

A

- Accounting
 - csarun, 251
- Accounting states
 - CSA, 252
- ACID, 301
- Allocating devices to file systems, 104
- at, 14

B

- Back up file system by using tpd daemon, 152
- Back up file system without tpd daemon, 144
- Backplane configurations, 341
- Backup /usr file system
 - recommendations, 60
- Backup root (/) file system
 - recommendations, 60
- Backup/restore utilities, 134
- Backups
 - definition, 133
 - dump routine, 142
 - full, 142
 - logs, 2
 - partial, 142
 - types, 142
- Banding, 59
- bcheckrc, 314
- Billing
 - system, 251
- /bin/passwd
 - using to change password, 210
- Binary hosts file
 - compile, 278
- biod daemon, 303
- bkroot file system
 - change to rootb, 135

- bkusr file system
 - change to usrb, 135
- Block, 53
- Block allocation bit map, 56
- Block special files, 53
- bmap, 56
- boot, 312
- brc, 314
- Building file system, 121

C

- Cache process, 329
- cat /etc/exports, 307
- Channel numbers, 65
- Character special files, 53
- Character-special tape interface, 17
- chgrp, 316
- CHIPSZ values, 341
- chmod, 316
- chown, 16, 314
- ckdacct, 316
- ckpacct, 316
- Cleaning tape hardware, 321
- Code
 - site-specific, , 36
- Commands
 - alphabetical listing, 311
 - available from IOS console, 311
 - available from UNICOS, 313
 - /bin/boot, 20
 - /bin/df, 56
 - /bin/dflawr, 312
 - /bin/dflaww, 312
 - /bin/dformat, 312
 - /bin/dslip, 312
 - /bin/dsurf, 312

/bin/dverify, 312
 /bin/ed, 312
 /bin/enstat, 312
 /bin/fck, 57
 /bin/mfdump, 312
 /bin/mkdir, 314
 /bin/mt, 312
 /bin/reload, 312
 /bin/tpstat, 314
 /bin/whatmic, 312
 cat /etc/exports, 307
 /ce/bin/olhpa, 57
 cpio, 215
 csaedit, 255
 csapacct, 255
 csarun, 251
 csaverify, 255
 df, 312
 diskel, 323
 diskusg, 56
 du, 57
 /etc/bcheckrc, 314
 /etc/bconfig, 70
 /etc/bmap, 56
 /etc/brc, 314
 /etc/chown, 314
 /etc/config/rcoptions, 314
 /etc/config/tapeconfig, 314
 /etc/coredd, 314
 /etc/cpdmp, 314
 /etc/crash, 315
 /etc/csaboosts, 315
 /etc/ddstat, 57
 /etc/df, 315
 /etc/dmap, 56
 /etc/dump, 315
 /etc/econfig, 56
 /etc/errpt, 57, 315
 /etc/fsck, 125, 315
 /etc/fsmap, 56
 /etc/fstab, 130
 /etc/init, 26, 29, 33, 37, 315
 /etc/install, 104
 /etc/ldcache, 330
 /etc/mkfs, 121
 /etc/mount, 57
 /etc/nu, 172, 175, 315
 /etc/passwd, 315
 /etc/pddconf, 57
 /etc/pddstat, 57
 /etc/rpcbnd, 292
 /etc/setdev, 315
 /etc/setfs, 56
 /etc/shutdown, 315
 /etc/stor, 57
 /etc/udbgen, 172, 316
 /etc/wall, 218
 /etc/xadmin, 172, 175
 iosdump, 312, 343
 jcon, 344
 labelit, 124
 ldsync, 333
 load, 313
 mail, 223
 mfdump, 344
 mkdir, 187
 mknod, 145
 mount, 128, 129
 news, 221
 nu, 183, 186
 rcmd, 313
 rpcbstart, 292
 sdaemon, 47
 time, 313
 udbgen, 199, 208
 udbsee, 296
 umask, 15
 umount, 129
 /usr/bin/chgrp, 316
 /usr/bin/chmod, 316
 /usr/bin/du, 316
 /usr/bin/kill, 316
 /usr/bin/mkdir, 316
 /usr/bin/ps, 316
 /usr/bin/rmdir, 316

D

Daemon accounting
 enabling, 259

Daemons, 45
 NFS, 47
 rpcbind, 292
 starting, 47
 stopping, 47
 SYS1, 47
 SYS2, 47
 TCP, 47

Daily accounting, 242
 shell script, 251

Daily reports
 CSA, 262

DAT
 cleaning, 321

Data files
 editing, 255
 verifying, 255

Data migration facility, 5

Data recycling, 256

DC-5I controller, 323

dd utility, 135

DD-314, 325

DD-318, 326

DD-5I, 323

DD-5S, 324

DD-6S, 325

ddstat, 57

Dedicated system, , 40

Default PATH variable, 15

Default route
 creating, 278

define command, 8

/dev/dsk, 17

devacct, 261

Device recommendations

/tmp file system, 59

Devices

allocating to file systems, 104

device numbers, 54

identifying, 104

logical, 53

cache process, 329

defining, 68

physical, 53

layout description, 67

type description, 66

df, 56, 312, 315

dflawr, 312

dflaww, 312

dformat, 312

Digital Audio Tape, 321

Directories

/dev, 54

/dev/dsk, 54

Disk allocation

banding, 59

Disk banding, 3, 61

Disk devices, , 3

characteristics, 60

DD-314, 325

DD-318, 326

DD-5I, 323

DD-5S, 324

DD-6S, 325

diskel, 323

types and values, , 67

Disk storage requirements, 58

Disk striping, 3, 61

Disk type identifiers

CSL syntax, 62

Disk use

monitoring, 56

diskel, 323

diskusg, 16, 56

dmap, 56

DMF, 5

log file, 237

dodisk, 260

Domain

administrative, 300

dslip, 312

- dsurf, 312
 - du, 16, 57, 316
 - dump, 315
 - dump device
 - recommendations, 60
 - Dump file system by using tpd daemon, 152
 - Dump file system without tpd daemon, 144
 - dump utility, 134
 - Dumps
 - IOS, 343
 - mainframe, 343
 - size, 344
 - dverify, 312
 - Dynamic block, 55
- E**
- econfig, 56
 - ed, 312
 - Editing files
 - using csaedit, 255
 - using csapacct, 255
 - Email log file, 239
 - Emergency messages
 - issuing, 217
 - enstat, 312
 - Error log file, 236
 - errpt, 57, 315
 - files, 239
 - /etc/bconfig command, 70
 - /etc/boot.log file, 226
 - /etc/checklist, 259
 - /etc/config/acct_config, 246, 251
 - /etc/config/confval
 - limiting repeated logins, 17
 - /etc/config/daemons file, 294, 309
 - /etc/config/interfaces file
 - updating, 278
 - /etc/csainfo, 246, 247
 - /etc/cshrc, 15
 - /etc/dump.log, 231
 - /etc/dump, 143
 - options, 141
 - /etc/exports file, 307
 - /etc/fsck command, 125
 - /etc/fstab, 130
 - /etc/fstab file, 301, 302
 - /etc/hosts file
 - creating, 277
 - /etc/initif, 278
 - /etc/issue, 218
 - /etc/ldcache command, 330
 - /etc/mkfs command, 121
 - /etc/mnttab, 129
 - /etc/motd, 219
 - /etc/mount, 149
 - /etc/mountnfs
 - making executable, 305
 - /etc/mountnfs script, 305
 - /etc/nu.cf60, 187
 - changeable parameters in, 186
 - /etc/nu
 - changing configuration parameters, 184
 - /etc/profile, 15
 - /etc/rc, 258
 - log file, 226
 - script, 226
 - /etc/restore, 143
 - /etc/route, 279
 - /etc/sdaemon script, 309
 - /etc/shutdown, 259
 - /etc/shutdown script, 132
 - /etc/syslogd, 227
 - /etc/uidmaps/nfsidmap -d, 305
 - /etc/uidmaps/Set.domains file, 305
 - /etc/umount, 147
 - /etc/umount command, 132
 - /etc/wall, 218
 - /etc/wtmp, 246
 - /etc/yp/ypinit, 295

F

Fair-share scheduler

definition, , 4

fck, 57

FIFO special files, 53

File system

check, 149

fragmentation reduction, 144

free flock list, 126

increase/decrease space, 144

maintenance

backing up, 133

restoring, 133

planning change, 116

.Quota60 file, 109

quotas, 3, 108

commands, 110

monitoring, 115

soft, 111

warning windows, 114

reconfiguration, 116

remake, 149

remount, 152

reorganizing, 144

restoring, 143, 150

Setting up a quota control file, 111

unmount, 147, 152

File system quotas, 108

File systems

allocating devices to, 104

block allocation bit map, 56

booting bkroot and rootb, 137

booting bkusr and usrb, 137

checking, 125

composition, 55

creating, 120

creating bkroot and rootb, 136

creating bkusr and usrb, 136

creating root and usr, 135

current configuration, 104

disk storage requirements, 58

display mounted disk files (/etc/mount), 57

dynamic blocks, 55

examining, 56

inode, 53

inode region, 55

labeling, 124

map blocks, 56

mount table, 52

mounting, 128

mounting automatically

procedure, 131

overview, 52

partition data blocks, 56

planning and configuring, 51

planning issues, 57

regular files, 53

size recommendations, 59

special files, 53

strategies, 51

structure, 54

super block, 55

terminology, 53

unmounting, 132

Files

/adm/syslog, 312

/config, 312

configuration, 28

/CONFIGURATION, 29

email log, 239

errpt, 239

/etc/acid, 182

/etc/config/acct_config

example, 262

/etc/config/daemons

sample, 48

/etc/config/rcoptions

to alter start-up scripts, 35

/etc/cshrc, 214

/etc/fstab, 129

/etc/group, 172, 181

/etc/inittab, 30, 33, 37

sample, 33

values, 31

- /etc/mnttab, 129
 - /etc/nu.cf60, 184
 - /etc/passwd, 172
 - /etc/profile, 212
 - example, 213
 - /etc/rc.log, 35
 - /etc/rc.mid, 36
 - /etc/rc.pre, 36
 - /etc/rc.pst, 36
 - /etc/udb, 172
 - \$HOME/.cshrc, 214
 - \$HOME/.login, 214
 - IOS
 - /autoboot, 28
 - /bin/boot, 28
 - /config.h, 29
 - /config, 28
 - /sn.h, 29
 - /sys/*.cfg, 28
 - /sys/param, 28
 - /sys/unicos.ymp, 28
 - MLS log, 241
 - NQS log, 239
 - pacct, 256
 - shutdown, 28
 - start-up, 28
 - Super-record, 256
 - /sys/param, 29, 313
 - system daemons, , 45
 - UNICOS
 - /etc/config/daemons, 28
 - /etc/config/rcoptions, 29
 - /etc/inittab, 29
 - /unicos, 29
 - user environment, 212
 - user mail, 239
 - wtmp, 254
 - repairing, 255
 - Flushing data, 333
 - Free block list, 126
 - fsck, 315
 - command, 125
 - phases, 126
 - fsmap, 56
 - ftp, 280
 - Full backup, 142
- G**
- gated.conf, 288
 - GID, 300
 - Glossary
 - online, 8
 - group map, 290
 - Groups, 16
- H**
- Hardware failure, 127
 - High-performance I/O
 - definition, , 3
 - HIPPI disk
 - configuration, 62
 - HD16, 63
 - HD32, 63
 - HD64, 63
 - Hit rate
 - ldcache, 331
 - /home file system
 - recommendations, 60
 - \$HOME/.rhosts, 288
 - hosts, 288
 - hosts.equiv, 288
 - HP C1533A, 321
 - hycf.xxx, 288
- I**
- I/O redirection, 251
 - ID mapping, 300
 - Identifying devices, 104
 - Improper system shutdown, 127

Incident report log, 2
inetd.conf, 288
init, 315
Inode, 53
Inode region, 55
install, 104
Interactive restore, 151
ioctl requests, 17
IOS
 boot prompt, 41
 configuration/start-up files, 28
 dumps, 343
 IOS and UNICOS toggle
 CONTROL-a, 317
 load command, 20
 panics, 343
 prompt, 42
 prompts, 41
 statement, 64
iosdump, 312, 343
IPI-2 drives, 323

J

jcon, 344

K

Keys
 CONTROL-a, 317
Keywords, 62
kill, 316

L

Labeling a file system, 124
ldcache
 assigning, 330
 setting up, 329
ldsync

flushing data, 333
load, 20, 313
Log files, 225
 cleaning up, 238
 DMF - /usr/spool/dm/*, 237
 error log - /usr/adm/errfile, 236
 /etc/boot.log, 226
 /etc/dump.log, 231
 /etc/rc.log, 226
 examples, 230
 messages, 228
 priority levels, 228
 multilevel security - /usr/adm/sl/slogfile, 233
 new user log - /usr/adm/nu.log, 232
 NQS log - /usr/tmp/nqs.log, 235
 syslog daemon startup, 229
 system activity log - /usr/adm/sa/sadd, 233
 system logs, 227
 /usr/adm/sulog, 231
 /usr/spool/msg/msglog.log, 234
Logbooks, 2
Logical devices
 cache process, 329
 defining, 68

M

mail
 using, 223
Mainframe
 dumps, 343
Major device number, 54
Management applications, 17
Map blocks, 56
Master server, 291
Memory
 configuration parameters, 341
Memory configuration parameters, 341
Menu system, , 5
Messages
 critical - /etc/issue, 218

emergency - /etc/wall, 217
 noncritical - /usr/news, 220
 priority levels, 228
 sources, 228
 special - /etc/motd, 219
 mfdump, 312, 344
 Minor device number, 54
 mkdir, 187, 314, 316
 mknod, 145
 MLS log file, 233
 /mnt, 149
 Modifying configuration files, 106
 Monitoring quotas, 115
 mount, 57
 Mount points
 creating, 305
 Mount table, 52
 Mounted file systems, 52
 display (/etc/mount), 57
 Mounting a file system, 128
 mt, 312
 Multiuser administration tasks, , 38
 Multiuser mode, , 38
 automatic file system mounting, 131

N

Named pipes, 53
 NBANKS values, 341
 ND, 62
 netgroup map, 290
 netstat, 279
 Network
 rebooting, 280
 testing, 279
 Network disk array
 configuration, 62
 Network file system, 299
 Network Information Service, 289
 Network Queuing System, , 5
 networks, 288
 NFS

configuring, 299
 server daemons, 308
 NIS
 configuring, 289
 configuring users, , 296
 daemons, 293, 295
 domain, 291
 map, 290
 network information service, 289
 slave server
 configuring using menu system, , 292
 configuring without using menu
 system, , 294
 NQE
 definition, , 5
 NQS, , 5
 log file, 235
 nu, 172, 315

O

olhpa, 57
 Online documentation
 glossary, 8

P

Partial backup, 142
 Partition, 53
 data blocks, 56
 security, 17
 passwd, 315
 map, 290
 pddconf, 57
 pddstat, 57
 Periodic accounting, 242
 Peripherals, , 3
 Permissions
 setting, 15
 Physical devices

- slicing
 - layout description, 67
 - type description, 66
 - Physical security, 12
 - Planning issues
 - file systems, 57
 - Procedure
 - Adding CRAY J90 to existing network, , 276
 - Procedures
 - add users with /etc/udbgen, 201
 - adding users using /etc/nu, 188
 - back up (dump) file system by using tpdaemon, 152
 - back up (dump) file system without tpdaemon, 144
 - backing up, 142
 - building the file system, 121
 - changing /etc/nu configuration parameters, 184
 - checking file system, 125
 - configuring file systems to mount
 - automatically in multiuser mode, 131
 - configuring system as NFS client, , 301
 - configuring system as NFS server, , 306
 - configuring users to use NIS, , 296
 - creating a file system, 120
 - creating file system using /etc/nu, 186
 - delete users from UDB, 211
 - delete users with /etc/nu, 196
 - determine UDB settings, 176
 - /etc/acid
 - add entry to, 182
 - /etc/group
 - adding entry to, 181
 - identifying your system devices and file system allocation, 104
 - modify system configuration, 106
 - modify user information by using /etc/nu, 193
 - not using menus to configure system as NIS
 - slave server, , 294
 - restore full file system
 - using tpdaemon, 158
 - without tpdaemon, 147
 - restore partial file system
 - using tpdaemon, 165
 - without tpdaemon, 147
 - setting up /cshrc/profile file, 214
 - setting up /etc/profile file, 212
 - setting up CSA, 257
 - starting/stopping system daemons, , 45
 - system shutdown, , 23
 - system startup, , 19
 - transfer files to login directory, 208
 - transfer users to another file system, 215
 - UDB, summarized, 173
 - unmounting file systems, 132
 - update user logins by using /etc/udbgen, 208
 - using menus to configure system as NIS
 - slave server, , 292
 - protocols, 288
 - ps, 316
 - publickey map, 290
- Q**
- qmgr set log_file command, 235
 - qmgr show parameters command, 236
 - Quota control file
 - setting up, 111
 - Quotas
 - file system, 108
 - file systems
 - quota control file, 111
 - monitoring, 115
- R**
- rc, 315
 - rcmd, 313
 - rcoptions, 314
 - rdump utility, 135
 - Reconfiguration
 - file systems, 116

-
- Recycled
 - log files, 238
 - Recycling data, 256
 - Regular files, 53
 - reload, 312
 - Repeated logins
 - preventing, 16
 - Reports
 - daily CSA, 262
 - Resizing your console, 21
 - Resource control
 - definition, 3
 - Restore full file system
 - using tpdaemon, 158
 - without tpdaemon, 147
 - Restore partial file system
 - using tpdaemon, 165
 - without tpdaemon, 147
 - Restore/backup utilities, 134
 - Restoring, 143
 - definition, 133
 - rmdir, 316
 - root
 - password, 12
 - privileges, 11
 - root (/) file system
 - recommendations, 58
 - root file system
 - change to roota, 135
 - root PATH environment variable, 14
 - roota file system, 135
 - Run levels
 - changing, , 37
 - multiuser mode, , 38
 - single-user mode, , 37
 - strategies, , 37
 - Run-level configuration, , 36
- S**
- SAM, , 6
 - sar, 233
 - SBU, 251, 257
 - report, 260
 - Scripts
 - /bin/boot, 312
 - /bin/login, 212
 - /bin/passwd, 175
 - /bin/udbgen, 175
 - /bin/udbpl, 176
 - /bin/udbsee, 175
 - dodisk, 248
 - /etc/bcheckrc, , 29, 34
 - /etc/brc, , 29, 34
 - /etc/inittab, 30
 - /etc/rc, 26, 29, 35, 315
 - /etc/shutdown.pre, 25
 - /etc/shutdown.pst, 26
 - /etc/shutdown.sh, 26
 - /etc/shutdown, 23, 25, 29
 - IOS, 28
 - start-up, , 29
 - altering, 35
 - UDB, 175
 - UNICOS, 28
 - UNICOS shell, 29
 - SCSI disk drives, 324, 325
 - SCSI drives, 325, 326
 - sdaemon, 47
 - sdaemon command, 47
 - Security
 - basic, 11
 - partitions, 17
 - users, 15
 - services, 288
 - setdev, 315
 - setfs, 56
 - setgid, 13
 - Setting system console environment, 21
 - setuid programs, 13
 - shells, 288
 - shutdown, 25, 315
 - Shutdown information, 25
 - process, 26

- shutdown script, 25
- shutdown.pre user exit, 25
- shutdown.pst user exit, 26
- user exits, 25
- Single-user mode, , 37
- Size recommendations
 - file systems, 59
- Slave IOS
 - dumps, 344
- Slave server, 291
- Special files
 - block, character, 53
- Special messages
 - issuing, 219
- Start-up process
 - adding site-specific code, , 36
- Starting/stopping system daemons, , 45
- startup, 316
- stor, 57
- StorageTek 4220
 - cleaning, 322
- StorageTek 9914
 - cleaning, 322
- Stripe device definition, 61
- Striped file system
 - caching, 330
- su, 12
- Super block, 55
- Super-record file, 256
- Superuser
 - password security, 12
 - root, 11
- swap device
 - recommendations, 59
- Synchronous write operations, 143
- /SYS/PARAM, 61
- syslog configuration file, 226, 227
- syslog daemon, 227
 - startup, 229
- System accounting, 241
 - definition, , 4
- System activity monitoring, , 6
- System administrator

- logbook, 2
- multiuser tasks, , 38
- role, 1
- System billing
 - customizing, 251
- System billing units, 251
- System buffer cache
 - bypassing, 329
- System console
 - to correct environment, 21
- System crash log, 2
- System daemons, 45
 - /etc/config/daemons, 47
 - starting and stopping procedure, , 45
- System date
 - resetting, 34
- System devices
 - determining, 69
- System security
 - basic, 11
- System shutdown, 19
 - procedure, , 23
- System startup, 19
 - procedure, , 19

T

- Tape devices, 134
- Tape drive maintenance, 321
 - StorageTek 4220, 322
 - StorageTek 9914, 322
- Tape hardware
 - cleaning, 321
- Tape interfaces, 17
- Tape maintenance
 - DAT, 321
- Tape manipulations, 17
- Tapes
 - mounting, 150
 - preventing overwrites, 147
 - rewinding, 150

tar, 135
 TCP/IP, 275
 configuration files, 287
 definition, 4
 tcpstart.mid, 288
 Terminal error message, 21
 Terminal settings, 21
 Terminate processes
 shutdown script, 25
 Testing
 network, 279
 time, 313
 /tmp file system
 recommendations, 59
 /tmp/AC.MMDD/hhmm/Super-record, 247
 tpd daemon, 158, 165
 tpstat, 314
 Transfer files, 280
 Transmission Control Protocol/Internet Protocol
 definition, 4

U

UDB

adding user records, 173
 commands
 summarized, 175
 definition, 3
 description, 172
 determining settings, 176
 /etc/xadmin command, 172
 files
 summarized, 173
 files and commands, 171
 nu utility, 172
 procedures
 summarized, 173
 scripts
 summarized, 175
 udbgen utility, 172
 UDB fields
 Account ID field, 179

adding user records, 188
 adding users, 201
 CPU limits, 180
 definition fields, 176
 deleting users, 196, 211
 Encrypted password field, 177
 File limits, 181
 Group ID field, 178
 Login (home) directory, 179
 Login name field, 177
 Login root directory, 179
 Memory limits, 180
 Nice value, 179
 Password, 177
 private UDB example, 207
 Process limits, 180
 SDS limits, 181
 Tape limits, 181
 transfer initial files, 208
 updating information, 193
 updating user logins, 208
 User comment field, 178
 User ID field, 178
 user resource limits, 180
 User shell at login, 179
 udbgen, 316
 udbsee, 296
 using to add account ID (acid), , 210
 UID, 300
 umask, 15
 UNICOS
 characteristics, 2
 configuration files, 28
 definition of, 2
 dumps, 343
 file system structure, 54
 IOS and UNICOS toggle
 CONTROL-a, 317
 menu system, , 5
 online glossary, , 8
 panics, 343
 shell scripts, 29

- system daemons, 45
- unique features, , 2
- Unified Resource Manager (URM)
 - definition, , 4
- UNIX commands, 17
- UNIX System V accounting, 241
- Unmount file systems
 - shutdown script, 25
- Unmounted file systems, 52
- Unmounting file systems, 132
- Uptime/boot period, 243
- User accounts
 - definition fields, 176
- User database, 172
- User exits
 - shutdown.mid, 25
 - shutdown.pre, 25, 27
 - shutdown.pst, 26
- User groups, 16
- User mail files
 - cleaning up, 239
- User resource limits
 - setting, 180
- User security, 15
 - file-owner fraud, 16
 - groups, 16
- Users
 - adding, 188
 - deleting, 196, 211
 - setting up environment, 212, 214
 - transferring to another file system, 215
 - update logins, 208
 - updating information, 193
- usr file system
 - change to usra, 135
- /usr file system
 - recommendations, 58
 - /usr/adm, 247
 - /usr/adm/acct/day, 245
 - /usr/adm/acct/day/pacct, 246
 - /usr/adm/acct/fiscal, 245
 - /usr/adm/acct/fiscal/data, 247
 - /usr/adm/acct/nite, 245, 251
 - /usr/adm/acct/nite/statefile, 246
 - /usr/adm/acct/sum, 245
 - /usr/adm/acct/work, 246
 - /usr/adm/errfile, , 236
 - /usr/adm/nu.log, , 232
 - /usr/adm/sl/slogfile, , 233
 - /usr/adm/sulog, 231
 - /usr/lib/acct, 244
 - /usr/lib/acct/ckdacct, 248
 - /usr/lib/acct/csarun, 260
 - /usr/lib/acct/holidays, 261
 - /usr/lib/cron/cronlog, , 234
 - /usr/lib/cron/OLDLOG, 235
 - /usr/lib/sa, 233
 - /usr/news, 220
 - /usr/spool/ccflogs, 238
 - /usr/spool/cron/crontabs/root, 260
 - /usr/spool/dm/*, , 237
 - /usr/spool/msg/msglog.log, 234
 - /usr/spool/nqs/log, 235
 - /usr/src file system
 - recommendations, 59
 - /usr/tmp/nqs.log, , 235
 - /usr/ucb/logger, 227
 - usra file system, 135

V

- VERIFY, 253
- Verifying data files, 255
- version, 313

W

- wall command, 218
- Warning windows, 114
- whatmic, 312
- who, 316
- write
 - using, 221

wtmp
 fixing errors in, 254

WTMPFIX, 253

WYSE terminal

 if console does not respond, 21

ypinit, 293

yppasswd, 297

ypwhich command, 294

Y

Yellow Pages, 289