Cisco Firepower 1000 Series

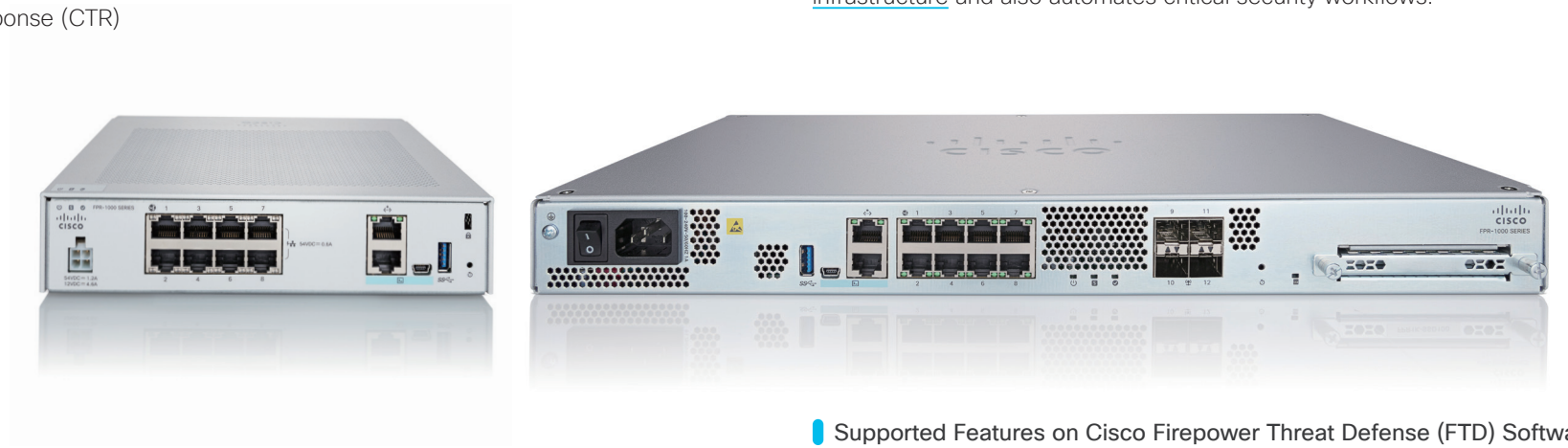
Simplified Management and Strong Threat Prevention for Small Offices

The **Cisco Firepower 1000 Series** firewalls are designed for smaller offices and branch offices. With simplified management via **Cisco Defense Orchestrator**, they enable resiliency and threat protection for your organization. Unlike many competing firewalls, Firepower sustains performance while performing threat inspection.

Beyond manageability and performance, only Cisco provides a comprehensive and open platform approach to security. Cisco's security platform future-proofs your security investment and simplifies control, inspection, and visibility across your network. Three core components form the Cisco firewalling platform for SMBs:

- Cisco Defense Orchestrator (CDO)
- Cisco Threat Response (CTR)
- Cisco SecureX

In addition to simplifying firewall management, CDO automates the deconfliction of overlapping and shadow security policies. And CDO extends beyond the firewall, even enabling management of security group rules for your Amazon Web Services (AWS) VPC Images. The second and third elements of the Cisco security platform, CTR and SecureX, are free for Cisco firewall customers. CTR is a SecureX application. They feature an open API for integration with other vendors' security solutions. CTR correlates threats with automated integration across Cisco firewalls and other security tools, including Cisco Umbrella for cloud security, and Cisco AMP for Endpoints. SecureX takes the platform further, connecting your entire network, endpoint, cloud, and application security infrastructure. SecureX unifies visibility across your security infrastructure and also automates critical security workflows.



Highlights

- Cisco Firepower 1000 Series supports Cisco Cisco Adaptive Security Appliance (ASA) & Cisco Firepower Threat Defense (FTD) software images
- CDO manages both ASA and FTD images
- CDO upgrades your firewalls with one-touch
- 3X greater throughput than the prior generation

Supported Features on Cisco Firepower Threat Defense (FTD) Software Image

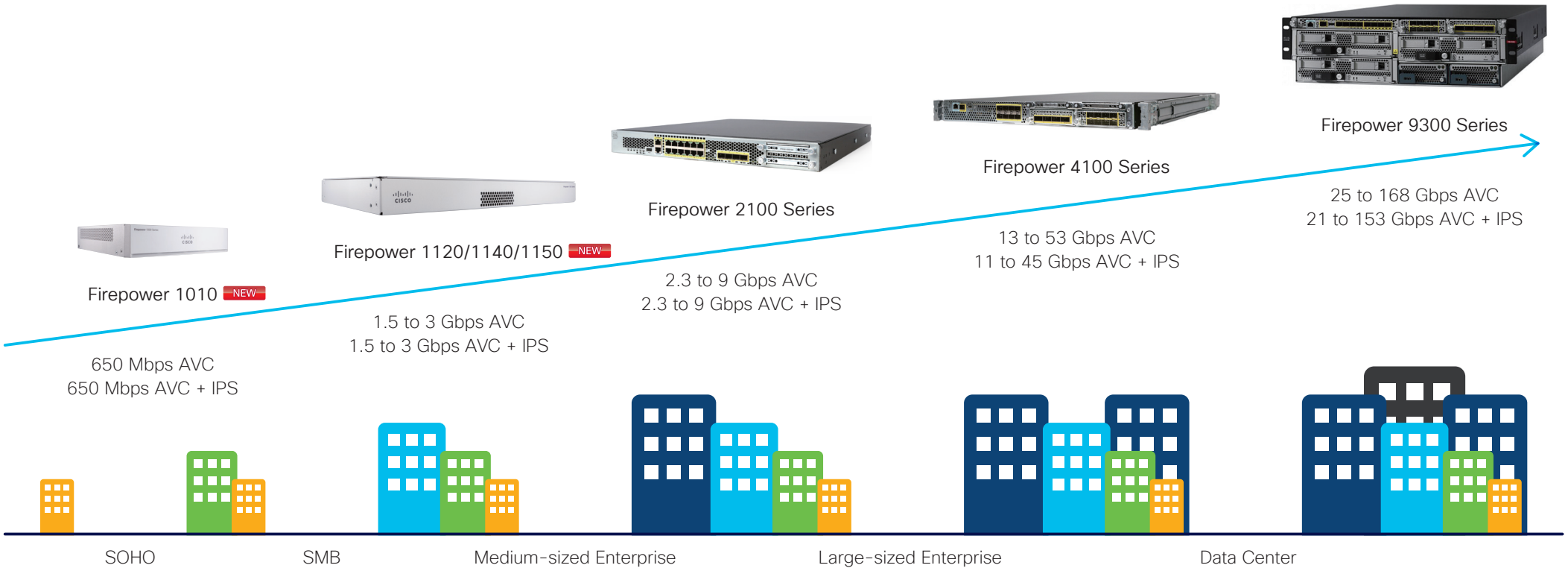
- Automated daily threat intelligence updates from Cisco Talos
- Layer 7 application firewalling
- Network traffic and content inspection, with Cisco's NGIPS (Next-Generation IPS)*1 and AMP (Advanced Malware Protection) for Networks*2
- URL filtering*3
- Site-to-site and remote access VPN

*1 Cisco Firepower Threat Defense NGIPS License is required.
*2 Cisco Firepower Threat Defense AMP License is required.
*3 Cisco Firepower Threat Defense URL License is required.

© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Cisco Firepower NGFW Appliances Positioning Map



© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Cisco Firepower 1000 Series with Firepower Threat Defense (FTD) Software Image

Product SKU*1	Service SKU SNTC 8×5×NBD	Software Image	Throughput			AVC Sessions		VPN Peers	Ports					Power Supply	Fanless	Rack Mount
			FW AVC	FW AVC IPS	IPsec VPN	Concurrent Sessions	New Connections per Second		1GE RJ45	1GE PoE+ RJ45	1GE SFP	10GE SFP+	1GE MGMT RJ45			
FPR1010-NGFW-K9	CON-SNT-FPR1010N	FTD	650 Mbps	650 Mbps	300 Mbps	100,000	6,000	75	6	2			1	External	✓	*2
FPR1120-NGFW-K9	CON-SNT-FRP11209	FTD	1.5 Gbps	1.5 Gbps	1 Gbps	200,000	15,000	150	8		4		1	Internal		1 RU
FPR1140-NGFW-K9	CON-SNT-FR11P40N	FTD	2.2 Gbps	2.2 Gbps	1.2 Gbps	400,000	22,000	400	8		4		1	Internal		1 RU
FPR1150-NGFW-K9	CON-SNT-FPR1150N	FTD	3 Gbps	3 Gbps	1.4 Gbps	600,000	28,000	800	8		2	2	1	Internal		1 RU

*1 FPRxxxx-BUN is recommended in CCW (The "xxxx" corresponds to the supported model number).
*2 Optional Rack Mount Kit (FPR1K-DT-RACK-MNT=) and Wall Mount Kit (FPR1K-DT-WALL-MNT=) are available.

Cisco Firepower 1000 Series with Adaptive Security Appliance (ASA) Software Image

Product SKU*1	Service SKU SNTC 8×5×NBD	Software Image	Throughput			FW Sessions		VPN Peers	Ports					Power Supply	Fanless	Rack Mount
			FW	FW (Multiproto-col)	IPsec VPN	Concurrent Sessions	New Connections per Second		1GE RJ45	1GE PoE+ RJ45	1GE SFP	10GE SFP+	1GE MGMT RJ45			
FPR1010-ASA-K9	CON-SNT-FPR1010A	ASA	2 Gbps	1.4 Gbps	500 Mbps	100,000	25,000	75	6	2			1	External	✓	*2
FPR1120-ASA-K9	CON-SNT-FPR1120A	ASA	4.5 Gbps	2.5 Gbps	1 Gbps	200,000	75,000	150	8		4		1	Internal		1 RU
FPR1140-ASA-K9	CON-SNT-FPR1140A	ASA	6 Gbps	3.5 Gbps	1.2 Gbps	400,000	100,000	400	8		4		1	Internal		1 RU
FPR1150-ASA-K9	CON-SNT-FPR1150A	ASA	7.5 Gbps	4.5 Gbps	1.7 Gbps	600,000	150,000	800	8		2	2	1	Internal		1 RU

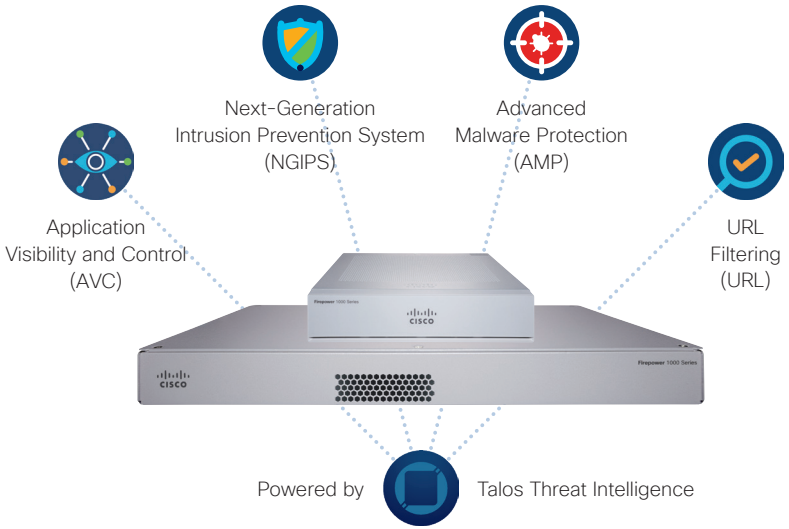
*1 FPRxxxx-BUN is recommended in CCW (The "xxxx" corresponds to the supported model number).
*2 Optional Rack Mount Kit (FPR1K-DT-RACK-MNT=) and Wall Mount Kit (FPR1K-DT-WALL-MNT=) are available.

© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Cisco Firepower Threat Defense (FTD) Software Image & Licenses

The Cisco Firepower Threat Defense (FTD) software image includes Application Visibility and Control (AVC), and optional Next-Generation Intrusion Prevention System (NGIPS), Cisco Advanced Malware Protection (AMP), and URL Filtering.



- Application Visibility and Control (AVC)
  Supports more than 4,000 applications, as well as geolocations, users, and websites. The AVC capability comes by default with a base license.
- Next-Generation Intrusion Prevention System (NGIPS)
  Provides highly effective threat prevention and full contextual awareness of users, infrastructure, applications, and content to detect multivector threats and automate defense response. The NGIPS license can be added alone to the base license, or bundled with AMP, or with AMP and URL licenses.
- Cisco Advanced Malware Protection (AMP) for Networks
  Enables detection, blocking, tracking, analysis, and containment of targeted and persistent malware, addressing the attack continuum both during and after attacks. Integrated threat correlation with Cisco AMP for Endpoints is also optionally available. The AMP license can be added alone to the base license, or bundled with NGIPS, or with NGIPS and URL licenses.
- URL Filtering (URL)
  Adds the capability to filter more than 280 million top-level domains by risk level and more than 80 categories. The URL license can be added alone to the base license, or bundled with NGIPS, or with NGIPS and AMP licenses.

Cisco Firepower Threat Defense (FTD) License Comparison

License	Characters Included in Product SKU	Next-Generation Intrusion Prevention System (NGIPS)	Advanced Malware Protection (AMP)	URL Filtering (URL)
NGIPS License	T	✓		
AMP License	AMP		✓	
URL License	URL			✓
NGIPS & AMP License	TM	✓	✓	
NGIPS & URL License	TC	✓		✓
NGIPS & AMP & URL License	TMC	✓	✓	✓

© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Cisco Firepower Threat Defense NGIPS Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010T-T-1Y	L-FPR1010T-T-3Y	L-FPR1010T-T-5Y	Firepower 1010
L-FPR1120T-T-1Y	L-FPR1120T-T-3Y	L-FPR1120T-T-5Y	Firepower 1120
L-FPR1140T-T-1Y	L-FPR1140T-T-3Y	L-FPR1140T-T-5Y	Firepower 1140
L-FPR1150T-T-1Y	L-FPR1150T-T-3Y	L-FPR1150T-T-5Y	Firepower 1150

*1 L-FPRxxxxT-T= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

Cisco Firepower Threat Defense AMP Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010T-AMP-1Y	L-FPR1010T-AMP-3Y	L-FPR1010T-AMP-5Y	Firepower 1010
L-FPR1120T-AMP-1Y	L-FPR1120T-AMP-3Y	L-FPR1120T-AMP-5Y	Firepower 1120
L-FPR1140T-AMP-1Y	L-FPR1140T-AMP-3Y	L-FPR1140T-AMP-5Y	Firepower 1140
L-FPR1150T-AMP-1Y	L-FPR1150T-AMP-3Y	L-FPR1150T-AMP-5Y	Firepower 1150

*1 L-FPRxxxxT-AMP= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

Cisco Firepower Threat Defense URL Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010T-URL-1Y	L-FPR1010T-URL-3Y	L-FPR1010T-URL-5Y	Firepower 1010
L-FPR1120T-URL-1Y	L-FPR1120T-URL-3Y	L-FPR1120T-URL-5Y	Firepower 1120
L-FPR1140T-URL-1Y	L-FPR1140T-URL-3Y	L-FPR1140T-URL-5Y	Firepower 1140
L-FPR1150T-URL-1Y	L-FPR1150T-URL-3Y	L-FPR1150T-URL-5Y	Firepower 1150

*1 L-FPRxxxxT-URL= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

Cisco Firepower Threat Defense NGIPS & AMP Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010T-TM-1Y	L-FPR1010T-TM-3Y	L-FPR1010T-TM-5Y	Firepower 1010
L-FPR1120T-TM-1Y	L-FPR1120T-TM-3Y	L-FPR1120T-TM-5Y	Firepower 1120
L-FPR1140T-TM-1Y	L-FPR1140T-TM-3Y	L-FPR1140T-TM-5Y	Firepower 1140
L-FPR1150T-TM-1Y	L-FPR1150T-TM-3Y	L-FPR1150T-TM-5Y	Firepower 1150

*1 L-FPRxxxxT-TM= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

Cisco Firepower Threat Defense NGIPS & URL Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010T-TC-1Y	L-FPR1010T-TC-3Y	L-FPR1010T-TC-5Y	Firepower 1010
L-FPR1120T-TC-1Y	L-FPR1120T-TC-3Y	L-FPR1120T-TC-5Y	Firepower 1120
L-FPR1140T-TC-1Y	L-FPR1140T-TC-3Y	L-FPR1140T-TC-5Y	Firepower 1140
L-FPR1150T-TC-1Y	L-FPR1150T-TC-3Y	L-FPR1150T-TC-5Y	Firepower 1150

*1 L-FPRxxxxT-TC= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

Cisco Firepower Threat Defense NGIPS & AMP & URL Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010T-TMC-1Y	L-FPR1010T-TMC-3Y	L-FPR1010T-TMC-5Y	Firepower 1010
L-FPR1120T-TMC-1Y	L-FPR1120T-TMC-3Y	L-FPR1120T-TMC-5Y	Firepower 1120
L-FPR1140T-TMC-1Y	L-FPR1140T-TMC-3Y	L-FPR1140T-TMC-5Y	Firepower 1140
L-FPR1150T-TMC-1Y	L-FPR1150T-TMC-3Y	L-FPR1150T-TMC-5Y	Firepower 1150

*1 L-FPRxxxxT-TMC= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Cisco Firepower 1000 Series Bundles

1. Select the master bundle SKU for the desired Cisco Firepower 1000 model.
2. Select the appliance SKU for the desired software image (FTD or ASA).
3. Select the software license SKU.

Master Bundle SKU	Appliance SKU	Software Licenses SKU					
FPR1010-BUN	FPR1010-NGFW-K9	L-FPR1010T-T=	L-FPR1010T-AMP=	L-FPR1010T-URL=	L-FPR1010T-TM=	L-FPR1010T-TC=	L-FPR1010T-TMC=
	FPR1010-ASA-K9	L-FPR1K-ASASC-5=	L-FPR1K-ASASC-10=	L-FPR1K-ENC-K9=	L-FPR1010-SEC-PL=		
FPR1120-BUN	FPR1120-NGFW-K9	L-FPR1120T-T=	L-FPR1120T-AMP=	L-FPR1120T-URL=	L-FPR1120T-TM=	L-FPR1120T-TC=	L-FPR1120T-TMC=
	FPR1120-ASA-K9	L-FPR1K-ASASC-5=	L-FPR1K-ASASC-10=	L-FPR1K-ENC-K9=			
FPR1140-BUN	FPR1140-NGFW-K9	L-FPR1140T-T=	L-FPR1140T-AMP=	L-FPR1140T-URL=	L-FPR1140T-TM=	L-FPR1140T-TC=	L-FPR1140T-TMC=
	FPR1140-ASA-K9	L-FPR1K-ASASC-5=	L-FPR1K-ASASC-10=	L-FPR1K-ENC-K9=			
FPR1150-BUN	FPR1150-NGFW-K9	L-FPR1150T-T=	L-FPR1150T-AMP=	L-FPR1150T-URL=	L-FPR1150T-TM=	L-FPR1150T-TC=	L-FPR1150T-TMC=
	FPR1150-ASA-K9	L-FPR1K-ASASC-5=	L-FPR1K-ASASC-10=	L-FPR1K-ENC-K9=			

Cisco Firepower 1000 Series High Availability Bundles

Two identical licenses are required for a High Availability (HA) pair of appliances running FTD software image, which is configured for active-passive operation.
The High Availability Bundle SKUs enable the purchase of a high availability pair of appliances and software licenses that includes 50 % discounted pricing for the second software license in the two-appliance bundle.

HA Bundle SKU	Description
FPR1010-FTD-HA-BUN	2 x FPR1010-NGFW-K9 (identically configured), 2 x FTD licenses (identical)
FPR1120-FTD-HA-BUN	2 x FPR1120-NGFW-K9 (identically configured), 2 x FTD licenses (identical)
FPR1140-FTD-HA-BUN	2 x FPR1140-NGFW-K9 (identically configured), 2 x FTD licenses (identical)
FPR1150-FTD-HA-BUN	2 x FPR1150-NGFW-K9 (identically configured), 2 x FTD licenses (identical)

Cisco Defense Orchestrator Licenses

Subscription SKU*1			Compatible Model
1-Year	3-Years	5-Years	
L-FPR1010-P-1Y	L-FPR1010-P-3Y	L-FPR1010-P-5Y	Firepower 1010
L-FPR1120-P-1Y	L-FPR1120-P-3Y	L-FPR1120-P-5Y	Firepower 1120
L-FPR1140-P-1Y	L-FPR1140-P-3Y	L-FPR1140-P-5Y	Firepower 1140
L-FPR1150-P-1Y	L-FPR1150-P-3Y	L-FPR1150-P-5Y	Firepower 1150

*1 L-FPRxxxx-P= is required in CCW (The "xxxx" corresponds to the supported model number).
See Ordering Guide for details.

© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Management to Meet Your Needs

Cisco firewalls for SMB are now simpler and more affordable than ever to configure and manage. **Cisco Defense Orchestrator (CDO)** vastly simplifies firewall management, so your busy team can keep its focus on driving your business. Whether you're already using Cisco ASA firewalls, or you need Cisco Firepower NGFW, CDO manages it all. CDO upgrades your firewalls with one touch, and rapidly de-conflicts overlapping and shadow security policies. CDO even manages your Amazon Web Services (AWS) VPC images.

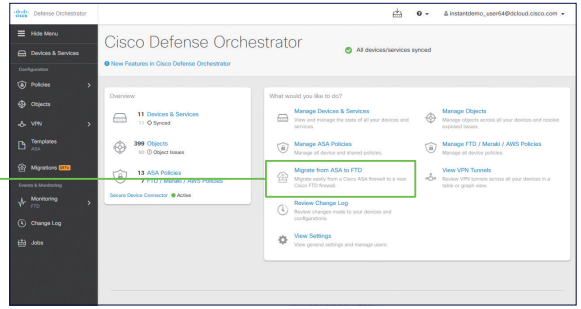
When using cloud-based CDO, updates are automatic. CDO is updated often, enabling you to take advantage of new management features and capabilities as soon as they are available. With CDO, an administrator also has the option to pivot into the built-in local managers that come with Cisco ASA and FTD firewalls.

For customers requiring on-prem, versus cloud, centralized management, select **Firepower Management Center (FMC)** instead of CDO.

Complimenting CDO, **Cisco Threat Response (CTR)** automates integrations across Cisco firewalls and other security tools, including Cisco Umbrella for cloud security, and Cisco AMP for Endpoints. CTR is an open tool, even integrating with competing vendors' security solutions. With CTR, SMBs gain comprehensive threat visibility and correlation everywhere.

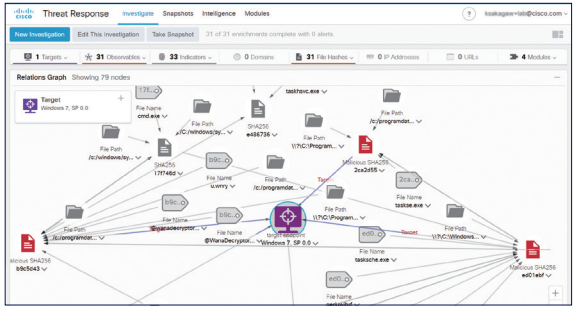
Easily maintain consistent policies and stay ahead of threats with deep visibility

Enable ease of migration from ASA to FTD



Cisco Defense Orchestrator

- One consistent security policy across device types
- Monitor and optimize your existing policies
- Deploy new devices faster with templates
- Track all changes over time across your environment
- Reduce time spent on administrative tasks up to 90 %



Cisco Threat Response

- Confirm threats and indicators of compromise automatically
- Know instantly which of your systems was targeted and how
- Manage and document key investigation information
- Take corrective action like blocking suspicious files and domains directly from the interface

See how Cisco Defense Orchestrator simplifies security policy management across your Cisco firewall platforms with a 30-day trial at no cost to you.

WEB https://engage2demand.cisco.com/LP=14845

© 2020 Cisco and/or its affiliates. All rights reserved.

Cisco Firepower 1000 Series

Transition Map

Existing Model		New Model	
ASA 5500-X	Max Performance (FW + AVC + IPS)	Firepower 1000	Max Performance (FW + AVC + IPS)
ASA 5506-X	125 Mbps	**Firepower 1010**	650 Mbps
ASA 5508-X	250 Mbps	**Firepower 1120**	1.5 Gbps
ASA 5512-X	150 Mbps		
ASA 5515-X	250 Mbps	**Firepower 1140**	2.2 Gbps
ASA 5516-X	450 Mbps		
ASA 5525-X	650 Mbps	**Firepower 1150**	3.0 Gbps
ASA 5545-X	1 Gbps		
ASA 5555-X	1.25 Gbps		

© 2020 Cisco and/or its affiliates. All rights reserved.