



A

AAA authentication for immediate auto updates [2-4](#)

ACS

privileges [B-1](#)

roles and permissions [1-3](#)

user roles [B-3](#)

Adaptive Security Device Manager (ASDM)

adding images [3-2](#)

assigning to multiple devices [4-4](#)

assigning to single device [4-3](#)

configuring image boot order [C-2](#)

deleting images [3-3](#)

errors adding image files [A-4](#)

managing image file assignments [4-1](#)

managing images [3-1](#)

starting [2-7](#)

viewing device assignments [4-2, 4-3](#)

viewing image list [3-1](#)

API Reader role [B-3](#)

API Writer role [B-3](#)

Approver role [B-2](#)

ASA devices

adding manually [2-3](#)

adding software images [3-2](#)

adding through Security Manager [1-3](#)

adding to Security Manager [1-9](#)

assigning files [4-3, 4-4](#)

blocking auto updates [2-7](#)

bootstrapping to work with AUS [C-1](#)

configuring image boot order [C-2](#)

credentials for contacting AUS [2-3](#)

deleting [2-6](#)

deleting software images [3-3](#)

editing properties [2-3](#)

errors adding image files [A-4](#)

managing [2-1](#)

managing image file assignments [4-1](#)

modifying polling period [2-5](#)

policy restrictions [1-10](#)

supported [1-1](#)

updating configuration files [1-8](#)

using NAT [1-2](#)

viewing configuration files [3-3](#)

viewing image file assignments [4-2, 4-3](#)

viewing summary [2-1](#)

AUS_IMMEDIATE_FAILURE events [5-3](#)

AUS_IMMEDIATE_SUCCESS events [5-3](#)

AUS policy in Security Manager, configuring [1-10](#)

AUS Remote Interface role [B-3](#)

authentication errors [A-2](#)

Auto Update Immediate

credential requirements [2-4](#)

HTTPS port number requirement [2-6](#)

performing [2-6](#)

auto updates

canceling a schedule [2-5](#)

disabling or blocking [2-7](#)

immediately updating configurations [2-6](#)

modifying polling period [2-5](#)

scheduling [2-4](#)

auto update schedule types

any time [2-4, 2-5](#)

daily [2-4](#)

never [2-5](#)

one time [2-4](#)

weekly [2-4](#)

Auto Update Server

ACS roles [B-3](#)
 adding devices [1-3](#)
 adding to Security Manager [1-9](#)
 checking connection to devices [A-6](#)
 CiscoWorks roles [B-2](#)
 credentials for device contact [2-3](#)
 database backup and recovery [1-3](#)
 deploying configuration files [1-8](#)
 device support [1-1](#)
 error messages [A-6](#)
 getting started [1-1](#)
 logging into or exiting [1-5](#)
 overview [1-1](#)
 policy restrictions [1-10](#)
 privileges [B-1](#)
 understanding event types [5-2](#)
 usage statistics [5-1](#)
 user account, configuring [2-3](#)
 user interface overview [1-7](#)
 using NAT [1-2](#)

B

browser-server security [1-6](#)

C

Cisco Security Management Suite server, logging into or exiting [1-5](#)

CiscoWorks Common Services

logging into or exiting [1-5](#)
 roles and permissions [1-3](#)
 user roles [B-2](#)

configuration files

assigning to device [4-3](#)
 deleting [3-3](#)
 immediately updating [2-6](#)

managing [3-1](#)

policy restrictions [1-10](#)

preventing a device from downloading [A-5](#)

troubleshooting errors [A-6](#)

troubleshooting errors adding [A-4](#)

troubleshooting files not current [A-3](#)

updating [1-8](#)

viewing [3-3](#)

viewing device assignments [4-2, 4-3](#)

viewing list [3-1](#)

CONNECT_FAILURE events [5-3](#)

CONNECT_SUCCESS events [5-3](#)

credentials

editing device [2-3](#)

enable password [2-4](#)

requirements for device contacting AUS [2-3](#)

TACACS+ [2-4](#)

troubleshooting [A-2](#)

D

daemon manager, restarting [1-6](#)

database, backup and recovery [1-3](#)

DEVICE_CONFIG_ERROR events [5-3](#)

device managers, starting [2-7](#)

devices

adding manually [2-3](#)

adding through Security Manager [1-3](#)

assigning files [4-3, 4-4](#)

blocking updates [2-7](#)

bootstrapping to work with AUS [C-1](#)

checking connection with AUS [A-6](#)

configuring image boot order [C-2](#)

credentials for contacting AUS [2-3](#)

deleting [2-6](#)

device properties [2-2](#)

editing properties [2-3](#)

managing [2-1](#)

managing image file assignments [4-1](#)

- modifying polling period [2-5](#)
- rebooting after image update [A-5](#)
- supported [1-1](#)
- troubleshooting
 - image files that are not current [A-4](#)
 - immediate auto updates [A-3](#)
 - not appearing in list [A-1](#)
 - not contacting AUS [A-2](#)
 - repeatedly downloads same file [A-5](#)
- viewing image file assignments [4-2, 4-3](#)
- viewing summary [2-1](#)

DOWNLOAD_FAILURE events [5-3](#)

DOWNLOAD_SUCCESS events [5-3](#)

E

- editing [2-3](#)
- enable credentials
 - authentication for immediate updates [2-4](#)
 - editing [2-3](#)
- error messages [A-6](#)
- event failure summary report [5-4](#)
- event report [5-4](#)
- event success summary report [5-5](#)
- event types [5-2](#)

F

- files
 - adding [3-2](#)
 - assigning to multiple devices [4-4](#)
 - assigning to single device [4-3](#)
 - deleting [3-3](#)
 - managing [3-1](#)
 - managing assignments [4-1](#)
 - policy restrictions [1-10](#)
 - troubleshooting errors adding [A-4](#)
 - updating [1-8](#)

- viewing configuration [3-3](#)
- viewing device assignments [4-2, 4-3](#)
- viewing list [3-1](#)

G

GENERAL_DEVICE_ERROR events [5-3](#)

greyed out buttons [A-5](#)

GUI Reader role [B-3](#)

GUI Writer role [B-3](#)

H

Help Desk role

- ACS [B-3](#)

- CiscoWorks [B-2](#)

HTTPS port number

- requirements for immediate auto update [2-6](#)

- requirements for starting device managers [2-7](#)

I

image files

- adding [3-2](#)

- assigning to multiple devices [4-4](#)

- assigning to single device [4-3](#)

- deleting [3-3](#)

- managing [3-1](#)

- managing assignments [4-1](#)

- viewing device assignments [4-2, 4-3](#)

- viewing list [3-1](#)

immediate auto updates

- credential requirements [2-4](#)

- HTTPS port number requirement [2-6](#)

- performing [2-6](#)

- troubleshooting [A-3](#)

M

messages, error [A-6](#)
 mode requirements [1-1](#)

N

NAT, configuring settings [1-2](#)
 Network Administrator role
 ACS [B-3](#)
 CiscoWorks [B-2](#)
 Network Operator role
 ACS [B-3](#)
 CiscoWorks [B-2](#)
 no contact since report [5-6](#)

P

PIX Device Manager (PDM)
 adding images [3-2](#)
 assigning to multiple devices [4-4](#)
 assigning to single device [4-3](#)
 deleting images [3-3](#)
 errors adding image files [A-4](#)
 managing image file assignments [4-1](#)
 managing images [3-1](#)
 starting [2-7](#)
 viewing device assignments [4-2, 4-3](#)
 viewing image list [3-1](#)
 PIX firewalls
 adding manually [2-3](#)
 adding software images [3-2](#)
 adding through Security Manager [1-3](#)
 adding to Security Manager [1-9](#)
 assigning files [4-3, 4-4](#)
 blocking updates [2-7](#)
 bootstrapping to work with AUS [C-1](#)
 configuring image boot order [C-2](#)
 credentials for contacting AUS [2-3](#)

 deleting [2-6](#)
 deleting software images [3-3](#)
 editing properties [2-3](#)
 errors adding image files [A-4](#)
 managing [2-1](#)
 managing image file assignments [4-1](#)
 modifying polling period [2-5](#)
 policy restrictions [1-10](#)
 supported [1-1](#)
 updating configuration files [1-8](#)
 using NAT [1-2](#)
 viewing configuration files [3-3](#)
 viewing image file assignments [4-2, 4-3](#)
 viewing summary [2-1](#)
 polling interval, modifying [2-5, C-2](#)

R

reports
 event failure summary report [5-4](#)
 event report [5-4](#)
 event success summary report [5-5](#)
 no contact since report [5-6](#)
 overview [5-1](#)
 system information report [5-1](#)
 understanding event types [5-2](#)

S

security, enabling SSL [1-6](#)
 security context limitations [1-1](#)
 Security Manager
 adding devices to AUS [1-3](#)
 deploying configuration files [1-8](#)
 modifying polling period [2-5](#)
 policy restrictions when using with AUS [1-10](#)
 single-context mode requirements [1-1](#)
 software images

- adding [3-2](#)
- assigning to multiple devices [4-4](#)
- assigning to single device [4-3](#)
- configuring boot order [C-2](#)
- deleting [3-3](#)
- managing [3-1](#)
- managing assignments [4-1](#)
- troubleshooting assigning two images to same device [A-5](#)
- troubleshooting errors adding files [A-4](#)
- viewing device assignments [4-2, 4-3](#)
- viewing list [3-1](#)

SSL, enabling on the server [1-6](#)

statistics for past 24 hours [5-1](#)

SYSTEM_ERROR events [5-3](#)

System Administrator role

- ACS [B-3](#)
- CiscoWorks [B-2](#)

system information report [5-1](#)

T

TACACS+ credentials [2-3, 2-4](#)

troubleshooting

- assigning two images to same device [A-5](#)
- AUS startup problems [A-5](#)
- authentication errors [A-2](#)
- checking connection between device and AUS [A-6](#)
- configuration errors [A-6](#)
- device not appearing in list [A-1](#)
- device not contacting AUS [A-2](#)
- device reboot after image update [A-5](#)
- device repeatedly downloads same file [A-5](#)
- error messages [A-6](#)
- errors adding configuration files [A-4](#)
- errors adding files [A-4](#)
- greyed out buttons [A-5](#)
- image files that are not current [A-4](#)
- immediate auto updates [A-3](#)

- performance issues when requesting multiple devices contact AUS [2-7](#)
- preventing a device from downloading a configuration file [A-5](#)

types, understanding event [5-2](#)

U

updates

- blocking [2-7](#)
- credential requirements for update now [2-4](#)
- performing immediate auto updates [2-6](#)

update schedules

- any time schedules [2-4, 2-5](#)
- canceling [2-5](#)
- configuring [2-4](#)
- daily schedules [2-4](#)
- managing [2-1](#)
- never schedules [2-5](#)
- one time schedules [2-4](#)
- viewing summary [2-1](#)
- weekly schedules [2-4](#)

URN for AUS [5-1](#)

usage statistics [5-1](#)

user interface overview [1-7](#)

username, for AUS contact [2-3](#)

user roles and permissions

- ACS [B-3](#)
- AUS [B-1](#)
- CiscoWorks [B-2](#)
- supported [1-3](#)

