IP networking software	tcpstart(8)	980
Network status daemon	Provides the crash and recovery functions for NFS locking services	statd(8)	964
Network Systems Corporation	Performs a HYPERchannel interface test	hit(8)	357
Network Time Protocol	Performs NTP time synchronization daemon function	ntpd(8)	656
Network time synchronization daemon	Performs NTP time synchronization daemon function	ntpd(8)	656
networks(5) files (Internet addresses)	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
New accounts	Manages user login accounts through a graphical user interface	xadmin(8)	1126
New accounts	Manages user login accounts	nu(8)	665

New root path name	Changes the root directory and executes a command ..	chroot(8)	89
newaliases(8)	Sends mail over the Internet	sendmail(8)	861
newkey(8)	Creates a new key in the publickey database	newkey(8)	538
newmsglog(8)	Saves the latest versions of the message log file	newmsglog(8)	539
newsys(8)	Starts syslogd(8) and renames its log files	newsys(8)	540
NFS debugging tool	Checks consistency of NFS ID mapping hash tables in a kernel or a kernel dump	nfsckhash(8)	549
NFS file system mounting	Mounts NFS or NFS version 3 file systems automatically	automount(8)	69
NFS ID mapping	Adds entry from user ID map file to kernel user ID map	nfsadduser(8)	547
NFS ID maps (defines)	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
NFS statistics	Displays NFS statistics	nfsstat(8)	574
NFS statistics (displays)	Displays X Window System TCP/IP network and UNICOS NFS statistics	netperf(8)	526
NFS trace formatter	Formats trace information obtained from trcollect(8)	trformat(8)	1048
nfsaddhost(8)	Adds host addresses to ID mapping domains	nfsaddhost(8)	542
nfsaddmap(8)	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
nfsadduser(8)	Adds entry from user ID map file to kernel user ID map	nfsadduser(8)	547
nfsckhash(8)	Checks consistency of NFS ID mapping hash tables in a kernel or a kernel dump	nfsckhash(8)	549
nfsclear(8)	Removes user and group mapping tables and ID mapping domains from the kernel	nfsclear(8)	551
nfsd(8)	Starts NFS daemons and services requests	nfsd(8)	553
nfsgid(8)	Prints a group ID map entry	nfsgid(8)	555
nfsidmap(8)	Reports or changes the state of NFS ID mapping in the kernel	nfsidmap(8)	557
nfsidmem(8)	Reports the amount of kernel memory that NFS ID mapping is using	nfsidmem(8)	558
nfslist(8)	Lists all kernel ID mapping domains	nfslist(8)	560
nfsmerge(8)	Creates a user or group mapping between the local Cray Research administrative environment and a remote administrative environment	nfsmerge(8)	563
nfsrmhost(8)	Removes an ID mapping domain host address or a range of host addresses	nfsrmhost(8)	567
nfsrmmmap(8)	Removes a previously defined user and/or group ID map	nfsrmmmap(8)	569
nfsrmuser(8)	Removes a user ID map entry from a kernel ID map ..	nfsrmuser(8)	571
nfsstart(8)	Starts the network file system (NFS)	nfsstart(8)	573
nfsstat(8)	Displays NFS statistics	nfsstat(8)	574
nfsuid(8)	Prints entries from a user ID map file, or a user ID map in the kernel or kernel dump	nfsuid(8)	576
NIC format host tables (gets from host)	Gets NIC format host tables from a host	gettable(8)	349
NIC standard format host tables (converts)	Converts NIC standard format host tables	htable(8)	386

<i>nice</i> bias (sets)	Generates or maintains the user database	udbgen(8)	1059
<i>nice</i> value	Sets memory scheduling parameters	nschedv(8)	646
NIS binder processes	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
NIS database (installs/builds)	Builds and installs the network information service (NIS) database	ypinit(8)	1158
NIS database on slave server (sets up)	Builds and installs the network information service (NIS) database	ypinit(8)	1158
NIS dbm file (creates)	Creates a network information service (NIS) dbm file	makedbm(8)	461
NIS map databases examination	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
NIS map version (finds at NIS server host)	Finds network information service (NIS) map version at NIS server host	yppoll(8)	1162
NIS password file (modifies)	Handles password change requests from yppasswd(1)	yppasswdd(8)	1160
NIS server processes	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
NIS server (transfers network information service map)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172
NIS+ service daemons	NIS+ service daemons	nisd(8)	600
NIS services (ypbind)	Points ypbind at a particular server	ypset(8)	1168
nisaddcred(8)	Creates NIS+ credentials	nisaddcred(8)	578
nisaddent(8)	Creates NIS+ tables from their corresponding /etc files and NIS maps	nisaddent(8)	582
nis_cachemgr(8)	Maintains a cache of location information about NIS+ servers	nis_cachemgr(8)	586
niscat(8)	Displays NIS+ tables and objects	niscat(8)	588
nischgrp(8)	Changes the group owner of an NIS+ object	nischgrp(8)	590
nischmod(8)	Changes access rights on an NIS+ object	nischmod(8)	592
nischown(8)	Changes the owner of an NIS+ object	nischown(8)	594
nischttl(8)	Changes the time-to-live value of an NIS+ object	nischttl(8)	596
nisctl(8)	Controls the operation of NIS+ servers	nisctl(8)	598
nisd(8)	NIS+ service daemons	nisd(8)	600
nisdefaults(8)	Displays NIS+ default values	nisdefaults(8)	603
niserror(8)	Displays NIS+ error messages	niserror(8)	605
nisgrep(8)	Searches NIS+ tables	nismatch(8)	617
nisgrpadm(8)	Administers NIS+ groups	nisgrpadm(8)	606
nisinit(8)	Initializes an NIS+ client and server	nisinit(8)	609
nisln(8)	Symbolically links NIS+ objects	nisln(8)	612
nislog(8)	Displays the contents of the NIS+ transaction log	nislog(8)	614
nisls(8)	Lists the contents of an NIS+ directory	nisls(8)	615
nismatch(8)	Searches NIS+ tables	nismatch(8)	617
nismkdir(8)	Creates NIS+ subdirectories	nismkdir(8)	619
nispasswd(8)	Changes NIS+ password information	nispasswd(8)	621
nispath(8)	Prints the search path of a specified NIS+ name	nispath(8)	625
nisping(8)	Sends a ping to NIS+ servers	nisping(8)	626

nisrm(8)	Removes NIS+ objects from the namespace	nisrm(8)	628
nisrmdir(8)	Removes NIS+ directories	nisrmdir(8)	630
nissetup(8)	Initializes an NIS+ domain	nissetup(8)	632
nisshowcache(8)	Prints the contents of the shared cache file	nisshowcache(8)	633
nisstat(8)	Reports NIS+ server statistics	nisstat(8)	634
nistbladm(8)	Administers NIS+ tables	nistbladm(8)	636
nistest(8)	Returns the state of the NIS+ namespace	nistest(8)	640
nisupdkeys(8)	Updates the public keys in an NIS+ directory object ..	nisupdkeys(8)	642
nobatch (user permission bits)	Generates or maintains the user database	udbgen(8)	1059
noinactive (user permission bits)	Generates or maintains the user database	udbgen(8)	1059
Non-display commands	Invokes the operator display manager	oper(8)	715
Nonprime-time-only (offshift) command summary	Summarizes command usage from per-process accounting records	acctcms(8)	5
Nonprivileged port numbers	Invokes the Internet file transfer protocol server	ftpd(8)	325
Non-zero logical paths (configures into auto header mode)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
npecho(8)	Utility to loop data to the IOS model E low-speed network driver	npecho(8)	644
NQS accounting files (preprocesses)	Preprocesses the NQS accounting files	csanqs(8)	177
NQS accounting (generates session records)	Generates a session record file	csabuild(8)	142
NQS priority value	Changes minimum rank field in URM job table entries	usetjob(8)	1099
NQS starting times (prints)	Prints a job report from the session record file	csajrep(8)	166
nqsresp(8)	Attempts to open the named pipe that nqsdaemon is reading	nqsresp(8)	645
NSC HYPERchannel addresses	Performs a HYPERchannel interface test	hit(8)	357
NSC HYPERchannel network adapter	Performs a HYPERchannel interface test	hit(8)	357
nschedv(8)	Sets memory scheduling parameters	nschedv(8)	646
ntalkd(8)	Listens at ports and logs debugging information	ntalkd(8)	652
ntp(8)	Queries a network time protocol (NTP) clock	ntp(8)	653
ntpd(8)	Performs NTP time synchronization daemon function	ntpd(8)	656
ntpdc(8)	Monitors operation of network time protocol (NTP) daemons	ntpdc(8)	659
ntpstart(8)	Starts the network time protocol (NTP) daemon	ntpstart(8)	662
ntptime(8)	Displays offset between local time and real time	ntptime(8)	663
nu(8)	Manages user login accounts	nu(8)	665
nulladm(8)	Creates an empty file owned by adm	nulladm(8)	677
nwmstart(8)	Initializes networking media	nwmstart(8)	678
Object file installation	Installs object files in binary directories	cpset(8)	105
Obtains network information center standard host tables	Gets NIC format host tables from a host	gettable(8)	349
Obtains routing information from a multicast router	Obtains routing information from a multicast router	mrinfo(8)	506

Obtains routing information from multicast routers and builds a topological map from the information	Obtains routing information from multicast routers and builds a topological map from the information	map_mbone(8)	463
olcfpt(8)	Online diagnostic CPU confidence tests	olcfpt(8)	680
olcm(8)	Online diagnostic CPU confidence tests	olcfpt(8)	680
olcrit(8)	Online diagnostic CPU confidence tests	olcfpt(8)	680
olcsvc(8)	Online diagnostic CPU confidence tests	olcfpt(8)	680
oldmon(8)	Initiates, controls, and monitors the down CPU diagnostic tests	oldmon(8)	693
oldt(8)	Provides online confidence testing of Cray Research disk drives	oldt(8)	696
olhpa(8)	Formats UNICOS hardware errors logged by errdemon(8)	olhpa(8)	700
olibuf(8)	Online diagnostic CPU confidence tests	olcfpt(8)	680
olnet(8)	Detects and isolates problems in networks associated with Cray Research systems	olnet(8)	703
olsbt(8)	Online diagnostic CPU confidence tests	olcfpt(8)	680
Online diagnostic CPU confidence tests	Online diagnostic CPU confidence tests	olcfpt(8)	680
Online I/O diagnostic client	Online I/O diagnostic client	diagccmt(8)	226
Online tape accounting (generates session records)	Generates a session record file	csabuild(8)	142
Online tape devices (prevents simultaneous use of)	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
Open Network Computing plus (ONC+) ...	Maps universal addresses to an RPC program number	rpcbind(8)	813
Open Network Computing plus (ONC+) ...	Starts rpcbind(8) or portmap(8)	rpcbstart(8)	817
oper(8)	Invokes the operator display manager	oper(8)	715
Operating system core image	Examines system core images	crash(8)	111
Operation of line printer (controls)	Controls the operation of the line printer	lpc(8)	452
Operational user interface for gated(8) ..	Operational user interface for gated(8)	gdc(8)	338
Operator display (action messages)	Allows operators to display action messages	msgd(8)	511
Operator replies	Starts the message daemon	msgdaemon(8)	512
Operator response to action messages	Allows the operator to respond to action messages	rep(8)	791
Operator tape information	Displays operator information about tape devices	tpbm(8)	994
ospf_monitor(8)	Monitors OSPF gateways	ospf_monitor(8)	717
Overcommitted mount requests	Sets features for the tape daemon	tpset(8)	1036
Overview of accounting shell scripts	Overview of accounting shell scripts	acctsh(8)	18
Overview of Cray Research system accounting	Overview of Cray Research system accounting	csa(8)	137
Overview of standard UNIX System V accounting commands	Overview of standard UNIX System V accounting commands	acct(8)	3
pac(8)	Collects and displays printer/plotter accounting information	pac(8)	720
pacct file conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
Packet queues	Examines system core images	crash(8)	111

.pag file (creates)	Creates a network information service (NIS) dbm file	makedbm(8)	461
PALs	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
panic(8)	Sets or clears the system user panic flag	panic(8)	721
Paper consumed (printer/plotter)	Collects and displays printer/plotter accounting information	pac(8)	720
Passive mode	Performs a HYPERchannel interface test	hit(8)	357
Password aging (sets)	Generates or maintains the user database	udbgen(8)	1059
Password file (network information service)	Handles password change requests from yppasswd(1)	yppasswd(8)	1160
pcache	Runtime initialization of pcache	pcinit(8)	725
pcache initialization	Runtime initialization of pcache	pcinit(8)	725
pcache(8)	Controls device cache allocation, deallocation and attributes	pcache(8)	722
pcinit(8)	Runtime initialization of pcache	pcinit(8)	725
pcnfsd(8)	Starts NFS daemons and services requests	nfsd(8)	553
pcstat(8)	Displays device cache statistics	pcstat(8)	726
pcsync(8)	Syncs device cache and sets cache sync interval	pcsync(8)	728
pdactive file (progress recorded)	Runs periodic accounting	csaperiod(8)	180
pddconf(8)	Controls the state of an IOS model E disk drive	pddconf(8)	729
pddstat(8)	Displays information about the IOS model E	pddstat(8)	733
pddtest(8)	Physical disk device test	pddtest(8)	743
Perform disk accounting functions	Creates a utmp(5) record	acctwtmp(8)	20
Perform system checks	Invokes system initialization shell scripts	brc(8)	77
Performance monitoring	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
Performance monitoring	Displays graphic data about system activity	xsam(8)	1148
Performance monitoring	Displays system activity data on a dumb terminal	csam(8)	172
Performance monitoring	Runs a program in dedicated mode	ded(8)	217
Performance monitoring	Displays massively parallel processing (MPP) system activity	mppview(8)	503
Performance monitoring	Displays data about system activity	sam(8)	839
Performance monitoring	System activity data daemon	samdaemon(8)	840
Performs a domain system zone transfer ...	Performs a domain system zone transfer	named-xfer(8)	521
Performs a file system dump across a TCP/IP network	Performs a file system dump across a TCP/IP network	rdump(8)	781
Performs a HYPERchannel interface test ...	Performs a HYPERchannel interface test	hit(8)	357
Performs an incremental file system restore	Performs an incremental file system restore	restore(8)	792
Performs automatic test sequencing	Performs automatic test sequencing	runsequence(8)	829
Performs client and server functions for timing data throughput	Performs client and server functions for timing data throughput	nettest(8)	530
Performs connect-time accounting	Performs connect-time accounting	acctcon(8)	7
Performs disk accounting	Performs disk accounting	dodisk(8)	247

Performs extensive check of directory data	Checks file system consistency and interactively repairs it	<code>fsck(8)</code>	288
Performs Internet super-server function	Performs Internet super-server function	<code>inetd(8)</code>	399
Performs kernel statistics server function	Performs kernel statistics server function	<code>rstatd(8)</code>	824
Performs NFS mount request server function	Performs NFS mount request server function	<code>mountd(8)</code>	501
Performs NTP time synchronization daemon function	Performs NTP time synchronization daemon function	<code>ntpd(8)</code>	656
Performs route tracing with the Simple Network Management Protocol	Performs route tracing with the Simple Network Management Protocol	<code>snmproute(8)</code>	921
Performs routing protocols	Performs routing protocols	<code>gated(8)</code>	335
Performs RPC-based network <code>rwall(8)</code> server function	Performs RPC-based network <code>rwall(8)</code> server function	<code>rwalld(8)</code>	838
Performs RPC-based network user name server function	Performs RPC-based network user name server function	<code>rusersd(8)</code>	836
Performs RPC-based spray server function	Performs RPC-based spray server function	<code>sprayd(8)</code>	954
Performs security checks on a UNICOS system	Performs security checks on a UNICOS system	<code>spcheck(8)</code>	929
Performs system functions for the fair-share scheduler	Performs system functions for the fair-share scheduler	<code>shrdaemon(8)</code>	885
Periodic accounting (runs)	Runs periodic accounting	<code>csaperiod(8)</code>	180
permanent flaw information	Reads user Factory Flaw table and reports flaws	<code>ift(8)</code>	397
Permbits	Generates or maintains the user database	<code>udbgen(8)</code>	1059
Permission bits for user (sets)	Generates or maintains the user database	<code>udbgen(8)</code>	1059
Permissions for accounting files	Changes group ID and permissions of accounting files	<code>csaperm(8)</code>	182
Per-process file allocation limit for batch (sets)	Generates or maintains the user database	<code>udbgen(8)</code>	1059
Per-process file allocation limit for interactive (sets)	Generates or maintains the user database	<code>udbgen(8)</code>	1059
Per-process MPP maximum reservation time limit for batch (sets)	Generates or maintains the user database	<code>udbgen(8)</code>	1059
Per-process MPP maximum reservation time limit for interactive (sets)	Generates or maintains the user database	<code>udbgen(8)</code>	1059
Physical and logical devices	Maps physical and logical devices	<code>dmap(8)</code>	242
Physical disk device test	Physical disk device test	<code>pddtest(8)</code>	743
physical location of flaws	Reads user Factory Flaw table and reports flaws	<code>ift(8)</code>	397
Physical memory size (changes system's notion/displays)	Changes the system's notion of physical memory size	<code>chmem(8)</code>	86
Physical system teletype	Controls process initialization	<code>init(8)</code>	408

ping(8)	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
Plotter accounting information (collects/displays)	Collects and displays printer/plotter accounting information	pac(8)	720
POC (resource allocation)	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Points ypbind at a particular server	Points ypbind at a particular server	ypset(8)	1168
Port bit map	Creates a bit map of well-known reserved ports	rsvportbm(8)	825
Port number	Performs a HYPERchannel interface test	hit(8)	357
Port number	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
Port number	Invokes the remote execution server	rexecd(8)	799
portmap(8)	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
prctmp(8)	Prints login session file	prctmp(8)	753
prdaily(8)	Prints daily accounting report	prdaily(8)	754
Preformatted messages	Sends mail over the Internet	sendmail(8)	861
Prepares a mirrored file system for fsck processing, tunes a mirrored file system after fsck processing	Prepares a mirrored file system for fsck processing, tunes a mirrored file system after fsck processing	mdd_pre(8)	467
Prepares summary files for billing purposes	Runs daily accounting	runacct(8)	826
Prepares summary files for prdaily	Runs daily accounting	runacct(8)	826
Pre-process CPU limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Pre-process CPU limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Preprocesses connect-time sessions	Preprocesses connect-time sessions	csaline(8)	170
Preprocesses the NQS accounting files	Preprocesses the NQS accounting files	csanqs(8)	177
Preprocessing (connect time)	Preprocesses connect-time sessions	csaline(8)	170
Prevents simultaneous use of HSX channels	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
Prevents simultaneous use of online tape devices	Configures HIPPI and HSX channel interfaces	hsxconfig(8)	384
Prime/Non-Prime data (reports)	Reports on consolidated accounting data	csacrep(8)	150
Prime-time-only command summary	Summarizes command usage from per-process accounting records	acctcms(8)	5
Print a report of exceptional usage	Creates a utmp(5) record	acctwtmp(8)	20
Print the current daily accounting reports ..	Creates a utmp(5) record	acctwtmp(8)	20
Print the previous days' accounting reports	Creates a utmp(5) record	acctwtmp(8)	20
Print the session record file	Creates a utmp(5) record	acctwtmp(8)	20
Printer accounting information (collects/displays)	Collects and displays printer/plotter accounting information	pac(8)	720
Printer daemon status (finds)	Controls the operation of the line printer	lpc(8)	452
Printer spooling queue (enables/disables) ...	Controls the operation of the line printer	lpc(8)	452

Printer status (finds)	Controls the operation of the line printer	lpc(8)	452
Printers in <code>printcap(5)</code> (checks)	Provides line printer daemon function	lpd(8)	455
Printing AIR configuration files	Prints and validates an AIR configuration file	airckconf(8)	21
Prints a group ID map entry	Prints a group ID map entry	nfsgid(8)	555
Prints a job report from the session record file	Prints a job report from the session record file	csajrep(8)	166
Prints administrative information for designated users	Prints administrative information for designated users	udbpl(8)	1082
Prints AIR configuration file contents from configuration headers in the <code>aird(8)</code> binary log file	Prints AIR configuration file contents from configuration headers in the <code>aird(8)</code> binary log file ...	airprconf(8)	33
Prints AIR log file	Generates detailed AIR reports based on <code>aird(8)</code> binary log file	airdet(8)	25
Prints all the trace records	Transliterates protocol trace	trpt(8)	1050
Prints and validates an AIR configuration file	Prints and validates an AIR configuration file	airckconf(8)	21
Prints current label values	Reads or writes file system labels and security labels	labelit(8)	440
Prints daily accounting report	Prints daily accounting report	prdaily(8)	754
Prints device name	Prints device name	devnm(8)	221
Prints entries from a user ID map file, or a user ID map in the kernel or kernel dump	Prints entries from a user ID map file, or a user ID map in the kernel or kernel dump	nfsuid(8)	576
Prints login session file	Prints login session file	prctmp(8)	753
Prints packet sequencing information	Transliterates protocol trace	trpt(8)	1050
Prints print files left after a crash	Provides line printer daemon function	lpd(8)	455
Prints source and destination addresses for each packet	Transliterates protocol trace	trpt(8)	1050
Prints the contents of the shared cache file	Prints the contents of the shared cache file	nisshowcache(8)	633
Prints the login message field	Sets up an interactive connection	getty(8)	350
Prints the route that packets take to network host	Prints the route that packets take to network host	traceroute(8)	1040
Prints the search path of a specified NIS+ name	Prints the search path of a specified NIS+ name	nispath(8)	625
Prints total accounting file	Prints total accounting file	prtacct(8)	764
Prints values for all timers	Transliterates protocol trace	trpt(8)	1050
<code>privcmd(8)</code>	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Privilege	Gets the privilege assignment list (PAL) category entries of a file	getpal(8)	343
Privilege	Gets the privilege sets of a file	getprivs(8)	346
Privilege	Sets privilege assignment list (PAL) category entries of a file	setpal(8)	874
Privilege	Modifies the file privilege sets of a file	setprivs(8)	877

Privilege state	Gets the privilege assignment list (PAL) category entries of a file	getpal(8)	343
Privilege state	Gets the privilege sets of a file	getprivs(8)	346
Privilege state	Sets privilege assignment list (PAL) category entries of a file	setpal(8)	874
Privilege state	Modifies the file privilege sets of a file	setprivs(8)	877
Privileged port numbers	Invokes the Internet file transfer protocol server	ftpd(8)	325
Privileges	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Probes the portmapper	Reports RPC information	rpcinfo(8)	818
Proc table entry	Examines system core images	crash(8)	111
Process accounting	Checks the status of, enables, and disables process, daemon, and record accounting	csaswitch(8)	197
Process accounting files (processes)	Processes the daily accounting files and generates reports	csarun(8)	185
Process limit for batch jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
Process limit for interactive jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
Process secondary data segment limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Process secondary data segment limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Process table	Examines system core images	crash(8)	111
Processes accounting	Processes accounting	acctprc(8)	16
Processes connect accounting files	Runs daily accounting	runacct(8)	826
Processes disk accounting files	Runs daily accounting	runacct(8)	826
Processes errors report generated by errdemon(8)	Processes errors report generated by errdemon(8) ...	errrpt(8)	259
Processes fee accounting files	Runs daily accounting	runacct(8)	826
Processes NFS file lock requests	Processes NFS file lock requests	lockd(8)	451
Processes one or more IOS SYSDUMP areas	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
Processes process accounting files	Runs daily accounting	runacct(8)	826
Processes (reports)	Reports on consolidated accounting data	csacrep(8)	150
Processes socket accounting data	Processes socket accounting data	csasocket(8)	189
Processes the daily accounting files and generates reports	Processes the daily accounting files and generates reports	csarun(8)	185
Produces AIR activity reports	Produces AIR activity reports	airrep(8)	38
Produces connect session records ctmp.h format	Runs daily accounting	runacct(8)	826
Produces summarized session records	Produces summarized session records	csafef2(8)	156
Product availability report	Generates availability summary reports based on aird(8) binary log file	airsum(8)	39
Product test time	Generates detailed AIR reports based on aird(8) binary log file	airtsum(8)	49
Provides initial labels for unmounted file systems	Reads or writes file system labels and security labels	labelit(8)	440
Provides line printer daemon function	Provides line printer daemon function	lpd(8)	455

Provides network information service (NIS) server and binder processes	Provides network information service (NIS) server and binder processes	<code>ypserv(8)</code>	1165
Provides offloading of a single spindle of a DD-4x disk drive for Cray PVP systems	Provides offloading of a single spindle of a DD-4x disk drive for Cray PVP systems	<code>ddoffload(8)</code>	213
Provides online confidence testing of Cray Research disk drives	Provides online confidence testing of Cray Research disk drives	<code>oldt(8)</code>	696
Provides online disk maintenance and initialization routines for Cray GigaRing attached SCSI and fibre channel devices, which are driven by the <code>xdd</code> driver	Provides online disk maintenance and initialization routines for Cray GigaRing attached SCSI and fibre channel devices, which are driven by the <code>xdd</code> driver ..	<code>xdms(8)</code>	1134
Provides online disk maintenance capabilities for Cray PVP systems with an IOS model E	Provides online disk maintenance capabilities for Cray PVP systems with an IOS model E	<code>ddms(8)</code>	206
Provides online testing of magnetic tapes ..	Provides online testing of magnetic tapes	<code>unitap(8)</code>	1087
Provides remote shell server function	Provides remote shell server function	<code>kshd(8)</code>	437
Provides security levels for unmounted file systems	Reads or writes file system labels and security labels	<code>labelit(8)</code>	440
Provides tape device testing	Provides tape device testing	<code>vtt(8)</code>	1118
Provides the crash and recovery functions for NFS locking services	Provides the crash and recovery functions for NFS locking services	<code>statd(8)</code>	964
<code>prtacct(8)</code>	Prints total accounting file	<code>prtacct(8)</code>	764
Pseudo terminal	Invokes the remote login server	<code>rlogind(8)</code>	804
Pseudo-terminal device	Invokes the DARPA TELNET protocol server	<code>telnetd(8)</code>	982
Pseudo-variable	Manages user login accounts	<code>nu(8)</code>	665
<code>pty(4)</code>	Invokes the remote login server	<code>rlogind(8)</code>	804
Puts system in multiuser mode or turns on system accounting	Puts system in multiuser mode or turns on system accounting	<code>startup(8)</code>	962
<code>pwck(8)</code>	Checks password and group files for consistency	<code>pwck(8)</code>	765
<code>quadmin(8)</code>	Administers file quotas	<code>quadmin(8)</code>	767
<code>qudu(8)</code>	Reports file system quota usage information	<code>qudu(8)</code>	778
Queries a network time protocol (NTP) clock	Queries a network time protocol (NTP) clock	<code>ntp(8)</code>	653
Queries domain name servers by using resolver library calls	Queries domain name servers by using resolver library calls	<code>dnsquery(8)</code>	244
Queries routing information protocol (RIP) gateways	Queries routing information protocol (RIP) gateways ..	<code>ripquery(8)</code>	802
Queue activity	Generates system activity data on a routine basis	<code>sar(8)</code>	843
Queue type for NQS jobs (reports)	Prints a job report from the session record file	<code>csajrep(8)</code>	166

Queue wait time for NQS jobs (reports) ...	Prints a job report from the session record file	csajrep(8)	166
rc(8)	Invokes system initialization shell scripts	brc(8)	77
rcmd(3C)	Invokes the remote magnetic tape protocol module	rmt(8)	806
rc.mid(8)	Invokes system initialization shell scripts	brc(8)	77
rc.pre(8)	Invokes system initialization shell scripts	brc(8)	77
rc.pst(8)	Invokes system initialization shell scripts	brc(8)	77
rdump	Copies data to rmt(8) command on network	lrmt(8)	460
rdump(8)	Performs a file system dump across a TCP/IP network	rdump(8)	781
rdump(8)	Invokes the remote magnetic tape protocol module	rmt(8)	806
Read or write a GigaRing MMR register ...	Read or write a GigaRing MMR register	mmr(8)	492
Read-only system checks	Runs file system checks in parallel	mfscck(8)	469
Reads i-list and directories	Lists file names and statistics for a file system	ff(8)	282
Reads input in the form described by			
acct(5)	Processes accounting	acctprc(8)	16
Reads logical disk	Generates disk accounting data by user, account, or group ID	diskusg(8)	234
Reads or generates and writes a physical disk spare map	Reads or generates and writes a physical disk spare map	spmmap(8)	938
Reads or writes file system labels and security labels	Reads or writes file system labels and security labels	labelit(8)	440
Reads records in the form written by			
acctprcl	Processes accounting	acctprc(8)	16
Reads standard input in the tacct format	Merges or adds total accounting files	acctmerg(8)	12
Reads standard input until end-of-file	Writes to all users	wall(8)	1124
Reads the special file /dev/error	Invokes the error-logging daemon	errdemon(8)	257
Reads the user's login name	Sets up an interactive connection	getty(8)	350
Reads user Factory Flaw table and reports flaws	Reads user Factory Flaw table and reports flaws	ift(8)	397
realtime (user permission bits)	Generates or maintains the user database	udbgen(8)	1059
Rearranges order of jobs in spooling			
queue	Controls the operation of the line printer	lpc(8)	452
Reboot	Invokes system initialization shell scripts	brc(8)	77
Receives requests to print files in queue ...	Provides line printer daemon function	lpd(8)	455
Reconnecting unreferenced files and directories	Checks file system consistency and interactively repairs it	fsck(8)	288
Reconstructs the free list	Checks file system consistency and interactively repairs it	fsck(8)	288
Record accounting	Checks the status of, enables, and disables process, daemon, and record accounting	csaswitch(8)	197
Recording spray packets	Performs RPC-based spray server function	sprayd(8)	954
Records last login of each user	Records last login of each user	lastlogin(8)	442
Records system boot times for the accounting subsystem	Records system boot times for the accounting subsystem	csaboosts(8)	141

Recycles unfinished sessions into next accounting run	Recycles unfinished sessions into next accounting run	csarecy(8)	183
Redirection	Examines system core images	crash(8)	111
Redistributes shares among a resource group for the fair-share scheduler	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Redraws screen	Invokes the operator display manager	oper(8)	715
reduce(8)	Extracts, formats, and outputs UNICOS security event files	reduce(8)	783
Refresh displays	Invokes the operator display manager	oper(8)	715
Refresh rate	Invokes the operator display manager	oper(8)	715
Register	Examines system core images	crash(8)	111
regpar(8)	Generates register parity errors	regpar(8)	789
Relative bad block file	Creates relative bad block file from ASCII flaw table files	bb(8)	72
Remote dump	Performs a file system dump across a TCP/IP network	rdump(8)	781
Remote dump and restore programs	Invokes the remote magnetic tape protocol module	rmt(8)	806
Remote execution	Provides remote shell server function	kshd(8)	437
Remote execution facilities	Invokes the remote execution server	rexecd(8)	799
Remote execution facilities	Invokes the remote shell server	rshd(8)	821
Remote file access	Invokes the remote magnetic tape protocol module	rmt(8)	806
Remote host loopback	Performs a HYPERchannel interface test	hit(8)	357
Remote login facility	Invokes the remote login server	rlogind(8)	804
Remote login server	Remote login server	klogind(8)	434
Remote Procedure Call RPC program numbers	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
Remote Procedure Call server	Performs NFS mount request server function	mountd(8)	501
Remote server	Performs a file system dump across a TCP/IP network	rdump(8)	781
Remote server	Restores a file system dump across a TCP/IP network	rrestore(8)	819
Remote server program for talk(1B)	Listens at ports and logs debugging information	ntalkd(8)	652
Removable file system is present	Mounts and unmounts the file system	mount(8)	495
remove(8)	Removes temporary accounting files	remove(8)	790
Removes a multilevel directory (MLD)	Removes a multilevel directory (MLD)	mlrmdir(8)	491
Removes a previously defined user and/or group ID map	Removes a previously defined user and/or group ID map	nfsrmmmap(8)	569
Removes a user ID map entry from a kernel ID map	Removes a user ID map entry from a kernel ID map	nfsrmuser(8)	571
Removes an ID mapping domain host address or a range of host addresses	Removes an ID mapping domain host address or a range of host addresses	nfsrmhost(8)	567
Removes jobs from print queue	Provides line printer daemon function	lpd(8)	455
Removes NIS+ directories	Removes NIS+ directories	nisrmdir(8)	630

Removes NIS+ objects from the namespace	Removes NIS+ objects from the namespace	nism(8)	628
Removes temporary accounting files	Removes temporary accounting files	remove(8)	790
Removes unreferenced fifos	Checks file system consistency and interactively repairs it	fsck(8)	288
Removes user and group mapping tables and ID mapping domains from the kernel	Removes user and group mapping tables and ID mapping domains from the kernel	nfsclear(8)	551
Removes /usr/adm/acct/mtc/lock	Creates a utmp(5) record	acctwtmp(8)	20
Removes /usr/adm/acct/sum/pacct	Creates a utmp(5) record	acctwtmp(8)	20
Removes /usr/adm/acct/sum/wtmpt	Creates a utmp(5) record	acctwtmp(8)	20
rep(8)	Allows the operator to respond to action messages	rep(8)	791
Report about accounts or jobs (prints)	Prints a job report from the session record file	csajrep(8)	166
Reporting security event data	Extracts, formats, and outputs UNICOS security event files	reduce(8)	783
Reports (AIR)	Produces AIR activity reports	airrep(8)	38
Reports daemon usage	Reports daemon usage	csadrep(8)	152
Reports file system quota usage information	Reports file system quota usage information	qudu(8)	778
Reports hardware performance statistics for entire machine workload	Reports hardware performance statistics for entire machine workload	hpmall(8)	375
Reports hardware performance statistics gathered for user processes	Reports hardware performance statistics gathered for user processes	hpmflop(8)	378
Reports NIS+ server statistics	Reports NIS+ server statistics	nisstat(8)	634
Reports on consolidated accounting data	Reports on consolidated accounting data	csacrep(8)	150
Reports or changes the state of NFS ID mapping in the kernel	Reports or changes the state of NFS ID mapping in the kernel	nfsidmap(8)	557
Reports RPC information	Reports RPC information	rpcinfo(8)	818
Reports the amount of kernel memory that NFS ID mapping is using	Reports the amount of kernel memory that NFS ID mapping is using	nfsidmem(8)	558
Request authentication	Simple network management protocol agent/server for Cray Research systems	snmpd(8)	917
Reservations	Forcibly releases tape reservation and associated devices	tpfrls(8)	1022
Reservations	Displays user reservation status for all users	tpgstat(8)	1023
Reserved port numbers	Creates a bit map of well-known reserved ports	rsvportbm(8)	825
Resolution	Displays address resolution display and control	arp(8)	60
Resource group point of contact	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Resource group (share authentication)	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887

Respecify options between groups of files	Identifies processes using a file or file structure	fuser(8)	331
Restarts summary files in /usr/adm/acct/sum	Creates a utmp(5) record	acctwtmp(8)	20
restore(8)	Performs an incremental file system restore	restore(8)	792
restore(8)	Restores a file system dump across a TCP/IP network	rrestore(8)	819
Restores a file system dump across a TCP/IP network	Restores a file system dump across a TCP/IP network	rrestore(8)	819
Restores a process so it is eligible to execute	Suspends or resumes a process or group of processes	suspend(8)	968
resume(8)	Suspends or resumes a process or group of processes	suspend(8)	968
Returns the state of the NIS+ namespace ..	Returns the state of the NIS+ namespace	nistest(8)	640
Returns volumes to loader scratch pool	Returns volumes to loader scratch pool	tpscr(8)	1034
Rewriting the dynamic blocks of the partitions	Checks file system consistency and interactively repairs it	fsck(8)	288
rexec(3C)	Invokes the remote magnetic tape protocol module	rmt(8)	806
rexecd(8)	Invokes the remote execution server	rexecd(8)	799
Ripple pattern for line printer (generates) ..	Generates line printer ripple pattern	lptest(8)	459
ripquery(8)	Queries routing information protocol (RIP) gateways ..	ripquery(8)	802
rlogin(1B) server	Invokes the remote login server	rlogind(8)	804
rlogind(8)	Invokes the remote login server	rlogind(8)	804
rmt(8)	Invokes the remote magnetic tape protocol module	rmt(8)	806
route(8)	Manipulates network routing tables manually	route(8)	808
Routes (defines)	Starts the TCP/IP networking software	tcpstart(8)	980
Routing daemon	Performs routing protocols	gated(8)	335
Routing daemon	Monitors OSPF gateways	ospf_monitor(8)	717
Routing protocol	Performs routing protocols	gated(8)	335
Routing protocol	Operational user interface for gated(8)	gdc(8)	338
Routing protocol	Monitors OSPF gateways	ospf_monitor(8)	717
Routing protocol	Queries routing information protocol (RIP) gateways ..	ripquery(8)	802
RPC	Reports RPC information	rpcinfo(8)	818
RPC packets	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
RPC packets (sending)	Spray RPC packets	spray(8)	953
RPC server	Performs NFS mount request server function	mountd(8)	501
RPC server	Converts Remote Procedure Call (RPC) program numbers into DARPA protocol port numbers	portmap(8)	750
RPC server	Performs kernel statistics server function	rstatd(8)	824
RPC-based server	Performs RPC-based network user name server function	usersd(8)	836
rpcbind(8)	Maps universal addresses to an RPC program number	rpcbind(8)	813
rpcbstart(8)	Starts rpcbind(8) or portmap(8)	rpcbstart(8)	817
rpcinfo(8)	Reports RPC information	rpcinfo(8)	818

rrestore	.....	Copies data to rmt(8) command on network	.....	lrmt(8)	.....	460
rrestore(8)	.....	Invokes the remote magnetic tape protocol module	.....	rmt(8)	.....	806
rrestore(8)	.....	Restores a file system dump across a TCP/IP	.....		
		network	.....	rrestore(8)	.....	819
rshd(8)	.....	Invokes the remote shell server	.....	rshd(8)	.....	821
rstatd(8)	.....	Performs kernel statistics server function	.....	rstatd(8)	.....	824
rsvportbm(8)	.....	Creates a bit map of well-known reserved ports	.....	rsvportbm(8)	.....	825
Run designated processes	.....	Selects, dedicates, and changes mode bits per CPUs	.....	cpu(8)	.....	107
Run level	.....	Controls process initialization	.....	init(8)	.....	408
Run the file-save procedure	.....	Terminates all processing	.....	shutdown(8)	.....	904
runacct(8)	.....	Runs daily accounting	.....	runacct(8)	.....	826
Runnable processes (fair-share scheduler)	..	Monitors detailed system fair-share scheduling	.....		
		information	.....	shrmon(8)	.....	891
Runs a program in dedicated mode	.....	Runs a program in dedicated mode	.....	ded(8)	.....	217
Runs daily accounting	.....	Runs daily accounting	.....	runacct(8)	.....	826
Runs file system check multiple times	.....	Checks file system consistency and interactively	.....		
		repairs it	.....	fsck(8)	.....	288
Runs file system checks in parallel	.....	Runs file system checks in parallel	.....	mfck(8)	.....	469
Runs periodic accounting	.....	Runs periodic accounting	.....	csaperiod(8)	.....	180
Runs several copies of fsck(8)	.....	Runs file system checks in parallel	.....	mfck(8)	.....	469
runsequence(8)	.....	Performs automatic test sequencing	.....	runsequence(8)	.....	829
Runtime initialization of pcache	.....	Runtime initialization of pcache	.....	pcinit(8)	.....	725
rusersd(8)	.....	Performs RPC-based network user name server	.....		
		function	.....	rusersd(8)	.....	836
rwall requests	.....	Performs RPC-based network rwall(8) server	.....		
		function	.....	rwalld(8)	.....	838
rwall server	.....	Performs RPC-based network rwall(8) server	.....		
		function	.....	rwalld(8)	.....	838
rwall(8)	.....	Writes to all users on a network	.....	rwall(8)	.....	837
rwalld(8)	.....	Performs RPC-based network rwall(8) server	.....		
		function	.....	rwalld(8)	.....	838
sar(8)	.....	Generates system activity data on a routine basis	.....	sar(8)	.....	843
sa2(8)	.....	Generates system activity data on a routine basis	.....	sar(8)	.....	843
sadc(8)	.....	Generates system activity data on a routine basis	.....	sar(8)	.....	843
sam(8)	.....	Displays data about system activity	.....	sam(8)	.....	839
samdaemon(8)	.....	System activity data daemon	.....	samdaemon(8)	.....	840
sar(8)	.....	Generates system activity data on a routine basis	.....	sar(8)	.....	843
Saves the latest versions of the message	.....				
log file	.....	Saves the latest versions of the message log file	.....	newmsglog(8)	.....	539
Saving inode data for files	.....	Lists file names and statistics for a file system	.....	ff(8)	.....	282
SBU data (reports)	.....	Reports on consolidated accounting data	.....	csacrep(8)	.....	150
SBU usage (reports)	.....	Prints a job report from the session record file	.....	csajrep(8)	.....	166
Scans an a.out file looking for EBM	.....				
instructions	.....	Scans an a.out file looking for EBM instructions	.....	ebmchk(8)	.....	255
Scheduling parameters	.....	Sets memory scheduling parameters	.....	nschedv(8)	.....	646
schedv(2)	.....	Sets memory scheduling parameters	.....	nschedv(8)	.....	646
screen(8)	.....	Invokes the operator display manager	.....	oper(8)	.....	715
sdaemon(8)	.....	Starts or kills daemon processes	.....	sdaemon(8)	.....	845
sdc(8)	.....	Collects system data	.....	sdc(8)	.....	850

sdconf(8)	Controls the state of a disk drive	sdconf(8)	853
sdcx(8)	Collects system data	sdc(8)	850
SDS data (reports)	Reports on consolidated accounting data	csacrep(8)	150
sdstat(8)	Displays information about disk device I/O	sdstat(8)	857
SDS-use statistics (reports)	Prints a job report from the session record file	csajrep(8)	166
Searches NIS+ tables	Searches NIS+ tables	nismatch(8)	617
Searches the accounting configuration file for the specified argument	Searches the accounting configuration file for the specified argument	getconfig(8)	342
Searches the process table in kernel memory for a process matching the command-line requirements	Searches the process table in kernel memory for a process matching the command-line requirements	airexist(8)	30
SECDED maintenance hardware	Memory error correction interface SECDED hardware	secded(8)	859
secded(8)	Memory error correction interface SECDED hardware	secded(8)	859
Secondary data segment job limit (sets)	Generates or maintains the user database	udbgen(8)	1059
Secondary data segment process limit for batch (sets)	Generates or maintains the user database	udbgen(8)	1059
Secondary data segment process limit for interactive (sets)	Generates or maintains the user database	udbgen(8)	1059
Secure system (controls file attributes)	Checks and sets file ownership, access, and security parameters	spfilck(8)	935
Secure system job temporary directories (deletes)	Deletes job temporary directories	cleantmp(8)	95
Secure system (wildcard levels)	Sets wildcard levels on system directories in a trusted environment	spwcard(8)	955
Security administrator	Changes security auditing criteria	spaudit(8)	922
Security audit log	Changes security auditing criteria	spaudit(8)	922
Security checks	Performs security checks on a UNICOS system	spcheck(8)	929
Security compartment names (sets)	Generates or maintains the user database	udbgen(8)	1059
Security event files	Extracts, formats, and outputs UNICOS security event files	reduce(8)	783
Security event logging	Security event logging daemon	slogdemon(8)	907
Security event logging daemon	Security event logging daemon	slogdemon(8)	907
Security labels	Reads or writes file system labels and security labels	labelit(8)	440
Security labels	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Security levels	Constructs a file system	mkfs(8)	478
Security levels (default)	Generates or maintains the user database	udbgen(8)	1059
Security levels (secure system)	Checks and sets file ownership, access, and security parameters	spfilck(8)	935
Security monitoring	Performs security checks on a UNICOS system	spcheck(8)	929
Security permissions (sets)	Generates or maintains the user database	udbgen(8)	1059
Security records	Security event logging daemon	slogdemon(8)	907
Security trap field (sets)	Generates or maintains the user database	udbgen(8)	1059

Security (wildcard levels)	Sets wildcard levels on system directories in a trusted environment	spwcard(8)	955
Select one or more processors	Selects, dedicates, and changes mode bits per CPUs ...	cpu(8)	107
Selects, dedicates, and changes mode bits per CPUs	Selects, dedicates, and changes mode bits per CPUs ...	cpu(8)	107
Send an echo packet to a GigaRing node ..	Send an echo packet to a GigaRing node	fping(8)	286
Send message to users	Writes to all users on a network	rwall(8)	837
Sending RPC packets	Spray RPC packets	spray(8)	953
sendmail(8)	Sends mail over the Internet	sendmail(8)	861
Sends a ping to NIS+ servers	Sends a ping to NIS+ servers	nisping(8)	626
Sends domain name query packets to name servers	Sends domain name query packets to name servers ...	dig(8)	228
Sends ICMP ECHO_REQUEST packets to network hosts	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
Sends mail over the Internet	Sends mail over the Internet	sendmail(8)	861
Sends message	Writes to all users	wall(8)	1124
Server for Internet	Performs Internet super-server function	inetd(8)	399
Server for Internet domain	Specifies Internet domain name server	named(8)	518
Server for NFS	Performs NFS mount request server function	mountd(8)	501
Server for the rcmd(3C) routine	Invokes the remote shell server	rshd(8)	821
Server for the remsh(1B) command	Invokes the remote shell server	rshd(8)	821
Server for the rexec(3C) routine	Invokes the remote execution server	rexecd(8)	799
Server for the rlogin(1B) command	Invokes the remote login server	rlogind(8)	804
Server information (displays NFS and RPC)	Displays NFS statistics	nfsstat(8)	574
Server processes for network information service (NIS)	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
Server to all maps in database (sets up)	Builds and installs the network information service (NIS) database	ypinit(8)	1158
Server to the DARPA Trivial File Transfer Protocol	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
Server to the DARPA trivial file transfer protocol	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
Serves as intermediary to keyerv(8)	Serves as intermediary to keyerv(8)	keyenvoy(8)	431
Service requests	Invokes the remote execution server	rexecd(8)	799
Service requests	Invokes the remote login server	rlogind(8)	804
services(5)	Daemon program for finger(1B)	fingerd(8)	285
services(5)	Invokes the Internet file transfer protocol server	ftpd(8)	325
services(5)	Invokes the remote execution server	rexecd(8)	799
Session file records (summarizes)	Produces summarized session records	csafef2(8)	156
Session record file (condensed into cacct file)	Condenses a session record file into a cacct file	csacon(8)	145
Session record file (prints job report from)	Prints a job report from the session record file	csajrep(8)	166
Session records for connect accounting (generates)	Generates a session record file	csabuild(8)	142

Session records for kernel accounting (generates)	Generates a session record file	csabuild(8)	142
Session records for NQS (generates)	Generates a session record file	csabuild(8)	142
Session records for online tapes (generates)	Generates a session record file	csabuild(8)	142
Session records (generates)	Generates a session record file	csabuild(8)	142
Set maximum user error counts	Set maximum user error counts	seterr(8)	870
Set system date	Sets the system date from the IOS	setdate(8)	868
setacid(8)	Sets default accounting ID	setacid(8)	867
setdate(8)	Sets the system date from the IOS	setdate(8)	868
seterr(8)	Set maximum user error counts	seterr(8)	870
setfs(8)	Changes dynamic information in file system super block	setfs(8)	872
setpal(8)	Sets privilege assignment list (PAL) category entries of a file	setpal(8)	874
setprivs(8)	Modifies the file privilege sets of a file	setprivs(8)	877
Sets another user's limits for the fair-share scheduler	Sets another user's limits for the fair-share scheduler	shrlimit(8)	890
Sets, clears, and displays objects	Sets, clears, and displays objects	spdev(8)	932
Sets default accounting ID	Sets default accounting ID	setacid(8)	867
Sets features for the tape daemon	Sets features for the tape daemon	tpset(8)	1036
Sets file privileges, security label, permissions mode, owner, owning group, and security flags	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Sets memory scheduling parameters	Sets memory scheduling parameters	nschedv(8)	646
Sets or clears the system user panic flag	Sets or clears the system user panic flag	panic(8)	721
Sets privilege assignment list (PAL) category entries of a file	Sets privilege assignment list (PAL) category entries of a file	setpal(8)	874
Sets the Internet address to hardware address mapping	Sets the Internet address to hardware address mapping	hyroute(8)	388
Sets the system date from the IOS	Sets the system date from the IOS	setdate(8)	868
Sets up an interactive connection	Sets up an interactive connection	getty(8)	350
Sets up master server to all maps in database	Builds and installs the network information service (NIS) database	ypinit(8)	1158
Sets up NIS database on slave server	Builds and installs the network information service (NIS) database	ypinit(8)	1158
Sets wildcard levels on system directories in a trusted environment	Sets wildcard levels on system directories in a trusted environment	spwcard(8)	955
Setting labels	Sets file privileges, security label, permissions mode, owner, owning group, and security flags	privcmd(8)	755
Setting system clock	Performs NTP time synchronization daemon function	ntpd(8)	656

sfbsd(8)	Initializes and monitors the External Semaphore Device	sfbsd(8)	879
Share administrators (share authentication)	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Share authentication	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
Share scheduler (monitoring)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
Share system usage calculations	Changes and displays costs for fair-share scheduler usage calculations	shradmin(8)	880
Shell collector	Generates system activity data on a routine basis	sar(8)	843
Shell procedures	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
Shows trace records associated with protocol control block	Transliterates protocol trace	trpt(8)	1050
shradmin(8)	Changes and displays costs for fair-share scheduler usage calculations	shradmin(8)	880
shrdaemon(8)	Performs system functions for the fair-share scheduler	shrdaemon(8)	885
shrdist(8)	Redistributes shares among a resource group for the fair-share scheduler	shrdist(8)	887
shrlimit(8)	Sets another user's limits for the fair-share scheduler	shrlimit(8)	890
shrmon(8)	Monitors detailed system fair-share scheduling information	shrmon(8)	891
shrsync(8)	Synchronizes the UDB and fair-share information for active users	shrsync(8)	894
shrtree(8)	Displays the fair-share hierarchy defined in the user database (UDB)	shrtree(8)	896
shutacct(8)	Shuts down accounting	shutacct(8)	903
shutdown	Kills all active processes	killall(8)	433
shutdown(8)	Terminates all processing	shutdown(8)	904
Shuts down accounting	Shuts down accounting	shutacct(8)	903
Simple network management protocol agent/server for Cray Research systems	Simple network management protocol agent/server for Cray Research systems	snmpd(8)	917
Single-bit errors	Memory error correction interface SECCDED hardware	seccded(8)	859
Single-user mode	Invokes system initialization shell scripts	brc(8)	77
Size checks	Checks file system consistency and interactively repairs it	fsck(8)	288
Slave server database (sets up)	Builds and installs the network information service (NIS) database	ypinit(8)	1158
slogdemon(8)	Security event logging daemon	slogdemon(8)	907
Slot number	Examines system core images	crash(8)	111
smpmon(8)	Interactively monitors the physical-layer External Semaphore Device	smpmon(8)	909

SMT	FDDI station management daemon	smt(8)	910
SMTD	FDDI station management daemon	smt(8)	910
smt(8)	FDDI station management daemon	smt(8)	910
SMTP help file	Sends mail over the Internet	sendmail(8)	861
SNMP route tracing	Performs route tracing with the Simple Network Management Protocol	snmproute(8)	921
snmpd(8)	Simple network management protocol agent/server for Cray Research systems	snmpd(8)	917
snmproute(8)	Performs route tracing with the Simple Network Management Protocol	snmproute(8)	921
Socket	Invokes the Internet file transfer protocol server	ftpd(8)	325
Socket accounting	Checks the status of, enables, and disables process, daemon, and record accounting	csaswitch(8)	197
Socket created by tftpd	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
Socket for tracing	Collects trace information for TCP/IP, and NFS	trcollect(8)	1045
Software configuration	Controls process initialization	init(8)	408
Sorts processes that executed identically named commands	Summarizes command usage from per-process accounting records	acctcms(8)	5
Sorts the <i>special</i> files by physical device numbers	Defines physical storage	stor(8)	967
Source address	Invokes the remote login server	rlogind(8)	804
Source port	Invokes the remote login server	rlogind(8)	804
spaudit(8)	Changes security auditing criteria	spaudit(8)	922
spcheck(8)	Performs security checks on a UNICOS system	spcheck(8)	929
spdev(8)	Sets, clears, and displays objects	spdev(8)	932
Special file	Prints device name	devnm(8)	221
Special file statistics	Lists file names and statistics for a file system	ff(8)	282
Specifies Internet domain name server	Specifies Internet domain name server	named(8)	518
spfilck(8)	Checks and sets file ownership, access, and security parameters	spfilck(8)	935
spmap(8)	Reads or generates and writes a physical disk spare map	spmap(8)	938
SPN-based HIPPI device test	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
spnet(8)	Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	spnet(8)	940
Spool area handler	Provides line printer daemon function	lpd(8)	455
Spooling queue (enables/disables)	Controls the operation of the line printer	lpc(8)	452
Spooling queue jobs (rearranges order)	Controls the operation of the line printer	lpc(8)	452
Spooling queues status (finds)	Controls the operation of the line printer	lpc(8)	452
Spray RPC packets	Spray RPC packets	spray(8)	953
Spray server	Performs RPC-based spray server function	sprayd(8)	954
spray(8)	Spray RPC packets	spray(8)	953
sprayd(8)	Performs RPC-based spray server function	sprayd(8)	954
spwcard(8)	Sets wildcard levels on system directories in a trusted environment	spwcard(8)	955
SSD cache characteristics	Assigns and displays logical device cache	ldcache(8)	443

SSD control command	Controls the state of a model E SSD drive	ssddconf(8)	959
SSD device control function	Controls the state of a model E SSD drive	ssddconf(8)	959
ssd(8)	Display and change SSD configuration information	ssd(8)	956
ssddconf(8)	Controls the state of a model E SSD drive	ssddconf(8)	959
Start daemon processes	Starts or kills daemon processes	sdaemon(8)	845
start_air(8)	Starts the automated incident reporting (AIR) system	start_air(8)	961
Starting AIR	Starts the automated incident reporting (AIR) system	start_air(8)	961
Starting syslogd(8)	Starts syslogd(8) and renames its log files	newsys(8)	540
Starts all system daemons	Invokes system initialization shell scripts	brc(8)	77
Starts device accounting	Controls device and performance accounting	devacct(8)	219
Starts networking software	Starts networking software	netstart(8)	529
Starts NFS daemons and services requests	Starts NFS daemons and services requests	nfscd(8)	553
Starts or kills daemon processes	Starts or kills daemon processes	sdaemon(8)	845
Starts rpcbind(8) or portmap(8)	Starts rpcbind(8) or portmap(8)	rpcbstart(8)	817
Starts syslogd(8) and renames its log files	Starts syslogd(8) and renames its log files	newsys(8)	540
Starts tape daemon	Starts tape daemon	tpdaemon(8)	1013
Starts the automated incident reporting (AIR) system	Starts the automated incident reporting (AIR) system	start_air(8)	961
Starts the IPI-3/HIPPI packet driver subsystem	Starts the IPI-3/HIPPI packet driver subsystem	hpi3_start(8)	368
Starts the IPI-3/IPI packet driver subsystem or a single IOP	Starts the IPI-3/IPI packet driver subsystem or a single IOP	ipi3_start(8)	421
Starts the message daemon	Starts the message daemon	msgdaemon(8)	512
Starts the network file system (NFS)	Starts the network file system (NFS)	nfsstart(8)	573
Starts the network information service (NIS)	Starts the network information service (NIS)	ypstart(8)	1170
Starts the network time protocol (NTP) daemon	Starts the network time protocol (NTP) daemon	ntpstart(8)	662
Starts the TCP/IP networking software	Starts the TCP/IP networking software	tcpstart(8)	980
Starts the Unified Resource Manager (URM) daemon	Starts the Unified Resource Manager (URM) daemon	urmd(8)	1095
startup(8)	Puts system in multiuser mode or turns on system accounting	startup(8)	962
statd(8)	Processes NFS file lock requests	lockd(8)	451
statd(8)	Provides the crash and recovery functions for NFS locking services	statd(8)	964
State of disk drivers	Displays information about disk device I/O	sdstat(8)	857
State of Model E disk drivers	Controls the state of an IOS model E disk drive	pddconf(8)	729
State of Model E disk drivers	Displays information about the IOS model E	pddstat(8)	733
State of model E SSDs	Controls the state of a model E SSD drive	ssddconf(8)	959
statefile	Runs daily accounting	runacct(8)	826
staticrts(8)	Installs static routing information	staticrts(8)	965

Station Management	FDDI station management daemon	smtdd(8)	910
Statistics	Examines system core images	crash(8)	111
Statistics	Performs kernel statistics server function	rstatd(8)	824
Statistics configuration	Configures and displays ATM administration statistics	atmadmin(8)	65
Statistics display	Configures and displays ATM administration statistics	atmadmin(8)	65
Statistics for TCP/IP and NFS (displays) ...	Displays X Window System TCP/IP network and UNICOS NFS statistics	netperf(8)	526
Statistics (NFS)	Displays NFS statistics	nfsstat(8)	574
Statistics server	Performs kernel statistics server function	rstatd(8)	824
Status	Displays user reservation status for all users	tpgstat(8)	1023
Status of printer daemons (finds)	Controls the operation of the line printer	lpc(8)	452
Status of printers (finds)	Controls the operation of the line printer	lpc(8)	452
Status of spooling queues (finds)	Controls the operation of the line printer	lpc(8)	452
Status of tape devices	Displays current tape equipment configuration	tpdev(8)	1015
stdhosts(8)	Converts/prints Internet addresses from hosts(5) or networks(5) files	stdhosts(8)	966
Stop message daemon	Stops the message daemon	msgdstop(8)	514
Stops tape daemon	Stops tape daemon	tpdstop(8)	1017
Stops the IPI-3/HIPPI subsystem	Stops the IPI-3/HIPPI subsystem	hpi3_stop(8)	374
Stops the IPI-3/IPI subsystem or a single IOP	Stops the IPI-3/IPI subsystem or a single IOP	ipi3_stop(8)	426
Stops the message daemon	Stops the message daemon	msgdstop(8)	514
stor(8)	Defines physical storage	stor(8)	967
Stores public and private encryption keys ..	Stores public and private encryption keys	keyserv(8)	432
struct timeval	Sends ICMP ECHO_REQUEST packets to network hosts	ping(8)	746
Summarizes command usage from per-process accounting records	Summarizes command usage from per-process accounting records	acctcms(8)	5
Summarizes previous daily reports	Creates a utmp(5) record	acctwtmp(8)	20
Summarizing session records	Produces summarized session records	csafef2(8)	156
Super block	Changes dynamic information in file system super block	setfs(8)	872
Super block and dynamic block checks	Checks file system consistency and interactively repairs it	fsck(8)	288
Super_record file conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
suspend(8)	Suspends or resumes a process or group of processes	suspend(8)	968
Suspends or resumes a process or group of processes	Suspends or resumes a process or group of processes	suspend(8)	968
Swap device	Prints device name	devnm(8)	221
Swap in	Displays current system swapping activity	swapper(8)	970
Swap out	Displays current system swapping activity	swapper(8)	970
swapper(8)	Displays current system swapping activity	swapper(8)	970
Swapping activity	Displays current system swapping activity	swapper(8)	970

Switching and system call	Generates system activity data on a routine basis	sar(8)	843
Symbolically links NIS+ objects	Symbolically links NIS+ objects	nisln(8)	612
sync(1) (relationship to)	Flushes logical device cache to disk	ldsync(8)	447
Synchronize all time-stamps in the /etc/wtmp file	Manipulates connect accounting records	fwtmp(8)	333
Synchronizes the UDB and fair-share information for active users	Synchronizes the UDB and fair-share information for active users	shrsync(8)	894
Synchronizing host time with time servers	Performs NTP time synchronization daemon function	ntpd(8)	656
Synchronous I/O (determines)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Syncs device cache and sets cache sync interval	Syncs device cache and sets cache sync interval	pcsync(8)	728
sysctl(8)	Gets or sets kernel state	sysctl(8)	973
sysdmp	Automatically copies raw core dump files to a regular UNICOS file in a separate file system	coredd(8)	101
sysdmp	Initializes raw dump device header	mkdmp(8)	474
sysdump	Automatically copies raw core dump files to a regular UNICOS file in a separate file system	coredd(8)	101
sysdump	Initializes raw dump device header	mkdmp(8)	474
SYSDUMP area	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
syslogd(8)	Logs system messages	syslogd(8)	977
System activity data	Generates system activity data on a routine basis	sar(8)	843
System activity data collector	System data processing language	tsar(8)	1052
System activity data collector	Collects system data	sdc(8)	850
System activity data daemon	System activity data daemon	samdaemon(8)	840
System activity monitoring	Displays graphic data about system activity	xsam(8)	1148
System administration purposes	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
System billing information	Merges or adds total accounting files	acctmerg(8)	12
System billing unit usage (reports)	Prints a job report from the session record file	csajrep(8)	166
System boot times (recorded for accounting)	Records system boot times for the accounting subsystem	csaboosts(8)	141
System buffer headers	Examines system core images	crash(8)	111
System core dump	Examines system core images	crash(8)	111
System data processing language	System data processing language	tsar(8)	1052
System dump	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
System dump file	Processes one or more IOS SYSDUMP areas	cpdmp(8)	103
System maintenance commands	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1
System maintenance purposes	Introduces system maintenance commands, network maintenance and operation commands, and application programs that invoke shell procedures	intro(8)	1

System map structures	Examines system core images	crash(8)	111
System messages logging	Starts syslogd(8) and renames its log files	newsys(8)	540
System messages logging	Logs system messages	syslogd(8)	977
System statistics	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
System statistics	Displays graphic data about system activity	xsam(8)	1148
System statistics	Displays system activity data on a dumb terminal	csam(8)	172
System statistics	Displays massively parallel processing (MPP) system activity	mppview(8)	503
System statistics	Displays data about system activity	sam(8)	839
System statistics	System activity data daemon	samdaemon(8)	840
System user panic flag	Sets or clears the system user panic flag	panic(8)	721
Table entry	Examines system core images	crash(8)	111
tacct	Merges or adds total accounting files	acctmerg(8)	12
tacct file conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
tacct format	Performs connect-time accounting	acctcon(8)	7
Tape configuration	Displays current tape equipment configuration	tpdev(8)	1015
Tape configuration file	Verifies new format tape daemon configuration file and converts it to binary format	tpconf(8)	1002
Tape configuration file	Starts tape daemon	tpdaemon(8)	1013
Tape configuration file	Initializes the tape subsystem	tpinit(8)	1025
Tape daemon	Starts tape daemon	tpdaemon(8)	1013
Tape daemon autoloader premount program	Tape daemon autoloader premount program	tpapm(8)	992
Tape daemon features	Sets features for the tape daemon	tpset(8)	1036
Tape daemon (stops)	Stops tape daemon	tpdstop(8)	1017
Tape data path	Displays current tape equipment configuration	tpdev(8)	1015
Tape device status	Displays current tape equipment configuration	tpdev(8)	1015
Tape device test	Provides tape device testing	vtt(8)	1118
Tape devices	Configures tape devices up and down	tpconfig(8)	1004
Tape devices	Forcibly releases tape reservation and associated devices	tpfrls(8)	1022
Tape devices	Unloads tape drives	tpu(8)	1039
Tape devices information	Displays operator information about tape devices	tpbm(8)	994
Tape drives	Clears the tape drive	tpclr(8)	1000
Tape format	Formats an ER90 tape volume	tpformat(8)	1018
Tape label	Labels a magnetic tape	tplabel(8)	1027
Tape mark	Labels a magnetic tape	tplabel(8)	1027
Tape messages (displays for operators)	Allows operators to display action messages	msgd(8)	511
Tape mount messages	Invokes the operator display manager	oper(8)	715
Tape mount messages (displays for operators)	Allows operators to display action messages	msgd(8)	511
Tape (online) accounting (generates session records)	Generates a session record file	csabuild(8)	142
Tape operator messages	Sets features for the tape daemon	tpset(8)	1036
Tape special files	Builds a directory entry and inode for a special file	mknod(8)	483
Tape unit limit for batch jobs (sets)	Generates or maintains the user database	udbgen(8)	1059
Tape unit limit for interactive jobs (sets) ...	Generates or maintains the user database	udbgen(8)	1059

TCP	Reports RPC information	rpcinfo(8)	818
TCP connection Protocol Control Block (PCB)	Transliterates protocol trace	trpt(8)	1050
TCP/IP network daemons (starts)	Starts the TCP/IP networking software	tcpstart(8)	980
TCP/IP network (starts)	Starts the TCP/IP networking software	tcpstart(8)	980
TCP/IP statistics (displays)	Displays X Window System TCP/IP network and UNICOS NFS statistics	netperf(8)	526
TCP/IP trace formatter	Formats trace information obtained from trcollect(8)	trformat(8)	1048
tcpstart(8)	Starts the TCP/IP networking software	tcpstart(8)	980
telinit(8)	Controls process initialization	init(8)	408
TELNET server	Invokes the DARPA TELNET protocol server	telnetd(8)	982
telnetd(8)	Invokes the DARPA TELNET protocol server	telnetd(8)	982
Temporary directories created by tmpdir(1) (deletes)	Deletes job temporary directories	cleantmp(8)	95
Temporary directories for jobs (deletes) ...	Deletes job temporary directories	cleantmp(8)	95
termcap	Converts a termcap description into a terminfo(5) description	captainfo(8)	83
Terminates all processes with open files ...	Kills all active processes	killall(8)	433
Terminates all processing	Terminates all processing	shutdown(8)	904
Terminates device accounting	Controls device and performance accounting	devacct(8)	219
Terminates errdemon	Moves the errlog file	mverr(8)	516
Terminates fsdaemon(8)	Interfaces with the file system monitor fsdaemon(8)	fsmon(8)	302
Terminates the diagnostic daemon	Terminates the diagnostic daemon	dgstop(8)	225
Terminates the error-logging daemon	Terminates the error-logging daemon	errstop(8)	262
terminfo(5)	Converts a termcap description into a terminfo(5) description	captainfo(8)	83
Test summary report	Generates detailed AIR reports based on aird(8) binary log file	airtsum(8)	49
Tests file systems and disk devices	Tests file systems and disk devices	fstest(8)	316
Tests HIPPI channel	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Text table	Examines system core images	crash(8)	111
TFTP	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
tftp(1B)	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
tftpd(8)	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
tic(8)	Converts a termcap description into a terminfo(5) description	captainfo(8)	83
tic(8)	Invokes the terminfo compiler	tic(8)	987
Time memory integral (reports CPU)	Reports on consolidated accounting data	csacrep(8)	150
Timeout records (AIR)	Generates detailed AIR reports based on aird(8) binary log file	airdet(8)	25
Timing information (displays NFS and RPC)	Displays NFS statistics	nfsstat(8)	574
/tmp/Super-record (condensed into cacct file)	Condenses a session record file into a cacct file	csacon(8)	145
/tmp/Super-record (input to)	Prints a job report from the session record file	csajrep(8)	166

Tools that build accounting systems	Overview of standard UNIX System V accounting commands	acct(8)	3
tpapm(8)	Tape daemon autoloader premount program	tpapm(8)	992
tpbmx(8)	Displays operator information about tape devices	tpbmx(8)	994
tpclr(8)	Clears the tape drive	tpclr(8)	1000
tpconf(8)	Verifies new format tape daemon configuration file and converts it to binary format	tpconf(8)	1002
tpconfig(8)	Configures tape devices up and down	tpconfig(8)	1004
tpcore(8)	Initiates the tape subsystem monitor	tpcore(8)	1009
tpdaemon(8)	Starts tape daemon	tpdaemon(8)	1013
tpdev(8)	Displays current tape equipment configuration	tpdev(8)	1015
tpdstop(8)	Stops tape daemon	tpdstop(8)	1017
tpdtab structure	Displays operator information about tape devices	tpbmx(8)	994
tpformat(8)	Formats an ER90 tape volume	tpformat(8)	1018
tpfrls(8)	Forcibly releases tape reservation and associated devices	tpfrls(8)	1022
tpgstat(8)	Displays user reservation status for all users	tpgstat(8)	1023
tpinit(8)	Initializes the tape subsystem	tpinit(8)	1025
tplabel(8)	Labels a magnetic tape	tplabel(8)	1027
tpmls(8)	Displays loader status	tpmls(8)	1030
tpmql(8)	Displays tape daemon mount request queue list	tpmql(8)	1032
tpscr(8)	Returns volumes to loader scratch pool	tpscr(8)	1034
tpset(8)	Sets features for the tape daemon	tpset(8)	1036
tpu(8)	Unloads tape drives	tpu(8)	1039
Trace files	Starts tape daemon	tpdaemon(8)	1013
traceroute(8)	Prints the route that packets take to network host	traceroute(8)	1040
Transfers network information service (NIS) map from NIS server	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172
Transfers print files to the spooling area	Provides line printer daemon function	lpd(8)	455
Translation tables	Displays address resolution display and control	arp(8)	60
Transliterates protocol trace	Transliterates protocol trace	trpt(8)	1050
Transmission Control Protocol	Reports RPC information	rpcinfo(8)	818
Transmission Control Protocol (TCP)	Invokes the Internet file transfer protocol server	ftpd(8)	325
Transparent mounts	Mounts NFS or NFS version 3 file systems automatically	automount(8)	69
Transport protocol (UDP)	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
trcollect(8)	Collects trace information for TCP/IP, and NFS	trcollect(8)	1045
trformat(8)	Formats trace information obtained from trcollect(8)	trformat(8)	1048
trickle-sync	Controls device cache allocation, deallocation and attributes	pcache(8)	722
trpt(8)	Transliterates protocol trace	trpt(8)	1050
tsar(8)	System data processing language	tsar(8)	1052
TTY device activity	Generates system activity data on a routine basis	sar(8)	843
Tty structures	Examines system core images	crash(8)	111
Tunable system parameters	Examines system core images	crash(8)	111
Turn process accounting off	Creates a utmp(5) record	acctwtmp(8)	20
Turn process accounting on	Creates a utmp(5) record	acctwtmp(8)	20

Turn the accounting on	Creates a utmp(5) record	acctwtmp(8)	20
turnacct(8)	Controls process accounting	turnacct(8)	1055
turndacct(8)	Controls daemon accounting	turndacct(8)	1057
Turns off collecting process accounting records	Creates a utmp(5) record	acctwtmp(8)	20
ublock	Examines system core images	crash(8)	111
UDB (creates/updates)	Generates or maintains the user database	udbgen(8)	1059
UDB limits (prints information)	Prints administrative information for designated users	udbpl(8)	1082
UDB (prints information)	Prints administrative information for designated users	udbpl(8)	1082
UDB privileges (prints information)	Prints administrative information for designated users	udbpl(8)	1082
UDB shares (prints information)	Prints administrative information for designated users	udbpl(8)	1082
udbgen(8)	Generates or maintains the user database	udbgen(8)	1059
udbpl(8)	Prints administrative information for designated users	udbpl(8)	1082
udbrstrict(8)	Enables and disables user access	udbrstrict(8)	1084
/udir	Manages user login accounts	nu(8)	665
UDP	Reports RPC information	rpcinfo(8)	818
umask (sets)	Generates or maintains the user database	udbgen(8)	1059
umount(8)	Mounts and unmounts the file system	mount(8)	495
Uncorrectable disk error	Identifies a block on a given file system	bmap(8)	75
Unfinished accounting jobs (recycles)	Recycles unfinished sessions into next accounting run	csarecy(8)	183
UNICOS 8.x to 9.0 conversion	Converts UNICOS 8.0, 8.3, 9.0, 9.1, 9.2, and 9.3 accounting file(s) to UNICOS 10.0 format	csaconvert(8)	147
UNICOS configuration	Invokes UNICOS installation and configuration menu system	install(8)	413
UNICOS installation	Invokes UNICOS installation and configuration menu system	install(8)	413
Unified Resource Manager	Starts the Unified Resource Manager (URM) daemon	urmd(8)	1095
Unified Resource Manager	Captures the current URM configuration	urmsnap(8)	1097
Unified Resource Manager	Changes minimum rank field in URM job table entries	usetjob(8)	1099
Unit number	Performs a HYPERchannel interface test	hit(8)	357
unitap(8)	Provides online testing of magnetic tapes	unitap(8)	1087
unlink(2)	Executes link(2) and unlink(2) system calls	link(8)	448
unlink(8)	Executes link(2) and unlink(2) system calls	link(8)	448
Unloads tape drives	Unloads tape drives	tpu(8)	1039
Unmounts all file systems	Terminates all processing	shutdown(8)	904
Unsure file system integrity	Terminates all processing	shutdown(8)	904
upanic(2)	Sets or clears the system user panic flag	panic(8)	721
Update all file systems' super blocks	Puts system in multiuser mode or turns on system accounting	startup(8)	962
Update			
/usr/adm/acct/sum/loginlog	Creates a utmp(5) record	acctwtmp(8)	20

Updates NIS information	Updates NIS information	ypupdated(8)	1171
Updates the public keys in an NIS+ directory object	Updates the public keys in an NIS+ directory object ..	nisupdkeys(8)	642
Updates user database (UDB)	Generates or maintains the user database	udbgen(8)	1059
Updating the NIS (YP)	Updates NIS information	ypupdated(8)	1171
URM	Starts the Unified Resource Manager (URM) daemon	urmd(8)	1095
URM	Captures the current URM configuration	urmsnap(8)	1097
URM	Changes minimum rank field in URM job table entries	usetjob(8)	1099
urmd(8)	Starts the Unified Resource Manager (URM) daemon	urmd(8)	1095
urmsnap(8)	Captures the current URM configuration	urmsnap(8)	1097
Usage calculations (fair-share scheduler) ..	Changes and displays costs for fair-share scheduler usage calculations	shradmin(8)	880
/user	Manages user login accounts through a graphical user interface	xadmin(8)	1126
/user	Manages user login accounts	nu(8)	665
User access (enables and disables)	Enables and disables user access	udbrstrict(8)	1084
User database (creates/updates)	Generates or maintains the user database	udbgen(8)	1059
User database limits (fair-share scheduler)	Sets another user's limits for the fair-share scheduler	shrlimit(8)	890
User database limits (prints information) ...	Prints administrative information for designated users	udbpl(8)	1082
User database (prints information)	Prints administrative information for designated users	udbpl(8)	1082
User database privileges (prints information)	Prints administrative information for designated users	udbpl(8)	1082
User database shares (prints information) ..	Prints administrative information for designated users	udbpl(8)	1082
User database (UDB) and fair-share	Synchronizes the UDB and fair-share information for active users	shrsync(8)	894
User Datagram Protocol	Reports RPC information	rpcinfo(8)	818
User ID entry printing	Prints entries from a user ID map file, or a user ID map in the kernel or kernel dump	nfsuid(8)	576
User ID map (defines for NFS)	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
User ID map file (reads)	Defines a user ID and/or group ID map for use with NFS	nfsaddmap(8)	545
User ID map file (removes)	Removes a previously defined user and/or group ID map	nfsrmmmap(8)	569
User limits (fair-share scheduler)	Sets another user's limits for the fair-share scheduler	shrlimit(8)	890
User limits structures (cleans up)	Performs system functions for the fair-share scheduler	shrdaemon(8)	885

User mapping	Creates a user or group mapping between the local Cray Research administrative environment and a remote administrative environment	nfsmerge(8)	563
User mapping tables (removes)	Removes user and group mapping tables and ID mapping domains from the kernel	nfsclear(8)	551
User memory	Changes the system's notion of physical memory size	chmem(8)	86
User messages	Starts the message daemon	msgdaemon(8)	512
User permission bits (sets)	Generates or maintains the user database	udbgen(8)	1059
User process statistics	Reports hardware performance statistics for entire machine workload	hpmall(8)	375
User reservations	Displays user reservation status for all users	tpgstat(8)	1023
User TFTP program	Server to the DARPA trivial file transfer protocol	tftpd(8)	985
Username server	Performs RPC-based network user name server function	rusersd(8)	836
usetjob(8)	Changes minimum rank field in URM job table entries	usetjob(8)	1099
<i>/usr/adm/acct/day/fee</i> (writes record to)	Charges a fee to a user	chargefee(8)	85
<i>/usr/adm/acct/nite/ctmp</i>	Creates a utmp(5) record	acctwtmp(8)	20
<i>/usr/adm/acct/sum/rprtmmdd</i> file	Creates a utmp(5) record	acctwtmp(8)	20
<i>/usr/adm/errfile</i>	Invokes the error-logging daemon	errdemon(8)	257
<i>/usr/adm/errfile</i>	Processes errors report generated by errdemon(8)	errpt(8)	259
<i>/usr/adm/errfile</i>	Moves the errlog file	mverr(8)	516
<i>/usr/adm/nu.log</i>	Manages user login accounts	nu(8)	665
<i>/usr/adm/nu.temp</i>	Manages user login accounts	nu(8)	665
<i>/usr/adm/pacct</i>	Creates a utmp(5) record	acctwtmp(8)	20
<i>/usr/adm/sum/tacct</i>	Runs daily accounting	runacct(8)	826
<i>/usr/adm/xa.log</i>	Manages user login accounts through a graphical user interface	xadmin(8)	1126
<i>/usr/src/destinations</i>	Installs object files in binary directories	cpset(8)	105
Utility to dump FDDI (FCA-1) shared memory	Utility to dump FDDI (FCA-1) shared memory	fddidump(8)	268
Utility to gather FDDI station management information	Utility to gather FDDI station management information	fddimap(8)	271
Utility to load FDDI (FCA-1) microcode ..	Utility to load FDDI (FCA-1) microcode	fddiload(8)	269
Utility to loop data to the IOS model E low-speed network driver	Utility to loop data to the IOS model E low-speed network driver	npecho(8)	644
utmp(5) file (processes)	Preprocesses connect-time sessions	csaline(8)	170
Validates Kerberos ticket address for Kerberos servers	Validates Kerberos ticket address for Kerberos servers	krbipd(8)	436
Validating AIR configuration files	Prints and validates an AIR configuration file	airckconf(8)	21
Validity and syntax checks for Model-E ...	Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	econfig(8)	256

Verifies and deletes records from a pacct file	Verifies and deletes records from a pacct file	csapacct(8)	179
Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	Verifies boot-time CSL directives for IOS model E systems and generates mknod commands for specified configuration	econfig(8)	256
Verifies group file	Checks password and group files for consistency	pwck(8)	765
Verifies integrity of wttmp file	Runs daily accounting	runacct(8)	826
Verifies new format tape daemon configuration file and converts it to binary format	Verifies new format tape daemon configuration file and converts it to binary format	tpconf(8)	1002
Verifies password file	Checks password and group files for consistency	pwck(8)	765
vht(8)	Exercises SPN-based HIPPI devices (GigaRing based systems) or performs a test of a HIPPI channel (Model E systems)	vht(8)	1102
Virtual system console	Controls process initialization	init(8)	408
Volume serial numbers (vsn)	Invokes an incremental file system dump	dump(8)	249
VSN information	Manages selected autoloader operations	xtpldr(8)	1150
vst(8)	Exercises network devices capable of running TCP/IP	vst(8)	1112
vtt(8)	Provides tape device testing	vtt(8)	1118
Wait memory (I/O)	Reports on consolidated accounting data	csacrep(8)	150
Wait times (I/O)	Reports on consolidated accounting data	csacrep(8)	150
Waiting side of a loopback test to a remote host	Performs a HYPERchannel interface test	hit(8)	357
WAL maintenance	Manages NAL, WAL, and IP Security Options (IPSO) maps stored in network security tables	spnet(8)	940
wall(8)	Writes to all users	wall(8)	1124
WantCSsetup	Manages user login accounts through a graphical user interface	xadmin(8)	1126
WantCSsetup	Manages user login accounts	nu(8)	665
Warn all users	Writes to all users	wall(8)	1124
Warning command (file system monitor) ..	File system monitor daemon	fsdaemon(8)	292
Warning state (file system monitor)	Interfaces with the file system monitor fsdaemon(8)	fsmon(8)	302
Wildcard directory	Converts between wildcard and multilevel directory (MLD) structures	cvtmldir(8)	204
Wildcard directory	Creates a multilevel directory (MLD)	mlmkdir(8)	489
Wildcard directory	Removes a multilevel directory (MLD)	mlrmdir(8)	491
Wildcard levels	Sets wildcard levels on system directories in a trusted environment	spwcard(8)	955
Write all users	Writes to all users	wall(8)	1124
Write to all users	Writes to all users on a network	rwall(8)	837
Writes a record to /usr/adm/fee	Creates a uttmp(5) record	acctwttmp(8)	20
Writes to all users	Writes to all users	wall(8)	1124
Writes to all users on a network	Writes to all users on a network	rwall(8)	837

Writing memory errors	Memory error correction interface SECEDED hardware	seceded(8)	859
Writing tapes	Invokes an incremental file system dump	dump(8)	249
wtmpfix(8)	Manipulates connect accounting records	fwtmp(8)	333
X Window System utility to draw an FDDI ring map	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
xadmin(8)	Manages user login accounts through a graphical user interface	xadmin(8)	1126
xdi(8)	Graphical user interface for X Window System based diagnostic applications	xdi(8)	1129
xdms(8)	Provides online disk maintenance and initialization routines for Cray GigaRing attached SCSI and fibre channel devices, which are driven by the xdd driver ..	xdms(8)	1134
xfddimap(8)	X Window System utility to draw an FDDI ring map	xfddimap(8)	1141
Xflags (fair-share scheduler)	Generates or maintains the user database	udbgen(8)	1059
xmppview(8)	Displays Cray MPP system activity through a graphic user interface	xmppview(8)	1144
xsam(8)	Displays graphic data about system activity	xsam(8)	1148
xtpldr(8)	Manages selected autoloader operations	xtpldr(8)	1150
yp (user permission bits)	Generates or maintains the user database	udbgen(8)	1059
ypbind (points to server)	Points ypbind at a particular server	ypset(8)	1168
ypbind(8)	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
ypinit(8)	Builds and installs the network information service (NIS) database	ypinit(8)	1158
yppasswd(8)	Handles password change requests from yppasswd(1)	yppasswd(8)	1160
yppoll(8)	Finds network information service (NIS) map version at NIS server host	yppoll(8)	1162
yppush(8)	Forces the propagation of a changed network information services (NIS) map	yppush(8)	1163
ypserv(8)	Provides network information service (NIS) server and binder processes	ypserv(8)	1165
ypset(8)	Points ypbind at a particular server	ypset(8)	1168
ypstart(8)	Starts the network information service (NIS)	ypstart(8)	1170
ypupdated(8)	Updates NIS information	ypupdated(8)	1171
ypxfr1pdy(8)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172
ypxfr1phr(8)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172
ypxfr2pdy(8)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172
ypxfr(8)	Transfers network information service (NIS) map from NIS server	ypxfr(8)	1172