Getting Started

Is this Guide for You?

Upgrades can be major (A.x), maintenance (A.x.y), or patch (A.x.y.z) releases. We also may provide hotfixes, which are minor updates that address particular, urgent issues.

Additional Resources

If you are upgrading a different platform/component, upgrading to/from a different version, or are using a cloud-based manager, see one of these resources.

Table 1: Upgrade Guides for FMC

Current FMC Version	Guide
7.2+	Cisco Secure Firewall Threat Defense Upgrade Guide for Management Center for your version
7.1	Cisco Firepower Threat Defense Upgrade Guide for Firepower Management Center, Version 7.1
7.0 or earlier	Cisco Firepower Management Center Upgrade Guide, Version 6.0–7.0

Table 2: Upgrade Guides for FTD with FMC

Current FMC Version	Guide
Cloud-delivered Firewall Management Center	Cisco Secure Firewall Threat Defense Upgrade Guide for Cloud-Delivered Firewall Management Center
7.2+	Cisco Secure Firewall Threat Defense Upgrade Guide for Management Center for your version

Current FMC Version	Guide
7.1	Cisco Firepower Threat Defense Upgrade Guide for Firepower Management Center, Version 7.1
7.0 or earlier	Cisco Firepower Management Center Upgrade Guide, Version 6.0–7.0

Table 3: Upgrade Guides for FTD with FDM

Current FTD Version	Guide
7.2+	Cisco Secure Firewall Threat Defense Upgrade Guide for Device Manager for your version
7.1	Cisco Firepower Threat Defense Upgrade Guide for Firepower Device Manager, Version 7.1
7.0 or earlier	Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager for your version: *System Management* For the Firepower 4100/9300, also see the FXOS upgrade instructions in Cisco Firepower 4100/9300 Upgrade Guide, FTD 6.0.1–7.0.x or ASA 9.4(1)–9.16(x) with FXOS 1.1.1–2.10.1.
Version 6.4+, with CDO	Managing FDM Devices with Cisco Defense Orchestrator

Table 4: Upgrade Other Components

Version	Component	Guide
Any	ASA logical devices on the Firepower 4100/9300	Cisco Secure Firewall ASA Upgrade Guide
Latest	BIOS and firmware for FMC	Cisco Secure Firewall Threat Defense/Firepower Hotfix Release Notes
Latest	Firmware for the Firepower 4100/9300	Cisco Firepower 4100/9300 FXOS Firmware Upgrade Guide

Planning Your Upgrade

Table 5: Upgrade Planning Phases

Planning Phase	Includes
Planning and Feasibility	Assess your deployment.
	Plan your upgrade path.
	Read *all* upgrade guidelines and plan configuration changes.
	Check appliance access.
	Check bandwidth.
	Schedule maintenance windows.
Backups	Back up FXOS on the Firepower 4100/9300.
Upgrade Packages	Download upgrade packages from Cisco.
	Upload upgrade packages to the system.
Associated Upgrades	Upgrade virtual hosting in virtual deployments.
	Upgrade firmware on the Firepower 4100/9300.
	Upgrade FXOS on the Firepower 4100/9300.
Final Checks	Check configurations.
	Check NTP synchronization.
	Deploy configurations.
	Run readiness checks.
	Check disk space.
	Check running tasks.
	Check deployment health and communications.

Upgrade Feature History

For Assistance

Upgrade Guides

In management center deployments, the management center must run the same or newer version as its managed devices. Upgrade the management center first, then devices. Note that you always want to use the upgrade

guide for the version of management center or device manager that you are *currently* running—not your target version.

Table 6: Upgrade Guides

Platform	Upgrade Guide	Link
Management center	Management center version you are *currently* running.	https://www.cisco.com/go/fmc-upgrade
Threat defense with management center	Management center version you are *currently* running.	https://www.cisco.com/go/ftd-fmc-upgrade
Threat defense with device manager	Threat defense version you are *currently* running.	https://www.cisco.com/go/ftd-fdm-upgrade
Threat defense with cloud-delivered Firewall Management Center	Cloud-delivered Firewall Management Center.	https://www.cisco.com/go/ftd-cdfmc-upgrade

Install Guides

If you cannot or do not want to upgrade, you can freshly install major and maintenance releases. This is also called *reimaging*. You cannot reimage to a patch. Install the appropriate major or maintenance release, then apply the patch. If you are reimaging to an earlier threat defense version on an FXOS device, perform a full reimage—even for devices where the operating system and software are bundled.

Table 7: Install Guides

Platform	Install Guide	Link
Management center hardware	Getting started guide for your management center hardware model.	https://www.cisco.com/go/fmc-install
Management center virtual	Getting started guide for the management center virtual.	https://www.cisco.com/go/fmcv-quick
Threat defense hardware	Getting started or reimage guide for your device model.	https://www.cisco.com/go/ftd-quick
Threat defense virtual	Getting started guide for your threat defense virtual version.	https://www.cisco.com/go/ftdv-quick
FXOS for the Firepower 4100/9300	Configuration guide for your FXOS version, in the *Image Management* chapter.	https://www.cisco.com/go/firepower9300-config
FXOS for the Firepower 1000 and Secure Firewall 3100	Troubleshooting guide, in the *Reimage Procedures* chapter.	Cisco FXOS Troubleshooting Guide for the Firepower 1000/2100 and Secure Firewall 3100/4200 with Firepower Threat Defense

More Online Resources

Cisco provides the following online resources to download documentation, software, and tools; to query bugs; and to open service requests. Use these resources to install and configure Cisco software and to troubleshoot and resolve technical issues.

- Documentation: http://www.cisco.com/go/ftd-docs

- Cisco Support & Download site: https://www.cisco.com/c/en/us/support/index.html

- Cisco Bug Search Tool: https://tools.cisco.com/bugsearch/

- Cisco Notification Service: https://www.cisco.com/cisco/support/notifications.html

Access to most tools on the Cisco Support & Download site requires a Cisco.com user ID and password.

Contact Cisco

If you cannot resolve an issue using the online resources listed above, contact Cisco TAC:

- Email Cisco TAC: tac@cisco.com

- Call Cisco TAC (North America): 1.408.526.7209 or 1.800.553.2447

- Call Cisco TAC (worldwide): Cisco Worldwide Support Contacts