

A

accessory kit contents 1
 airflow
 Catalyst 4948E switches 3
 site environment 2
 within the chassis 6
 altitude, operating 3

B

blank faceplate 8
 brackets
 cable 6
 mounting 4

C

cable guide 6
 Catalyst 4948E switches
 airflow 3
 chassis dimensions 3
 environmental specifications 3
 physical characteristics 3
 specifications 3
 checklist, site planning 9
 console port
 location 2, 4
 pinouts 1
 customer service 4

D

dimensions, chassis 3
 documentation
 audience 1
 conventions 4
 organization 1
 related 2

E

electrostatic discharge (ESD) 9
 EMI recommendations 3
 environmental requirements 1
 environmental specifications 3

F

fan assemblies
 installing 22
 removing 21
 replacing 21
 verifying installation 22
 FAN OK LED
 checking 21
 fan tray
 cooling 6
 failure 7
 status LED 6
 FRUs
 fan assemblies 21–22
 power supplies 19–21

G

GOOD LEDs
 checking 21
 grounding requirement, DC systems 7

H

hardware description
 power supply 7
 heat dissipation
 determining 3
 heat dissipation, chassis 3
 hot swapping
 fan assemblies 21

humidity 3
 operating 3

I

installing
 fan assemblies 21–22
 power supplies 20–21

installing the switch
 guidelines 2
 lifting 3
 procedure 4
 safety overview 7
 tools required 4
 troubleshooting 1

L

label, chassis serial number 4

LEDs
 locations 5
 meanings 5
 power supply 2

M

management port pinout 2

O

operating temperature, chassis 3

P

physical characteristics
 Catalyst 4948E 3

pinout
 management port 2

port status LED 5

P

power
 connecting 7, 9
 DC grounding requirements 7
 determining power requirements and heat dissipation 3
 EMI recommendations 3
 general requirements 2
 management 8
 specifications 4, 5
 troubleshooting 2
 warnings and cautions 2

power supplies
 installing 20
 replacing 20
 verifying operation 21

power supply
 environmental monitoring 8
 LEDs 6, 2
 overview 7
 redundancy 7
 specifications 4, 5
 troubleshooting 3, 4

R

rack-mounting 2

redundancy
 power supply 7

replacing
 fan assemblies 22
 power supplies 20–21

S

safety
 ensuring safety 7
 overview 7
 translated safety warnings 1

screws 4

serial number, chassis 4

- show system command 21
- site planning
 - checklist 9
 - DC grounding requirement 7
 - EMI recommendations 3
 - environmental requirements 1
 - general requirements 2
 - overview 1
 - warnings and cautions 2
- specifications
 - AC Power 4
 - DC Power 5
- specifications, chassis 3
- startup sequence 2
- status LED 5
- storage 3
- storage temperature, chassis 3
- system specifications 1

T

- temperature
 - chassis operating 3
- temperature thresholds 1
- temperature, storage 3
- troubleshooting
 - contacting customer service 4
 - initial boot 1
 - methodology 2
 - power supply 3, 4
 - startup 2
- typographical conventions 4

W

- warnings
 - translated safety warnings 1
- weight, chassis 3

