Cisco Secure Firewall Management Center Feature Licenses

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The Cisco Secure Firewall Management Center feature license type required depends on the software running on the managed device. Secure Firewall Threat Defense devices use Smart licenses, while all other devices use Classic licenses. The Firewall Management Center hardware does not require a license, but the Secure Firewall Management Center Virtual requires an entitlement for each device it will manage. For managed device hardware that is not running Firewall Threat Defense software, see the documentation for your software product.

Firewall Management Center Licensing

Table 1: License Requirements for Firewall Management Center Hardware Model or Virtual Platform

Firewall Management Center Hardware Model or Virtual Platform	License Requirements
Firewall Management Center hardware (all models)	No license is required for Firewall Management Center hardware. The Firewall Management Center can manage devices that use both Smart and Classic licenses.

Firewall Management Center Hardware Model or Virtual Platform	License Requirements
Firewall Management Center Virtual (all platforms)	Firewall Management Center Virtual requires an individual license for each device it manages. From Version 6.7, each registered device in an Firewall Management Center Virtual high-availability pair must have its own license. Although only the active Firewall Management Center Virtual registers with Cisco Smart Software Manager at any time, entitlement usage accounts for both Firewall Management Center Virtuals in the HA pair. Entitlement calculation for FMCv HA pairs: FMCv entitlement = Number of FMCv peers in the HA pair x Number of managed devices Licensing examples: • Single FMCv HA pair managing 2 Threat Defense devices: 4 Firepower MCv Device Licenses (2x2) • Two FMCv HA pairs managing 2 Threat Defense devices each: 8 Firepower MCv Device Licenses (2x4)

Table 2: Smart Licenses

License You Assign	Duration	Granted Capabilities
Essentials	Perpetual or Subscription **Note** Essentials subscription licenses are supported only on Threat Defense Virtual.	Except for Specific License Reservation and the Secure Firewall 3100, Essentials perpetual licenses are automatically assigned with all threat defense devices. User and application control Switching and routing NAT For details, see Essentials Licenses.
IPS	Subscription	Intrusion detection and prevention File control Security Intelligence filtering For details, see IPS Licenses.

License You Assign	Duration	Granted Capabilities
Malware defense	Subscription	Malware defense Secure Malware Analytics File storage (IPS license is a prerequisite for a Malware defense license.) For details, see Malware Defense Licenses.
Carrier	Subscription for Firepower 4100/9300, Secure Firewall 3100, and Threat Defense Virtual	Diameter, GTP/GPRS, M3UA, and SCTP inspection For details, see Carrier License.
URL Filtering	Subscription	Category and reputation-based URL filtering For details, see URL Filtering Licenses. (IPS license is a prerequisite for a URL Filtering license.)
Management Center Virtual	• Regular Smart Licensing—Perpetual • Specific License Reservation—Subscription	The platform license determines the number of devices the management center virtual can manage. For details, see Management Center Virtual Licenses.
Export-Controlled Features	Perpetual	Features that are subject to national security, foreign policy, and anti-terrorism laws and regulations; see Licensing for Export-Controlled Functionality.
Remote Access VPN: • Secure Client Premier • Secure Client Advantage • Secure Client VPN Only	Subscription or perpetual	Remote access VPN configuration. Your account must allow export-controlled functionality to configure remote access VPN. You select whether you meet export requirements when you register the device. The threat defense can use any valid Secure Client license. The available features do not differ based on license type. For more information, see Secure Client Licenses.

Required License Type (Smart or Classic) for Managed Devices

Generally, it is the software, not the hardware, that determines whether your device requires a Classic or Smart License.

Note Some hardware supports either Classic or Smart Licenses, depending on the software running on the device. Make sure you purchase and activate the correct license type for your software.

For details, see licensing information for the software product that will run on the device.

If you activate the wrong license type, contact Cisco TAC.

Use the information below to determine whether your product requires Classic or Smart Licenses.

Table 3: Summary: Required License Type for Firepower Devices

Software	Required License Type
Firewall Threat Defense	Smart
ASA FirePOWER module **Note** The ASA runs separate software from the FirePOWER module; licensing for the ASA is not covered in this guide.	Classic
NGIPS devices	Classic

Table 4: Required License Type by Hardware or Virtual Device Model

Device Hardware Model or Virtual Platform	NGIPS Software	Firewall Threat Defense Software	ASA FirePOWER Software
Cisco NGIPS for Blue Coat X-Series	Classic	—	—
3D500, 3D1000, 3D2000 3D2100, 3D2500, 3D3500, 3D4500, 3D6500 (EOL) 3D9900 (EOL)	Classic	—	—
Firepower 7010, 7020, 7030, 7050 Firepower 7110, 7115 7120, 7125 AMP7150	Classic	—	—
Firepower 8120, 8130, 8140 Firepower 8250, 8260, 8270, 8290 Firepower 8350, 8360, 8370, 8390 AMP8050, AMP8150, AMP8350	Classic	—	—
NGIPSv	Classic	—	—

Device Hardware Model or Virtual Platform	NGIPS Software	Firewall Threat Defense Software	ASA FirePOWER Software
Firewall Threat Defense Virtual	—	Smart	—
ASA 5506-X, ASA 5506H-X, ASA 5506W-X, ASA 5508-X, ASA 5516-X	—	Smart	Classic
ISA 3000 For supported software versions on this hardware, see the Compatibility Matrix at https://www.cisco.com/c/en/us/support/security/defense-center/products-device-support-tables-list.html.	—	Smart Versions 6.2.3 and 6.3 support Threat license only. Support for Specific License Reservation was introduced in 6.4.	Classic
ASA 5512-X, ASA 5515-X, ASA 5525-X, ASA 5545-X, ASA 5555-X	—	Smart	Classic
ASA 5585-X	—	—	Classic
Firepower 1010 Firepower 1100 Series Firepower 2100 Series Firepower 4100 Series Firepower 9300	—	Smart	—
Secure Firewall 3100 Series Secure Firewall 200 Series Secure Firewall 6100 Series	—	Smart	—

Licensing Instructions by Version

Use this table to find feature license instructions by version.

Software Version	Device Type	Licensing Information For
10.0	Firewall Threat Defense	• The threat defense managed by the Firewall Management Center: The "Licenses" chapter in the *Secure Firewall Management Center Administration Guide* for version 10.0, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/100/management-center-admin-10-0/system-licenses.html This chapter includes information about Specific License Reservation. • The threat defense managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Secure Firewall Device Manager Configuration Guide* for version 10.0, at https://www.cisco.com/c/en/us/td/docs/security/firepower/10-0/fdm/fptd-fdm-config-guide-10-0/fptd-fdm-license.html
7.7	Firewall Threat Defense	• The threat defense managed by the Firewall Management Center: The "Licenses" chapter in the *Secure Firewall Management Center Administration Guide* for version 7.7, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/770/management-center-admin-77/system-licenses.html This chapter includes information about Specific License Reservation. • The threat defense managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Secure Firewall Device Manager Configuration Guide* for version 7.7, at https://www.cisco.com/c/en/us/td/docs/security/firepower/770/fdm/fptd-fdm-config-guide-770/fptd-fdm-license.html
7.6	Firewall Threat Defense	• The threat defense managed by the Firewall Management Center: The "Licenses" chapter in the *Secure Firewall Management Center Administration Guide* for version 7.6, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/760/management-center-admin-76/system-licenses.html This chapter includes information about Specific License Reservation. • The threat defense managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Secure Firewall Device Manager Configuration Guide* for version 7.6, at https://www.cisco.com/c/en/us/td/docs/security/firepower/760/fdm/fptd-fdm-config-guide-760/fptd-fdm-license.html

Software Version	Device Type	Licensing Information For
7.4	Firewall Threat Defense	• The threat defense managed by the Firewall Management Center: The "Licenses" chapter in the *Secure Firewall Management Center Administration Guide* for version 7.4, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/740/management-center-admin-74/system-licenses.html This chapter includes information about Specific License Reservation. • The threat defense managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Secure Firewall Device Manager Configuration Guide* for version 7.4, at https://www.cisco.com/c/en/us/td/docs/security/firepower/740/fdm/fptd-fdm-config-guide-740/fptd-fdm-license.html
7.3	Firewall Threat Defense	• The threat defense managed by the Firewall Management Center: The "Licenses" chapter in the *Secure Firewall Management Center Administration Guide* for version 7.3, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/730/management-center-admin-73/system-licenses.html This chapter includes information about Specific License Reservation. • The threat defense managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Secure Firewall Device Manager Configuration Guide* for version 7.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/730/fdm/fptd-fdm-config-guide-730/fptd-fdm-license.html
7.2	Firewall Threat Defense	• The FTD, managed by the Firewall Management Center: The "Licenses" chapter in the *Secure Firewall Management Center Administration Guide* for version 7.2, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/720/management-center-admin-72/system-licenses.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Secure Firewall Device Manager Configuration Guide* for version 7.2, at https://www.cisco.com/c/en/us/td/docs/security/firepower/720/fdm/fptd-fdm-config-guide-720/fptd-fdm-license.html

Software Version	Device Type	Licensing Information For
7.1	FTD	• The FTD, managed by the Firewall Management Center: The "Licenses" chapter in the *Firepower Management Center Administration Guide* for version 7.1, at https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/admin/710/management-center-admin-71/system-licenses.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 7.1, at https://www.cisco.com/c/en/us/td/docs/security/firepower/710/fdm/fptd-fdm-config-guide-710/fptd-fdm-license.html
7.0	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 7.0, at https://www.cisco.com/c/en/us/td/docs/security/firepower/70/configuration/guide/fpmc-config-guide-v70/licensing_the_firepower_system.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 7.0, at https://www.cisco.com/c/en/us/td/docs/security/firepower/70/fdm/fptd-fdm-config-guide-700/fptd-fdm-license.html
	All other supported devices	• Cisco ASA with FirePOWER Services and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 7.0, at https://www.cisco.com/c/en/us/td/docs/security/firepower/70/configuration/guide/fpmc-config-guide-v70/licensing_the_firepower_system.html • Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 7.0, at https://www.cisco.com/c/en/us/td/docs/security/firepower/70/asa-fp-services/asafps-local-mgmt-config-guide-v70/licensing_the_asa_firepower_module.html

Software Version	Device Type	Licensing Information For
6.7	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.7, at https://www.cisco.com/c/en/us/td/docs/security/firepower/670/configuration/guide/fpmc-config-guide-v67/licensing_the_firepower_system.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 6.7, at https://www.cisco.com/c/en/us/td/docs/security/firepower/670/fdm/fptd-fdm-config-guide-670/fptd-fdm-license.html
	All other supported devices	• Cisco ASA with FirePOWER Services and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.7, at https://www.cisco.com/c/en/us/td/docs/security/firepower/670/configuration/guide/fpmc-config-guide-v67/licensing_the_firepower_system.html • Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 6.7, at https://www.cisco.com/c/en/us/td/docs/security/firepower/670/asa-fp-services/asafps-local-mgmt-config-guide-v67/licensing_the_asa_firepower_module.html

Software Version	Device Type	Licensing Information For
6.6	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.6, at https://www.cisco.com/c/en/us/td/docs/security/firepower/660/configuration/guide/fpmc-config-guide-v66/licensing_the_firepower_system.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 6.6, at https://www.cisco.com/c/en/us/td/docs/security/firepower/660/fdm/fptd-fdm-config-guide-660/fptd-fdm-license.html
	All others	• Cisco ASA with FirePOWER Services and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.6, at https://www.cisco.com/c/en/us/td/docs/security/firepower/660/configuration/guide/fpmc-config-guide-v66/licensing_the_firepower_system.html • Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 6.6, at https://www.cisco.com/c/en/us/td/docs/security/firepower/660/asa-fp-services/asafps-local-mgmt-config-guide-v66/licensing_the_asa_firepower_module.html

Software Version	Device Type	Licensing Information For
6.5	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.5, at https://www.cisco.com/c/en/us/td/docs/security/firepower/650/configuration/guide/fpmc-config-guide-v65/licensing_the_firepower_system.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 6.5, at https://www.cisco.com/c/en/us/td/docs/security/firepower/650/fdm/fptd-fdm-config-guide-650/fptd-fdm-license.html
	All others	• Cisco ASA with FirePOWER Services and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.5, at https://www.cisco.com/c/en/us/td/docs/security/firepower/650/configuration/guide/fpmc-config-guide-v65/licensing_the_firepower_system.html • Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 6.5, at https://www.cisco.com/c/en/us/td/docs/security/firepower/650/asa-fp-services/asafps-local-mgmt-config-guide-v65/licensing_the_asa_firepower_module.html

Software Version	Device Type	Licensing Information For
6.4	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.4, at https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config-guide-v64/licensing_the_firepower_system.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 6.4, at https://www.cisco.com/c/en/us/td/docs/security/firepower/640/fdm/fptd-fdm-config-guide-640/fptd-fdm-license.html
	All others	• Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.4, at https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config-guide-v64/licensing_the_firepower_system.html • Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 6.4, at https://www.cisco.com/c/en/us/td/docs/security/firepower/640/asa-fp-services/asafps-local-mgmt-config-guide-v64/licensing_the_asa_firepower_module.html

Software Version	Device Type	Licensing Information For
6.3	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.3, at: https://www.cisco.com/c/en/us/td/docs/security/firepower/630/configuration/guide/fpmc-config-guide-v63/licensing_the_firepower_system.html This chapter includes information about Specific License Reservation. • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 6.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/630/fdm/fptd-fdm-config-guide-630/fptd-fdm-license.html
	All others	• Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 6.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/630/asa-fp-services/asafps-local-mgmt-config-guide-v63/licensing_the_asa_firepower_module.html • Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/630/configuration/guide/fpmc-config-guide-v63/licensing_the_firepower_system.html

Software Version	Device Type	Licensing Information For
6.2.3	FTD	• The FTD, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.2.3, at: https://www.cisco.com/c/en/us/td/docs/security/firepower/623/configuration/guide/fpmc-config-guide-v623/licensing_the_firepower_system.html • The FTD, managed by the Firewall Device Manager: The "Licensing the System" chapter in the *Cisco Firepower Threat Defense Configuration Guide for Firepower Device Manager* for version 6.2.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/623/fdm/fptd-fdm-config-guide-623/fptd-fdm-license.html
	All others	• Cisco ASA with FirePOWER Services, managed locally: The "Licensing the ASA FirePOWER Module" chapter in the *Cisco ASA with FirePOWER Services Local Management Configuration Guide* for version 6.2.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/623/asa-fp-services/asa-with-firepower-services-local-management-configuration-guide-v623/Licensing.html • Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: The "Licensing the Firepower System" chapter in the *Firepower Management Center Configuration Guide* for version 6.2.3, at https://www.cisco.com/c/en/us/td/docs/security/firepower/623/configuration/guide/fpmc-config-guide-v623/licensing_the_firepower_system.html
6.2.2	FTD	• The FTD, managed by the Firewall Management Center: Licensing the Firepower System • The FTD, managed by the Firewall Device Manager: Licensing the System
	All others	• Cisco ASA with FirePOWER Services, managed locally: Licensing the ASA FirePOWER Module • Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: Licensing the Firepower System

Software Version	Device Type	Licensing Information For
6.2.1	FTD	• The FTD, managed by the Firewall Management Center: Licensing the Firepower System • The FTD, managed by the Firewall Device Manager: Licensing the System
	All others	—
6.2.0.x	FTD	• The FTD managed by the Firewall Management Center: Licensing the Firepower System • The FTD managed by the Firewall Device Manager: Licensing the System
	All others	• Cisco ASA with FirePOWER Services, managed locally: Licensing the ASA FirePOWER Module • Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: Licensing the Firepower System
6.1.0.x	FTD	• The FTD managed by the Firewall Management Center: Licensing the Firepower System • The FTD managed by the Firewall Device Manager: Licensing the System
	All others	• Cisco ASA with FirePOWER Services, managed locally: Licensing the ASA FirePOWER Module • Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: Licensing the Firepower System
6.0.1.x	FTD	The FTD managed by the Firewall Management Center: Licensing the Firepower System
	All others	• Cisco ASA with FirePOWER Services, managed locally: Licensing the ASA FirePOWER Module • Cisco ASA with FirePOWER Services, Firepower 7000 and 8000 Series devices, and NGIPSv, managed by the Firewall Management Center: Licensing the Firepower System

Software Version	Device Type	Licensing Information For
6.0.0.x	All except FTD	• Cisco ASA with FirePOWER Services, managed locally: Licensing the ASA FirePOWER Module • All other implementations: Licensing the Firepower System
5.4.x	Classic	• Cisco ASA with FirePOWER Services: Licensing the ASA FirePOWER Module • All other implementations: Licensing the FireSIGHT System
5.3.1.x	Classic	Licensing the FireSIGHT System

For Assistance

If you have any questions about installing or using feature licenses, contact TAC Support:

- Visit the Cisco Support site at http://support.cisco.com/.
- Email Cisco Support at mailto:tac@cisco.com.
- Call Cisco Support at 1.408.526.7209 or 1.800.553.2447.