



---

## 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](#)

