

Index

A

- adapter
 - back panel, 2, 29
 - changing OpenBoot device names, 8
 - environmental specifications, 26
 - examining network activity, 7
 - features, 2
 - illustration, 1
 - installing, 5
 - performance specifications, 27
 - physical dimensions, 25
 - power requirements, 26
 - SunDiag diagnostics, 47
 - SunVTS diagnostics, 47
 - testing, 50
 - verifying installation, 6
- auto-negotiation, 23, 37, 42

B

- back panel, illustrated, 2
- boot -r command, 10
- booting
 - a diskless client system, 15
 - from the network, 14
 - reconfiguration, 10

C

- checking OpenBoot revision, 3
- configuring qfe driver parameters, 31

D

- declaration of conformity, v
- diagnostics, 47 to 53
- driver parameters, 32
 - configuring, 31 to 46
- driver_aliases file, editing, 15, 18

E

- editing
 - .usertest file, 48
 - /etc/hostname.qfe# files, 12
 - /etc/hosts file, 13
 - /etc/system file, 21, 43
 - driver_aliases file, 15, 18
 - name_to_major file, 15, 17
 - qfe.conf file, 21, 44
- environmental specifications, 26
 - /etc/hostname.qfe# file, editing, 12
 - /etc/hosts file, editing, 13
 - /etc/system file, setting parameters, 43

F

- FCode selftest diagnostic, 51
- forcing network speed, 35, 42
- full-duplex operation mode, 23

H

half-duplex operation mode, 23

`/etc/hostname.qfe#` file, editing, 12

`/etc/hosts` file, editing, 13

I

installing

adapter into the system, 5

driver software from the CD-ROM, 11

Solaris environment, 20

Solaris over the network, 17

verifying adapter installation, 6

internal transceiver, 31, 36

inter-packet gap driver parameters, 33, 34, 44

IPG parameters, 33, 34, 44

L

`lance_mode` programmable mode, 34

`local-mac-address` property, 23

`local-mac-address?` variable, 24

M

MAC address, 23

N

`name_to_major` file, editing, 15, 17

`ndd` utility, 21

auto-negotiation mode, 42

interactive mode, 40

listing `qfe` parameters, 41

non-interactive mode, 40

selecting a device, 39

setting forced mode, 42

setting `qfe` parameters, 38

net-installing the Solaris environment, 17

`nettest` diagnostic, 48

network speed, forcing between 10 and 100

Mbps, 35, 42

nibble time delay, 34

`nvedit` command, 8, 22

O

OpenBoot PROM

`.version` command, 3

changing device names, 8

`selftest`, 50 to 53

operation mode

full-duplex, 23

half-duplex, 23

ordering Sun documentation, xiv

P

parameters, setting, 31 to 46

`path_to_inst` output, 12, 39

performance specifications, 27

physical dimensions, 25

pin descriptions, 29

power requirements, 26

Q

`qfe` driver

adding an additional delay, 34

configuring parameters, 20, 31 to 46

defining current status, 33

inter-packet gap parameters, 33

`lance_mode`, 34

max. number of back-to-back packets, 36

operational mode parameters, 35

parameters, 32

reporting

link partner capabilities, 37

transceiver capabilities, 36

setting parameters, 38

in the `/etc/system` file, 43

using the `qfe` file, 44

R

rebooting system, 10, 14

reconfiguration boot, 10

related documents, xii
ordering, xiv
RJ-45 connectors, 29, 31

S

setting `qfe` driver parameters, 38
`show-devs` command output, 6, 8, 51
after changing device names, 9
before changing device names, 8
`show-devs` output, 14
software
adding an additional delay, 34
auto-negotiation, 23
configuring
driver parameters, 20, 31 to 46
configuring hostfiles, 11 to 13
installation, 11
`lance_mode`, 34
`local-mac-address` property, 23
`qfe` driver parameters, 32
supported Solaris environments, 3
Solaris 2.4
changing OpenBoot device names, 8
specifications, 25 to 27
SunDiag diagnostics, 47
SunDocs, xiv
SunVTS diagnostics, 47
SUNW, `qfe` devices, 20, 31, 38
supported
hardware platforms, 3
software environments, 3
`/etc/system` file, setting parameters, 43

T

`test` command, 52
testing the adapter, 50

U

`.usertest` file, editing, 48

V

verifying adapter installation, 6
`.version` command, 4

W

`watch-net-all` command, 7

