

Cisco Secure Firewall Reference Guide

Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Background Information](#)

[General Documentation](#)

[Cisco Secure Firewall Model Series](#)

[Cisco Secure Firewall Install and Upgrade Guides](#)

[Cisco Secure Firewall Licensing](#)

[Cisco Secure Firewall Ordering Guides](#)

[Cisco Secure Firewall Threat Defense \(FTD\)](#)

[Cisco Secure Firewall Cloud Native](#)

[Cisco Secure Firewall eXtensible Operating System \(FXOS\)](#)

[Cisco Secure Firewall Management Center \(FMC\)](#)

[Cisco Secure Firewall Device Manager \(FDM\)](#)

[Cisco Snort IPS on ISR and ASR Routers](#)

[Cisco Defense Orchestrator \(CDO\)](#)

[Cisco Extended Detection and Response \(XDR\)](#)

[Cisco Secure Firewall Migration Tool](#)

[Cisco Secure Firewall Adaptive Security Appliance \(ASA\)](#)

[Cisco Secure Firewall Adaptive Security Device Manager \(ASDM\)](#)

[Cisco Security Manager \(CSM\)](#)

[Cisco Security Notices](#)

[Device Management](#)

[Cisco Secure Firewall Management Center \(FMC\)](#)

[Cisco Secure Firewall Device Manager \(FDM\)](#)

[Cisco Defense Orchestrator \(CDO\)](#)

[Managed Devices](#)

[Cisco Secure Firewall Threat Defense \(FTD\)](#)

[Cisco Secure Firewall Adaptive Security Appliance \(ASA\)](#)

[Cisco Secure Firewall eXtensible Operating System \(FXOS\)](#)

[Secure Firewall and CSM Information To Share With Cisco TAC For Troubleshooting](#)

[Cisco Tools and Miscellaneous](#)

[Cisco Press](#)

[How to Provide Feedback or Article Suggestions](#)

[Related Information](#)

Introduction

This document centralizes some of the most important Cisco links related to the documentation, configuration and troubleshooting of the Cisco Secure Firewall products.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

The following article is a reference guide for the documentation, configuration and troubleshooting of the Cisco Secure Firewall products. It is suggested to refer to this reference guide before engaging the Cisco TAC support.

General Documentation

In this section, you can find information related to Release Notes, Data Sheets and product information, Upgrades, Field Notices, Security Notices, compatibility, licensing information, documentation roadmaps, technical references, configuration guides and whitepapers.

Cisco Secure Firewall Model Series

| Platform | Related Articles | Tags |
|----------------------|---|---------------|
| Secure Firewall 1000 | Cisco Secure Firewall 1000 Series | Documentation |
| Secure Firewall 1000 | Secure Firewall 1000 Series Documentation and Downloads | Documentation |
| Secure Firewall 2100 | Cisco Secure Firewall 2100 Series | Documentation |
| Secure Firewall 2100 | Secure Firewall 2100 Series Documentation and Downloads | Documentation |
| Secure Firewall 3100 | Cisco Secure Firewall 3100 Series | Documentation |
| Secure Firewall 3100 | Secure Firewall 3100 Series Documentation and Downloads | Documentation |

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|--------------------------|--|---------------|
| Secure Firewall 4100 | Cisco Secure Firewall 4100 Series | Documentation |
| Secure Firewall 4100 | Secure Firewall 4100 Series Documentation and Downloads | Documentation |
| Secure Firewall 4200 | Cisco Secure Firewall 4200 Series | Documentation |
| Secure Firewall 4200 | Secure Firewall 4200 Series Documentation and Downloads | Documentation |
| Secure Firewall 4200 | Secure Firewall 4200 Series Deep Dive | Video |
| Cisco Firepower 7000 | Cisco Firepower 7000 Series | Documentation |
| Cisco Firepower 7000 | Cisco Firepower 7000 Series Appliances Documentation and Downloads | Documentation |
| Cisco Firepower 8000 | Cisco Firepower 8000 Series | Documentation |
| Cisco Firepower 8000 | Cisco Firepower 8000 Series Appliances Documentation and Downloads | Documentation |
| Secure Firewall 9300 | Cisco Secure Firewall 9300 Series | Documentation |
| Secure Firewall 9300 | Secure Firewall 9300 Series Documentation and Downloads | Documentation |
| ASA5500-X | ASA 5500-X Series Documentation and Downloads | Documentation |
| ASA5500-X With FirePOWER | ASA 5500-X with FirePOWER Services Documentation and Downloads | Documentation |
| Secure Firewall ISA 3000 | Cisco Secure Firewall ISA 3000 Series | Documentation |
| Secure Firewall ISA 3000 | Secure Firewall ISA 3000 Series Documentation and Downloads | Documentation |

Cisco Secure Firewall Install and Upgrade Guides

| Platform | Related Articles | Tags |
|-------------------------|---|---------------|
| Install/Upgrade/Reimage | Secure Firewall Install and Upgrade Guides | Documentation |
| Upgrade/Patch Revert | Secure Firewall Revert or Uninstall the Upgrade | Documentation |

Cisco Secure Firewall Licensing

| Platform | Related Articles | Tags |
|-----------------------------|--|---------------|
| Licensing | Cisco Software Central | Documentation |
| Smart Licensing | Cisco Secure Firewall Smart Licensing Guidance | Documentation |
| Smart/Classic/PLR Licensing | Frequently Asked Questions (FAQ) about Licensing | Documentation |
| Smart/Classic Licensing | Cisco Secure Firewall Management Center Feature Licenses | Documentation |
| Smart/PLR Licensing | Cisco Secure Firewall Management Center (FMC) Licensing | Documentation |
| Smart/PLR Licensing | Cisco Secure Firewall Device Manager (FDM) Licensing | Documentation |
| Smart/PLR Licensing | Cisco Secure FXOS for Firepower 4100/9300 - ASA Licensing | Documentation |
| Smart Licensing | Use FMC and FTD Smart License Registration and Common Issues to Troubleshoot | Documentation |

Cisco Secure Firewall Ordering Guides

| Platform | Related Articles | Tags |
|-----------------|---|---------------|
| Secure Firewall | Cisco Network Security Ordering Guide | Documentation |

Cisco Secure Firewall Threat Defense (FTD)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| FTD | Secure Firewall Threat Defense Documentation and Downloads | Documentation |
| FTD | Navigating the Cisco Secure Firewall Threat Defense Documentation | Documentation |
| FTD | Secure Firewall Threat Defense Compatibility Guide | Documentation |
| FTD | Secure Firewall Threat Defense/Firepower Hotfix Release Notes | Documentation |
| FTD | Firepower Data Path Troubleshooting: Overview | Documentation |
| FTD | Upgrade The Secure Firewall FTD | Documentation |
| vFTD | Secure Firewall Threat Defense Virtual Series | Documentation |
| vFTD | Secure Firewall Threat Defense Virtual Data Sheet | Documentation |
| vFTD | Secure Firewall Threat Defense Virtual Documentation and Downloads | Documentation |

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|------|--|---------------|
| vFTD | Secure Firewall Threat Defense Virtual Started Guide | Documentation |
|------|--|---------------|

Cisco Secure Firewall Cloud Native

| Platform | Related Articles | Tags |
|------------------------------|--|---------------|
| Secure Firewall Cloud Native | Cisco Secure Firewall Cloud Native Series | Documentation |
| Secure Firewall Cloud Native | Secure Firewall Cloud Native Documents and Downloads | Documentation |
| Secure Firewall Cloud Native | Secure Firewall Cloud Native Started Guide | Documentation |

Cisco Secure Firewall eXtensible Operating System (FXOS)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| FXOS | Answer Firepower eXtensible Operating System (FXOS) FAQ | Documentation |
| FXOS | Cisco FXOS Troubleshooting Guide for the Firepower 1000/2100 and Secure Firewall 3100/4200 with Threat Defense | Documentation |
| FXOS | Cisco Firepower 1000, 2100 FXOS, Secure Firewall 3100 and 4200 MIB Reference Guide | Documentation |
| FXOS | Configure SNMP on Firepower NGFW Appliances | Documentation |
| FXOS | Cisco Secure Firewall 4100/9300 FXOS Chassis Manager Configuration Guides | Documentation |
| FXOS | Cisco Secure Firewall 4100/9300 FXOS Compatibility Guide | Documentation |
| FXOS | Cisco Secure Firewall 4100/9300 FXOS Upgrade Guide | Documentation |
| FXOS | Cisco Secure Firewall 4100/9300 FXOS Firmware Upgrade Guide | Documentation |

Cisco Secure Firewall Management Center (FMC)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| FMC | Cisco Secure Firewall Management Center | Documentation |
| FMC | Cisco Secure Firewall Management Center Ordering Guide | Documentation |
| FMC | Cisco Secure Firewall Management Center New Features by Release | Documentation |
| FMC | Secure Firewall Management Center Data Sheet (New Models) | Documentation |

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|-------|---|---------------|
| FMC | Secure Firewall Management Center Data Sheet (Previous Models) | Documentation |
| FMC | Secure Firewall Management Center Configuration Guides | Documentation |
| FMC | Secure Firewall Management Center Documentation, Downloads and Supported Models | Documentation |
| FMC | Secure Firewall Management Center Upgrade Guide | Documentation |
| vFMC | Secure Firewall Management Center Virtual Documents and Downloads | Documentation |
| vFMC | Secure Firewall Management Center Virtual Started Guide | Documentation |
| cdFMC | Cloud-delivered Firewall Management Center (cdFMC) | Documentation |

Cisco Secure Firewall Device Manager (FDM)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| FDM | Secure Firewall Device Manager Configuration Guides | Documentation |
| FDM | Secure Firewall Device Manager New Features by Release | Documentation |

Cisco Snort IPS on ISR and ASR Routers

| Platform | Related Articles | Tags |
|---------------|--|---------------|
| Snort IPS | Cisco Snort IPS Configuration Guide | Documentation |
| Snort IPS/UTD | Cisco Unified Threat Defense for ISR - Configuration Guide | Documentation |
| Snort IPS | Cisco Snort IPS on Routers - Step-by-Step Configuration | Documentation |
| Snort IPS | Cisco Snort IP on ISR, ISRv and CSR - Troubleshooting Guide | Documentation |
| Snort IPS | Cisco Snort IPS on ASR - Configuration Guide | Documentation |
| Snort IPS | Deploy Snort IPS on ISR 4000 series | Documentation |
| Snort IPS | Cisco Snort IPS for 4000 Series Integrated Services Routers Data Sheet | Documentation |
| Snort IPS | Deploy Snort IPS on ISR 1000 series | Documentation |

Cisco Defense Orchestrator (CDO)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| CDO | Cisco Defense Orchestrator (CDO) | Documentation |

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|-----|---|---------------|
| CDO | CDO Integration with Secure Firewall Technologies | Documentation |
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Cisco Extended Detection and Response (XDR)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| XDR | Cisco Extended Detection and Response (XDR) | Documentation |
| XDR | XDR Integration with Security Technologies | Documentation |

Cisco Secure Firewall Migration Tool

| Platform | Related Articles | Tags |
|--------------------------------|--|---------------|
| Secure Firewall Migration Tool | Cisco Secure Firewall Migration Tool | Documentation |
| Secure Firewall Migration Tool | Secure Firewall Migration Tool Documentation and Downloads | Documentation |
| Secure Firewall Migration Tool | Secure Firewall Migration Tool Compatibility Guide | Documentation |
| Secure Firewall Migration Tool | Migrating Cisco Secure Firewall ASA to Cisco Secure Firewall Threat Defense with the Migration Tool | Documentation |
| Secure Firewall Migration Tool | Migrating ASA with FirePOWER Services (FPS) Firewall to Secure Firewall Threat Defense with the Migration Tool | Documentation |
| Secure Firewall Migration Tool | Migrating an FDM-Managed Device to Secure Firewall Threat Defense with the Migration Tool | Documentation |
| Secure Firewall Migration Tool | Migrating Check Point Firewall to Secure Firewall Threat Defense with the Migration Tool | Documentation |
| Secure Firewall Migration Tool | Migrating Palo Alto Networks Firewall to Secure Firewall Threat Defense with the Migration Tool | Documentation |
| Secure Firewall Migration Tool | Migrating Fortinet Firewall to Secure Firewall Threat Defense with the Migration Tool | Documentation |

Cisco Secure Firewall Adaptive Security Appliance (ASA)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| ASA | Cisco Secure Firewall Adaptive Security Appliance (ASA) | Documentation |
| ASA | Secure Firewall ASA Documentation and Downloads | Documentation |
| ASA | Secure Firewall ASA Compatibility Guide | Documentation |
| ASA | Secure Firewall ASA 5500 and ASA 5500-X Series Data Sheet | Documentation |
| ASA | Secure Firewall ASA 5500-X with FirePOWER Services Data Sheet | Documentation |
| ASA v | Secure Firewall ASA Virtual Data Sheet | Documentation |
| ASA v | Secure Firewall ASA Virtual Documentation and Downloads | Documentation |
| ASA v | Secure Firewall ASA Virtual Started Guide | Documentation |
| ASAc | Containerized Secure Firewall ASAc Introduction | Documentation |
| ASAc | Containerized Secure Firewall ASAc Installation and Configuration Guide | Documentation |
| ASAc | Containerized Secure Firewall ASAc Cisco Blog | Documentation |
| ASAc | Containerized Secure Firewall ASAc Deployment Video | Video |

Cisco Secure Firewall Adaptive Security Device Manager (ASDM)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| ASDM | Cisco Secure Firewall Adaptive Security Device Manager (ASDM) | Documentation |
| ASDM | Secure Firewall ASDM Documentation and Downloads | Documentation |
| ASDM | Secure Firewall ASDM Software Download | Documentation |

Cisco Security Manager (CSM)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| CSM | Cisco Security Manager | Documentation |
| CSM | Cisco CSM Ordering Guide | Documentation |
| CSM | Cisco CSM Releases, Documentation and Downloads | Documentation |
| CSM | Cisco CSM Data Sheet | Documentation |

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|-----|---|---------------|
| CSM | Cisco CSM Installation and Upgrade Guides | Documentation |
| CSM | Cisco CSM Software Download | Documentation |
| CSM | Cisco CSM Software Download v4.18+ | Documentation |

Cisco Security Notices

| Platform | Related Articles | Tags |
|--------------------------|--|---------------|
| Secure Firewall 1000 | Secure Firewall 1000 Series | Documentation |
| Secure Firewall 2100 | Secure Firewall 2100 Series | Documentation |
| Secure Firewall 3100 | Secure Firewall 3100 Series | Documentation |
| Secure Firewall 4200 | Secure Firewall 4200 Series | Documentation |
| Cisco Firepower 7000 | Cisco Firepower 7000 Series Appliances | Documentation |
| Cisco Firepower 8000 | Cisco Firepower 8000 Series Appliances | Documentation |
| Secure Firewall 9300 | Secure Firewall 9300 Series | Documentation |
| Secure Firewall ASA | Secure Firewall ASA | Documentation |
| Secure Firewall ASA v | Secure Firewall ASA Virtual (ASA v) | Documentation |
| Secure Firewall ISA 3000 | Cisco 3000 Series Industrial Security Appliances (ISA) | Documentation |
| Secure Firewall ASDM | Secure Firewall ASDM | Documentation |
| Secure Firewall Cloud | Secure Firewall Cloud Native | Documentation |
| Secure Firewall FMC | Secure Firewall Management Center (FMC) | Documentation |
| Secure Firewall vFMC | Secure Firewall Management Center Virtual (vFMC) | Documentation |

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|----------------------|---|---------------|
| Secure Firewall FTD | Secure Firewall Threat Defense (FTD) | Documentation |
| Secure Firewall vFTD | Secure Firewall Threat Defense Virtual (vFTD) | Documentation |
| Secure Firewall FXOS | Secure Firewall FXOS Security Advisories, Responses and Notices | Documentation |
| Cisco CSM | Cisco CSM Security Advisories, Responses and Notices | Documentation |

Device Management

Cisco Secure Firewall Management Center (FMC)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| FMC | Change the Password of a User on Secure Firewall Appliances | Configuration |
| FMC | Configuration of Clustering on Cisco FirePOWER 7000 and 8000 Series Devices | Configuration |
| FMC | Configuration of High Availability on Series 3 Defense Centers | Configuration |
| FMC | Configuration of Stack on the Cisco Firepower 8000 Series Devices | Configuration |
| FMC | Configure and Troubleshoot Cisco Threat Intelligence Director | Configuration |
| FMC | Configure Automatic Update of CA Bundles for FMC and FDM | Configuration |
| FMC | Configure BFD in Secure Firewall Threat Defense with Flex-Config | Configuration |
| FMC | Configure FMC and FTD External Authentication with ISE as a RADIUS Server | Configuration |
| FMC | Configure FMC SSO with Azure as Identity Provider | Configuration |
| FMC | Configure FMC to Send Audit Logs to a Syslog Server | Configuration |
| FMC | Configure High Availability on FMC | Configuration |
| FMC | Configure Remote Backup for FMC Using NFS Storage Device | Configuration |
| FMC | Configure Secure Firewall Management Center without Eth0 as Mgmt | Configuration |
| FMC | SSD/RAID Reconfiguration Procedures for FireSIGHT Management Center Models FS2000 and FS4000 | Configuration |
| FMC | Configure FQDN Based Object for Access Control Rule | Documentation |
| FMC | Demonstrate Navigation through Secure Firewall's API-Explorer | Documentation |
| FMC | Firepower 7000 Series Appliance Rail Kit Installation Instruction | Documentation |
| FMC | FMC 6.6.1+ - Tips for Before and After an Upgrade | Documentation |
| FMC | IP Address is Blocked or Blacklisted by the Security Intelligence of a Cisco FireSIGHT System | Documentation |

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| FMC | Monitor Events Using Unified Event Viewer on FMC GUI | Documentation |
| FMC | Push Objects in Bulk to FMC using REST-API | Documentation |
| FMC | Reimage a FireSIGHT Management Center and FirePOWER Appliance | Documentation |
| FMC | Reimage a Hardware Model of a Cisco Secure Firewall Management Center | Documentation |
| FMC | Secure Firewall REST API Introduction | Documentation |
| FMC | Types of Update Files That Might Be Installed on a FireSIGHT System | Documentation |
| FMC | Upgrade FMC in High Availability | Documentation |
| FMC | User Documentation-Cisco Firepower Management Center | Documentation |
| FMC | Verify Firepower Software Versions | Documentation |
| FMC | A FireSIGHT Management Center FS4000 Model May Trigger "Disk Degraded" Health Alert | Troubleshooting |
| FMC | Implement Rollback VDB Version in FMC Version 7.3+ | Troubleshooting |
| FMC | Troubleshoot "Cisco Cloud Configuration - Failure" - Threat Data Updates Alert on the Firepower Devices | Troubleshooting |
| FMC | Troubleshoot Issues with Fans on a FireSIGHT System | Troubleshooting |
| FMC | Troubleshoot Issues with URL Filtering on a FireSIGHT System | Troubleshooting |
| FMC | Troubleshoot Security Intelligence Feed Update Failures on the Firepower Management Center | Troubleshooting |
| FMC | Upgrade From Snort 2 to Snort 3 via FMC | Documentation |
| FMC | Configure Automatic Updates for Vulnerability Database on FMC | Configuration |
| FMC | Configure Hairpin with Firepower Management Center | Configuration |
| FMC | Change the Management Interface IP Address on FTD Managed by FMC | Configuration |
| FMC | Replace Secure Firewall Management Center in HA Pair | Documentation |

Cisco Secure Firewall Device Manager (FDM)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| FDM | Configure a Time-Based Access Control Rule on FDM with Rest API | Configuration |
| FDM | Configure and Verify Syslog in Firepower Device Manager | Configuration |
| FDM | Configure FDM External Authentication and Authorization with ISE using RADIUS | Configuration |
| FDM | Configure FDM On-Box Management Service for Firepower 2100 | Configuration |
| FDM | Configure Secure Firewall Device Manager in High Availability | Configuration |
| FDM | Upgrade of Secure Firewall Threat Defense Using Firewall Device Manager | Documentation |

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| FDM | Configure a Regular Database Update Schedule for VDB on FDM | Configuration |
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Cisco Defense Orchestrator (CDO)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| CDO | Deploy a Cloud-Delivered FMC (cdFMC) in Cisco Defense Orchestrator (CDO) | Configuration |
| CDO | Initialize and Launch the Firewall Migration Tool on CDO | Documentation |
| CDO | Onboard FDM to Defense Orchestrator | Configuration |

Managed Devices

Cisco Secure Firewall Threat Defense (FTD)

| Platform | Related Articles | Tags |
|----------|---|---------------|
| FTD | Configure Advanced Options for BGP on FTD | Configuration |
| FTD | Configure and Verify NAT on FTD | Configuration |
| FTD | Configure BFD in Secure Firewall Threat Defense with GUI | Configuration |
| FTD | Configure Dual ISP Failover for FTD Managed by FMC | Configuration |
| FTD | Configure eBGP HA with SFTD/ASA and Cloud Service Provider | Configuration |
| FTD | Configure FDM Active Authentication (Captive Portal) | Configuration |
| FTD | Configure FTD Clustering on FP9300 (intra-chassis) | Configuration |
| FTD | Configure FTD High Availability Using FDM | Configuration |
| FTD | Configure Geneve Interfaces in Secure FTDv | Configuration |
| FTD | Configure NAT 64 on Secure Firewall Managed by FMC | Configuration |
| FTD | Configure NetFlow Secure Event Logging on Firepower Threat Defense | Configuration |
| FTD | Configure PBR with HTTP Path Monitor on FMC | Configuration |
| FTD | Configure VXLAN Interfaces on Secure FTD with Secure FMC | Configuration |
| FTD | Deploy Autoscaled FTDv in Azure in a High Trust Environment | Configuration |
| FTD | URL Filtering on a FireSIGHT System Configuration Example | Configuration |
| FTD | Cisco Secure Firewall Managemet Center Configuration Guides | Documentation |
| FTD | Clarify Firepower Threat Defense Access Control Policy Rule Actions | Documentation |
| FTD | Clarifying the Firepower Threat Defense LINA process CPU utilization | Documentation |
| FTD | Collection of Core Files From a Firepower Threat Defense Device | Documentation |
| FTD | Configure AnyConnect VPN on FTD using Cisco ISE as a RADIUS Server with Windows Server 2012 Root CA | Documentation |

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| FTD | Firepower Threat Defense Transparent Firewall Mode Advanced Concepts and Troubleshooting Tips | Documentation |
| FTD | Identify and Analyze FTD Failover Events on FMC | Documentation |
| FTD | Install and Upgrade FTD on Firepower Appliances | Documentation |
| FTD | Marketing Collateral-Next-Generation Firewalls | Documentation |
| FTD | Understand Failover Status Messages for FTD | Documentation |
| FTD | Understand Port Allocation on Dynamic PAT for FTD Cluster 7.0 | Documentation |
| FTD | Understand Snort3 Rules | Documentation |
| FTD | Secure Firewall Transitioning from Snort 2 to Snort 3 Guidance | Documentation |
| FTD | Cisco Secure Firewall Management Center Snort 3 Configuration Guide | Documentation |
| FTD | Understand VRF (Virtual Router) on Secure Firewall Threat Defense | Documentation |
| FTD | Upgrade FTD HA Managed by FMC | Documentation |
| FTD | Upgrade FTD HA Pair on Firepower Appliances | Documentation |
| FTD | Upgrade of Secure Firewall Threat Defense Using Firewall Device Manager | Documentation |
| FTD | Verify Firepower Mode, Instance, High Availability, and Scalability Configuration | Documentation |
| FTD | Secure Firewall 3100, 4100 and 9300 Multi-Instance Performance | Documentation |
| FTD | Secure Firewall Multi-Instance Data plane and Snort core Instance Sizing | Documentation |
| FTD | Use Multi-Instance Capability on the Firepower 4100/9300 | Documentation |
| FTD | Firepower NGFW Multi-Instance Performance on 4100 and 9300 Series Appliances | Documentation |
| FTD | Analyze Firepower Firewall Captures to Effectively Troubleshoot Network Issues | Troubleshooting |
| FTD | Attempt to Upgrade Firepower Devices Results in Failure "006_check_snort.sh" | Troubleshooting |
| FTD | Change or Recover Password for FTD through FXOS Chassis Manager | Troubleshooting |
| FTD | Identify Issues with Network Flow Engine Cards in Sourcefire FirePOWER 7000 and 8000 Series Appliances | Troubleshooting |
| FTD | NetFlow and Other Features not Supported Due to Partial Lina Engine Check if a Transparent FTD Works as Inline-pair | Troubleshooting |
| FTD | Process Single Stream Large Session (Elephant Flow) by Firepower Services | Troubleshooting |
| FTD | Troubleshoot Firepower Threat Defense (FTD) Cluster | Troubleshooting |
| FTD | Upgrade Failure on Multi Instance HA FTD | Troubleshooting |
| FTD | Xbox Live Online Multi-Player Traffic (Teredo Tunnel UDP 3544) Blocked By FTD | Troubleshooting |
| FTD | FTD HA Configuration Problems On The FMC When Two Firepower Chassis Have Duplicated System Names | Troubleshooting |
| FTD | Edit the Firewall Management Center IP or Hostname on the FTD | Configuration |

Cisco Secure Firewall Adaptive Security Appliance (ASA)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| ASA | Configure NAT Reflection On The ASA For The VCS Expressway TelePresence Devices | Configuration |
| ASA | ASA NAT Configuration And Recommendations For The Expressway-E Dual Network Interfaces Implementation | Configuration |
| ASA | LAN Communication Between Hosts That Look For Their Public IP Addresses Behind An ASA | Configuration |
| ASA | ASA Embedded Event Manager Configuration Example | Configuration |
| ASA | ASA Version 9.x SSH and Telnet on the Inside and Outside Interfaces Configuration Example | Configuration |
| ASA | Configure the ASA for Redundant or Backup ISP Links | Configuration |
| ASA | Configure the Secure Firewall Migration Tool for ASA Migration | Configuration |
| ASA | Deploy Example on CSM to ASA | Configuration |
| ASA | Disable SSH Server CBC Mode Ciphers on ASA | Configuration |
| ASA | Install and Configure a FirePOWER Services Module on an ASA Platform | Configuration |
| ASA | Site-To-Site VPN Configuration on the Multiple Context ASA 9.x Receives Error Message | Configuration |
| ASA | Cisco Secure Firewall ASA Compatibility | Documentation |
| ASA | Analyze AAA Device Administration Behavior for ASA | Documentation |
| ASA | ASA 8.4(x) Connects a Single Internal Network to the Internet Configuration Example | Documentation |
| ASA | ASA 8.x: AnyConnect SSL VPN CAC-SmartCards Configuration for Windows | Documentation |
| ASA | ASA FAQ: How can I specify the ASA source interface for syslogs sent over a VPN tunnel? | Documentation |
| ASA | ASA FAQ: How do you interpret the syslogs generated by the ASA when it builds or tears down connections? | Documentation |
| ASA | ASA File Transfer with FXP Configuration Example | Documentation |
| ASA | ASA SNMP Feature Enhancement Implementation | Documentation |
| ASA | ASA: DHCPv6 Relay configuration example and troubleshooting | Documentation |

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| ASA | Cisco Secure Firewall ASA Botnet Traffic Filter Guide | Documentation |
| ASA | Configure BGP with Two Different Service Providers | Documentation Configuration |
| ASA | Configure FirePOWER Services on ISR Device with UCS-E Blade | Documentation Configuration |
| ASA | Configure the ASA 5506W-X with a Non-Default IP or Multiple VLAN Configuration | Documentation Configuration |
| ASA | Configure the ASA for Dual Internal Networks | Documentation Configuration |
| ASA | Configure the ASA to Pass IPv6 Traffic | Documentation Configuration |
| ASA | Cut-Through and Direct ASA Authentication Configuration Example | Documentation |
| ASA | EEM Used to Control the NAT Divert Behavior of Twice NAT When ISP Redundancy is Used Configuration Example | Documentation |
| ASA | Firepower eXtensible Operating System (FXOS) 2.2: Chassis Authentication and Authorization for remote management with ACS using RADIUS | Documentation |
| ASA | Firepower eXtensible Operating System (FXOS) 2.2: Chassis Authentication/Authorization for remote management with ISE using RADIUS - Tech Zone (cisco.com) | Documentation |
| ASA | Firepower eXtensible Operating System (FXOS) 2.2: Chassis Authentication/Authorization for remote management with ISE using TACACS+ - Tech Zone (cisco.com) | Documentation |
| ASA | Install and Upgrade Firepower Threat Defense on ASA 55xx-X Appliances | Documentation |
| ASA | NAT and PAT Statement Use on the Cisco Secure ASA Firewall Configuration Example | Documentation |

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| ASA | PIX/ASA 8.0: Use LDAP Authentication to Assign a Group Policy at Login | Documentation |
| ASA | Understand ASA High Availability MAC Table Synchronization on Transparent Mode with HSRP Routers | Documentation |
| ASA | Upgrade an ASA HA Pair on Firepower Appliances | Documentation |
| ASA | User-to-IP Mappings No Longer Appear in Cisco CDA after March 2017 Microsoft Update | Documentation |
| ASA | ASA FAQ: What happens after failover if dynamic routes are synchronized? | Troubleshooting |
| ASA | ASA Has High CPU Usage Due to a Traffic Loop When VPN Clients Disconnect | Troubleshooting |
| ASA | ASA Troubleshooting Guide: Missing Logs at Syslog Destination(s) | Troubleshooting |
| ASA | Common Issues with ASA Inter-Site Transparent Cluster | Troubleshooting |
| ASA | Differences Between Logs and Debugs on Adaptive Security Appliances | Troubleshooting |
| ASA | Disable Service Module Monitoring on ASA to Avoid Unwanted Failover Events (SFR/CX/IPS/CSC). | Troubleshooting |
| ASA | Configure Hairpin on ASA | Configuration |

Cisco Secure Firewall eXtensible Operating System (FXOS)

| Platform | Related Articles | Tags |
|----------|--|---------------|
| FXOS | Create and Manage Logical Devices in FXOS Chassis Manager | Configuration |
| FXOS | Reimage a Secure Firewall Threat Defense for 1000, 2100 and 3100 Series | Configuration |
| FXOS | Cisco Firepower 4100/9300 FXOS Command Reference | Documentation |
| FXOS | Cisco Firepower 4100/9300 FXOS Firmware Upgrade Guide | Documentation |
| FXOS | Perform a Complete Reimage for FXOS in Firepower 4100 and 9300 Series | Documentation |
| FXOS | Upgrade the Firepower Extensible Operating System (FXOS) Using Firepower Chassis Manager | Documentation |

Secure Firewall and CSM Information To Share With Cisco TAC For Troubleshooting

This is the most common information requested by the Cisco TAC support team for secure firewall and CSM troubleshooting purposes.

| Platform | Related Articles | Tags |
|-------------|---|-----------------|
| FMC/FTD/FDM | Secure Firewall Troubleshoot File Generation Procedures | Troubleshooting |
| ASA | Secure Firewall ASA Tech-Support File Generation Procedure | Troubleshooting |
| FXOS | Secure Firewall FXOS Tech-Support File Generation Procedure | Troubleshooting |
| CSM | Generate CSM Diagnostic Files from GUI | Troubleshooting |

Cisco Tools and Miscellaneous

| Description | Related Articles | Tags |
|----------------------------|---|---------------|
| Cisco Secure Firewall Site | Cisco Secure Firewall Site | Documentation |
| Cisco Community | Cisco Community | Community |
| Cisco Blogs | Cisco Secure Firewall Blogs | Configuration |
| Cisco Live | Cisco Live Secure Firewall | Documentation |
| Cisco Video Portal | Cisco Video Portal ASA | Video |
| Cisco Video Portal | Cisco Video Portal Secure Firewall | Video |
| Cisco YouTube Channel | Cisco Secure Firewall Youtube Channel | Video |
| Cisco Training Videos | Cisco Next-Generation Firewall (NGFW) Training videos | Video |
| Cisco CLI Analyzer | Cisco CLI Analyzer | Cisco Tool |
| Cisco Packet Capture | Cisco Packet Capture Config Generator and Analyzer | Cisco Tool |
| Cisco Radkit | Cisco Radkit | Cisco Tool |
| Cisco Perf Estimator | Cisco Secure Firewall Performance Estimator | Cisco Tool |

Cisco Press

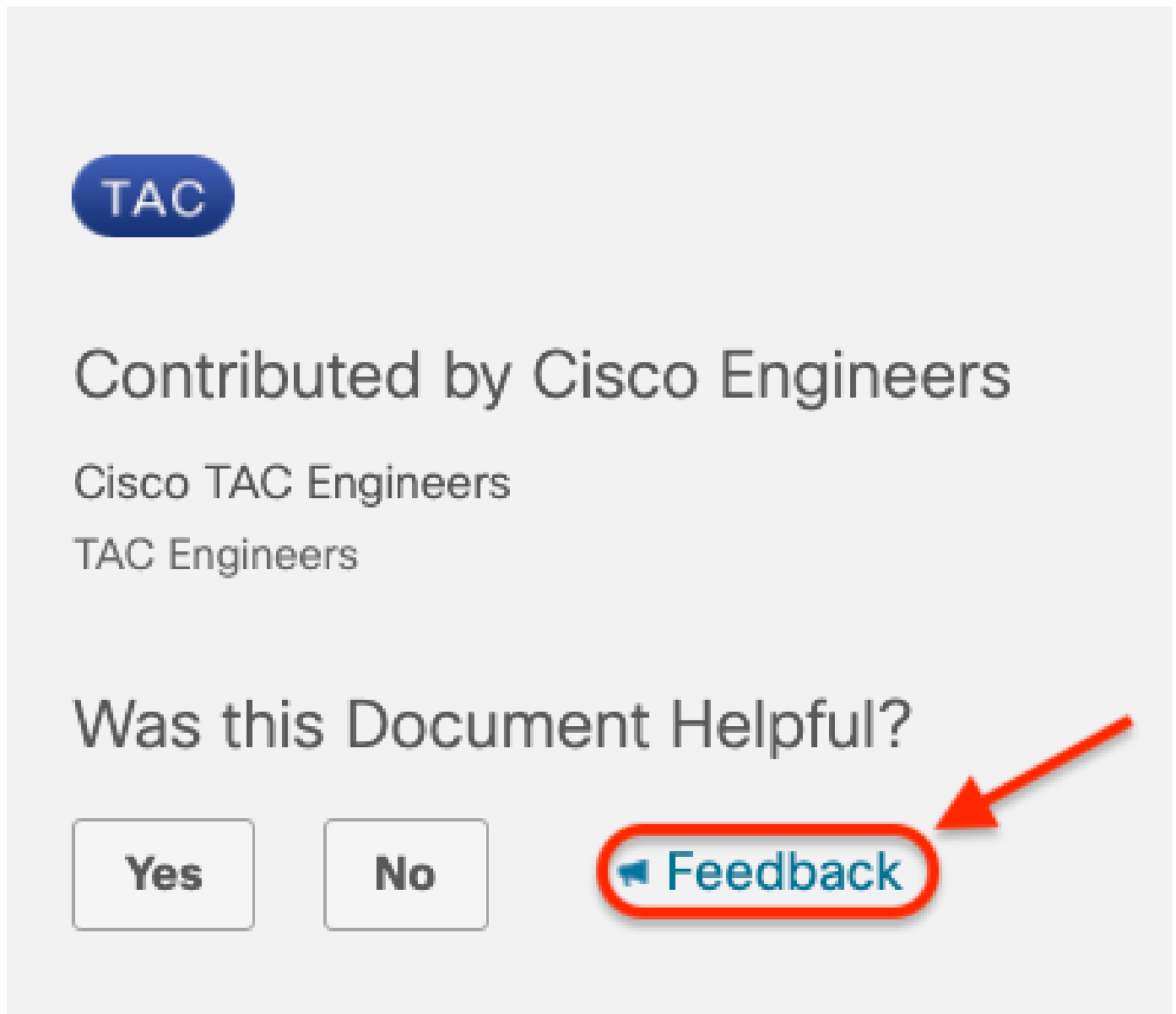
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| Cisco Press | Integrated Security Technologies and Solutions - Volume I | Cisco Press |

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| Cisco Press | Integrated Security Technologies and Solutions - Volume II | Cisco Press |
| Cisco Press | CCNP Security Cisco Secure Firewall and Intrusion Prevention System Official Cert Guide | Cisco Press |
| Cisco Press | CCNP and CCIE Security Core SCOR 350-701 Official Cert Guide, 2nd Edition | Cisco Press |
| Cisco Press | Cisco Firepower Threat Defense (FTD): Configuration and Troubleshooting Best Practices NGFW | Cisco Press |

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- Do not miss out! Dive into the thrilling world of the [Cisco VPN Technologies Reference Guide](#)