Configure FTD from ASA Configuration File with Firepower Migration Tool

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Introduction

This document describes an example of Adaptive Security Appliance (ASA) to Firepower Threat Defense (FTD) migration on FPR4145.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Basic knowledge of ASA
- Knowledge of Firepower Management Center (FMC) and FTD

Components Used

The information in this document is based on these software and hardware versions:

- ASA Version 9.12(2)
- FTD Version 6.7.0
- FMC Version 6.7.0
- Firepower Migration Tool version 2.5.0

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

Export the ASA configuration file in .cfg or .txt format. FMC must be deployed with FTD registered under it.

Configure

1. Download the Firepower Migration Tool from software.cisco.com as shown in the image.

CISCO Products & Services	Support	How to Buy	Training & Events	Partners	Employees		Carol D'Souza	ଷ ଷ୍ଟ୍ର ତ ତ
Software Dow	nload							
Downloads Home / Security / Firewall	s / Next-Gener	ation Firewalls (NGFW)	/ Firepower NGPW V	rtual / Firepower	Migration Tool (F	MT)- 2.5.0		
Q. Search		Firepowe	er NGFW V	'irtual				
Expand All Collapse All Latest Release) _	Release 2.5.0				Related Links Open Source Release Notes for 2 Install and Upgrade	and Documentation	
2.5.0)							
All Release	× i	File Information				Release Date	Size	
2 2.5.0 2.4.1 2.4.0	×	The extractor will b configurations whii Migration Tool. FMT-CP-Config-Extr Advisories	be used to extract c ch will be used as a actor_v2.5-6263.exe	heckpoint devi n input to Firep	ce-specific xower	15-Nov-2021	9.83 MB	±∀∎
2.3.5		Firepower Migration Firepower_Migration, Advisories	n Tool 2.5 for Mac _Tool_v2.5=6263.com	mand		15-Nov-2021	34.05 MB	±∀∎
		Firepower Migration Firepower_Migration, Advisories 😭	on Tool 2.5 for Wind _Tool_v2.5-6263.exe	ows		15-Nov-2021	34.73 MB	±₩∎

2. Review and verify the requirements for the Firepower Migration Tool section.

3. If you are planning to migrate a large configuration file, configure sleep settings so the system does not go to sleep during a migration push.

3.1. For Windows, navigate to **Power Options** in the **Control Panel**. Click **Change Plan Settings** next to your current power plan and then toggle **Put the computer to sleep** to **Never**. Click **Save Changes**.

3.2. For MAC, navigate to **System Preferences > Energy Saver**. Tick the box next to Prevent the Computer from Sleeping Automatically when the display is off and drag the **Turn Display Off** after slider to **Never**.

Note: This warning, dialog pops up when MAC users try to open the downloaded file. Ignore this and follow Step 4.1.



"Firepower_Migration_Tool_v2.5 -6263.command" is a script app downloaded from the Internet. Are you sure you want to open it?

Chrome downloaded this file today at 2:35 PM from **software.cisco.com**.



4.1. For MAC - Use the terminal and run these commands:

CAROLDSO-M-WGYT:~ caroldso\$ cd Downloads/ CAROLDSO-M-WGYT:Downloads caroldso\$ chmod 750 Firepower_Migration_Tool_v2.5-6263 .command CAROLDSO-M-WGYT:Downloads caroldso\$./Firepower_Migration_Tool_v2.5-6263.command [75653] PyInstaller Bootloader 3.x [75653] LOADER: executable is /Users/caroldso/Downloads/Firepower_Migration_Tool _v2.5-6263.command [75653] LOADER: homepath is /Users/caroldso/Downloads [75653] LOADER: homepath is /Users/caroldso/Downloads [75653] LOADER: mEIPASS2 is NULL [75653] LOADER: archivename is /Users/caroldso/Downloads/Firepower_Migration_Too 1_v2.5-6263.command [75653] LOADER: archivename is /Users/caroldso/Downloads/Firepower_Migration_Too 1_v2.5-6263.command [75653] LOADER: Cookie found at offset 0x219AE08 [75653] LOADER: Extracting binaries [75653] LOADER: Executing self as child

```
127.0.0.1 - - [23/Nov/2021 14:49:47] "GET /inline.318b50c57b4eba3d437b.bundle.js

HTTP/1.1" 200 -

127.0.0.1 - - [23/Nov/2021 14:49:47] "GET /cui-font.880241c0aa87aa899c6a.woff2 H

TTP/1.1" 200 -

2021-11-23 14:49:47,999 [INFO | cco_login] > "EULA check for an user"

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/cisco.svg HTTP/1.1" 200 -

2021-11-23 14:49:48,013 [DEBUG | common] > "session table records count:1"

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /api/eula_check HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/icons/login.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/1.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/1.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -

127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/2.png HTTP/1.1" 200 -
```

4.2. For Windows - double-click the Firepower Migration Tool in order to launch it in a Google Chrome browser.

5. Accept the license as shown in the image:

$\leftrightarrow \rightarrow \mathbb{C} \ \Delta$ () localhost:8888/#/eula	
Firepower Migration Tool	
END USER LICENSE AGREEMENT	
This is an agreement between You and Cisco Systems, Inc. or its affiliates ("Cisco") and governs your Use of Cisco Software. "You" and "Your" means the individual or legal entity licensing the Software under this EULA. "Use" or "Using" means to download, install, activate, access or otherwise use the Software. "Software" means the Cisco computer programs and any Upgrades made available to You by an Approved Source and licensed to You by Cisco. "Documentation" is the Cisco user or technical manuals, training materials, specifications or other documentation applicable to the Software and made available to You by an Approved Source. "Approved Source" means (i) Cisco or (ii) the Cisco authorized reseller, distributor or systems integrator from whom you acquired the Software. "Entitlement" means the license detail; including license metric, duration, and quantity provided in a product ID (PID) published on Cisco's price list, claim certificate or right to use notification. "Upgrades" means all updates, upgrades, bug fixes, error corrections, enhancements and other modifications to the Software and backup copies thereof. This agreement, any supplemental license terms and any specic product terms at www.cisco.com/go/softwareterms (collectively, the "EULA") govern Your Use of the Software.	
1. Acceptance of Terms. By Using the Software, You agree to be bound by the terms of the EULA. If you are entering into this EULA on behalf of an entity, you represent that you have authority to bind that entity. If you do not have such authority or you do not agree to the terms of the EULA, neither you nor the entity may Use the Software and it may be returned to the Approved Source for a refund within thirty (30) days of the date you acquired the Software or Cisco product. Your right to return and refund applies only if you are the original end user licensee of the Software.	
2. License. Subject to payment of the applicable fees and compliance with this EULA, Cisco grants You a limited, non-exclusive and non-transferable license to Use object code versions of the Software and the Documentation solely for Your internal operations and in accordance with the Entitlement and the Documentation. Cisco licenses You the right to Use only the Software You acquire from an Approved Source. Unless contrary to applicable law. You are not licensed to Use the Software on	
I have read the content of the EULA and SEULA and agree to terms listed.	
Proceed	

6. On the login page of the Firepower Migration Tool, click the login with Cisco Connection Online (CCO) link in order to log in to your **Cisco.com** account with your single-sign-on credentials.

Note: If you do not have a **Cisco.com** account, create it on the **Cisco.com** login page. Log in with these default credentials: Username—admin and Password—Admin123.



7. Choose the source configuration. In this scenario, it is Cisco ASA (8.4+).

$\leftarrow \rightarrow C \triangle$ (i) localhost:8888/#/home							
Gisco Firepower Migration Tool							
Select Source Configuration							
Source Firewall Vendor							
Select Source							
Cisco ASA (8.4+)							
Check Point (r75-r77)							
Check Point (r80)							
Palo Alto Networks (6.1+)							
Fortinet (5.0+)							
Cisco ASA (9.2.2+) with FPS							

8. Choose **Manual Upload** if you do not have connectivity to the ASA. Otherwise, you can retrieve the running configuration from the ASA and enter the management IP and login details. In this scenario, a manual upload was performed.

← → C ☆ ① localhost:8888/#/home		* 💊						
CISCO Firepower Migration Tool								
Extract Cisco ASA (8.4+) Information 💿	×							
Extraction Methods	Extraction Methods							
Manual Upload	Connect to ASA							
 File format is '.cfg' or '.txt'. For Multi-context upload a show tech. For Single-context upload show running. 	 Enter the management IP address and connect using admin credentials. IP format should be: <ip:port>.</ip:port> 							
Do not upload hand coded configurations.	ASA IP Address/Hostname							
Upload	Connect							

Note: This error is seen if the file is not supported. Ensure to change the format to plain text. (Error is seen despite having extension .cfg.)



9. After the file is uploaded, the elements are parsed providing a summary as shown in the image:

alialia cisco	Firepower Migration Tool					(000
	Extract Cisco ASA (8.4+) Information	n 🕕				Source: Cisco ASA (8.4+)
	Extraction Methods					>	1
	Manual Upload: ASAConfig.dg.txt						-
	Context Selection Selected Context: Single Context Mode					>	1
							-
	Parsed Summary				~		
	Collect Hitcounts: No, Hitcount information is only available when connected to a live ASA.						
	20 88				14		
	Access Control List Lines		Networ	k Objects		Port Objects	
	8 Logical Interfaces		9 Static Rautes	4 Network Address Transle	ation	1 Site-to-Site VPN Tunnels	
	Pre-migration report will be available after selecting the tar	rgets,					

10. Enter the FMC IP and login credentials to which the ASA configuration is to be migrated. Ensure that the FMC IP is reachable from your workstation.

cisco	Firepower Migration Tool		000
	Select Target ()	Source: Cleon ASA (8.4+)	
	Connect to FMC	~	
	FMC IP Address/Hostname		
	10.108.52.10		
	Connect		
	Choose FTD	>	
	Select Features	>	
	Rule Conversion/ Process Config	>	

P Address/Hostna	me	
10.106.52.10		
Jsername		
assword		

11. Once the FMC is connected, the managed FTDs under it are displayed.

Cisco Firepower Migration Tool		
Select Target 💿	Gathering details	Source: Cisco ASA (8.4+)
Connect to FMC		~
FMC IP Address/Hostname 10.106.52.10 Connect Successfully connected to FMC		
Choose FTD		>
Select Features		>
Rule Conversion/ Process Config		>

12. Choose the FTD to which you want to perform the migration of the ASA configuration.

(Select FTD Device	Proceed without FTD
	FTD (10.106.52.20) - VMWare (Native)	~
	Please ensure that the firewall mode configured on the target FTD device is the same as in the uploaded AS: FMC.	SA configuration file. The existing configuration of the FTD device on the FMC is erased when you push the migrated configuration to the
	Proceed	

Note: It is recommended to choose the FTD device, else interfaces, routes, and site-to-site VPN configuration must be done manually.

Firepower Migration Tool		000
Select Target ①		Source: Cisco ASA (8,4+)
Connect to FMC		>
FMC IP Address/Hostname: 10.106.52.10		
Choose FTD		\sim
Select FTD Device Select FTD Device	Proceed without FTD	
Interface, Routes and Site-to-Site VPN Tunnels won't be migrated		
Proceed		
Select Features		>
Rule Conversion/ Process Config		>

13. Choose the features required to be migrated as shown in the image:

Device Configuration	Shared Configuration	Optimization		
Interfaces	Access Control	Migrate Only Referenced Objects		
Routes	Populate destination security zones	Object Group Search 🕕		
Site-to-Site VPN Tunnels	Migrate tunnelled rules as Prefilter	Migrate tunnelled rules as Prefilter		
 Policy Based (Crypto Map) 	NAT	Inline Grouping		
Route Based (VTI)	Vetwark Objects	CSM/ASDM		
	Port Objects			
	Time based Objects			

14. Choose **Start Conversion** in order to initiate the pre-migration which populates the elements pertaining to FTD configuration.

Rule Conversion/ Process Config					~		
Start Conversion							
0 parsing errors found. Refer to the pre-migration report for more details.							
Please download the Pre-Migration report for a detailed summary of the parsed configuration. Download Report							
13		98			30		
Access Control List Lines	Network Objects			Port Objects			
2		0	4		1		
Lonical Interfaces		Static Routee	Notwork Addresse Transis	dian.	Site to Site VDN Tunnele		
Cogical Interfaces		Statu Poulos	Hereful Address Hallsle		Site wate year turnets		

15. Click **Download Report** seen previously in order to view the Pre-Migration Report which is as shown in the image:

6	\rightarrow	C		File	/Users/caroldso/Downloads/pre	_migration	_report_a	asa_2021-	11-23	_09-41	-15.html
---	---------------	---	--	---------------	-------------------------------	------------	-----------	-----------	-------	--------	----------

CISCO Pre-Migration Report

Note: Review all contents of this pre-migration report carefully. Unsupported rules will not be migrated completely, which can potentially alter your original configuration, restrict some traffic, or permit unwanted traffic. We receive the proposer Threat Defense after the configuration is successfully migrated.

1. Overall Summary:

A summary of the supported ASA configuration elements that can be successfully migrated to Firepower Threat Defense.

Collection Method	Manual
ASA Configuration Name	ASAConfig.cfg.txt
ASA Version	9.12(2)
ASA Hostname	asa
ASA Device Model	FPR4K-SM-12, 56533 MB RAM, CPU Xeon E5 series 2200 MHz, 1 CPU (24 cores)
Hit Count Feature	No
IP SLA Monitor	0
Total Extended ACEs	13
ACEs Migratable	13
Site to Site VPN Tunnels	1
Logical Interfaces	2
Network Objects and Groups	98
Service Objects and Groups	30
Static Routes	9
NAT Rules	4

Note: ACEs that are applied outbound or not attached to interfaces using the access-group command are ignored.

16. Map ASA interfaces to FTD interfaces as required as shown in the image:

D Interface Name	
lect Interface	
gabitEthernet0/0	
gabitEthernet0/1	-
	1
ŝ	gabitEthernet0/1 igabitEthernet0/2

17. Assign security zones and interface groups to the FTD interfaces.

cisco	Firepower Migration Tool				009
	Map Security Zones and Inte	rface Groups 🕢	~	Add SZ & IG Auto-Create	Source: Cisco ASA (8.4+) Target FTD: FTD
	ASA Logical Interface Name	FTD Interface	FMC Security Zones	FMC Interface Groups	
	inside	GigabitEthernet011	Select Security Zone 🗸	Select Interface Groups	
	Outside	GigabitEthernet012	Select Security Zone 🗸 🗸	Select Interface Groups 🗸 🗸	

17.1. If the FMC has security zones and interface groups already created, you can choose them as needed:

FMC Security Zones	
✓ Select Security Zone	
outside	
inside	

17.2. If there is a need to create security zones and an Interface group, click Add SZ & IG as shown in the image:

		×
	Add SZ & IG	
Security Zones (SZ) Interface	e Groups (IG)	
Add	Max 48 characters for Interface	Group name. Allowed special characters are+
Interface Groups	Туре	Actions
Inside	ROUTED	
	0-0 of 0 🛛 🗐 🖉 1	▶ ▶]
	Close	

17.3. Otherwise, you can proceed with the option **Auto-Create** which creates security zones and interface groups with the name **ASA logical interface_sz** and **ASA logical interface_ig** respectively.



cisco	Firepower Migration Tool				
	Map Security Zones and Inter	face Groups 🕕	×)		
				Add SZ & IG Auto-Cr	eate
	ASA Logical Interface Name	FTD Interface	FMC Security Zones	FMC Interface Groups	
	Inside	GigabitEthernet0/1	inside 🗸	Inside_ig (A)	~
	Outside	GigabitEthernet0/2	outside 🗸	Outside_ig (A)	~

18. Review and validate each of the FTD elements created. Alerts are seen in red as shown in the image:

ujuiju cisco	Firepo	wer Mig	ration Tool				Ŭ						000
	Optir	mize, Re	eview and Valida	ate Config	uration 🕕		×.				Source: Cisco AS Target FTD: FTD	A (8.4+)	
	Access (Control N	AT Network Objects	Port Objects	Interfaces Routes	VPN Objects	Site-to-Site VPN	Tunnels 🕕					
	ACP	Pre-filler											
	Sek	ect all 13 entr	ies Selected: 0 / 13								O Canach		1.
		out an 10 the	to be added of 15	Accounts +	Sere						< outrain		<u> </u>
				_	SOURCE			DESTINATION					
			Name	Zone	Network	Port	Zone	Network	Port	State	Action	ACE Count	
			Q	Q	<u>a</u>	Q	Q	Q	Q	Q	<u>र</u> <u>व</u>	Q	
		1	Cutside_access_in_#1	outside	any	ANY	ANY			✓ % 1₀ E₀	Allow	1	_
	0	2	Outside_access_in_#2	outside	any	ANY	ANY				Abow	1	_
	0	3	Outside_access_in_#3	outside	any	ANY	ANY				Allow	2	
		4	Outside_access_in_R4	outside	any	ANT	ANT				ALOW	4	
	0	5	Outside_access_in_Hs	outside	any	ANY	ANY				Allow	3	
2	U	0	Ouside_access_in_46	outside	any	ANY	ANT				ALOW	2	_
		'	Outside_access_in_#7	outside	any	ANY	ANT				ALOW	3	_
	0	•	Outside_access_in_Wa	outside	any	ANY	ANT				Non	1	_
	U	30	Outside_access_in_A9	outside	any	ANY	ANY				Allow	0	
	0	10	Outside_access_in_M10	outside	any	ANY	ANY		0.111		New	2	
	0	10	Cuside_access_in_#11	outrido	any	ANT ANY	ANY				- North	4	_
		12	Outside_access_in_#12	Dittaide	any	ANT	ANT				A00W	1	_
50 v g	erpage 11	to 13 of 13	∢ ∢ Pageof 1	► H									
	Update t For addit	the Pre-Share tional help, di	d-Key/PKI Certificate column ick.here.	n highlighted in V	ellow for each VPN-tun	nel rows under Site-to-	Site VPN Tunne	is tab to validate and proce	eed with migration		Optin	vize ACL ^(Beta)	idate

19. The migration actions can be chosen as shown in the image if you want to edit any rule. FTD features of adding files and IPS policy can be done at this step.

ACP	Pre-filter			
Selection	t all 13 entries	Selected: 13 / 13	Actions - Save	
			MIGRATION ACTIONS	SOURCE
	#	Name	Do not migrate	twork
		Q	RULE ACTIONS	
	1	Outside_access_in_#1	File Policy	
I	2	Outside_access_in_#2		
v	3	Outside_access_in_#3	IPS Policy	
~	4	Outside_access_in_#4	Log	
~	5	Outside_access_in_#5	Rule Action	
v	6	Outside_access_in_#6	outside any	

Note: If File Policies already exist in the FMC, they are populated as shown in the image. The same holds true for IPS policies along with the default policies.

		×
	File Policy	
Select File Policy *		
		^
eicar		
None		
	Cancel Select	

Log configuration can be done for the required rules. Syslog server configuration existing on the FMC can be chosen at this stage.

	×
Log	
Log at the beginning of connection	
Send connection events to:	
Syslog ~	
Cancel Save	

The rule actions chosen are highlighted accordingly for each rule.



Alert is notified as shown in the image in order to update the pre-shared key since it does not get copied in the ASA configuration file. Navigate to Actions > Update Pre-Shared Key in order to enter the value.

Optimize, Rev	view and Vali	date Configura	tion 🕡							Source: Cis Target FTD:	sco ASA (8.4+) s FTD		
Access Control NAT	Network Objects Selected: 1 / 1	Port Objects Intert	aces Routes	VPN Objects	Site-to-Site VPN Tunnel	•				Q. Search	h		+
		MIGRATION ACTIONS					A	uthenticatio	n Type		Protecte	d Networks	
Source	e Interface N	Do not migrate	oto Poer IP	IKE	IKEV1/IKEV2 P	IKEV1/IKEV2 IPSEC P	Preshar	•	PKI Certi	0 so	surce Net	Romote Net	
☑ 1 Outside	Pa	Update Pre-shared Key ky dased D	mamic	loev2	asa_kev2_policy_1	AES256,AES182,AES,3DES,				arry-k	pvd	any-ip#4	
erpage 1to1of1 [4 -	< Page of 1	► H											

Update Pre-Shared Key	×
Pre-Shared Key IKEv2	
Cancel Save	

21. Finally, click the **Validate** icon at the bottom right of the screen as shown in the image:



22. Once the validation is successful, click **Push Configuration** as shown in the image:

		Validatio	n Status		×
	\oslash	Succe	essfully Validated		
Validation Summary (Pre-push)					
13 Access Control List Lines		Networ	37 rk Objects		14 Port Objects
2 Logical Interfaces	9 tatic Routes	4 Network Address Tra	1 Site-to-Site VPN Tunnels		
Note: The configuration	ation on the t	target FTD device FTD	D (10.106.52.20) will be or	verwritten as	s part of this migration.

PUSHING

0% Complete

Push In progress. Refer FMT Terminal to monitor the migration status.

← → C △ () localhost:8888//#jhome				* 🔕 🕫	• 🖪 🗂 🕝 🋪 🦛	Update :
titule Firepower Migration Tool					0	00
Complete Migration Migration Status	PUSHING 100% Complete Push in progress, Rafer FM migration status.	State	Source: Cisco ASA (8.4+) Target FTD: FTD Status			
Next Step - Login to FMC to deploy the policy to FTD.		Oper	mization is not applied for this n	nigration.	Expand panel to show	video
Live Connect: Selected Context: Single Context Mode Migration Summary (Post Push)						
13 Access Control List Lines	S Network	37 K Objects	14 Port Objects			
2	9	4		1		
Logical Interfaces	Static Routes	Network Address Transla	tion	Site-to-Site VPN	Tunnels	

23. Once the migration is successful, the message that is displayed is shown in the image.

cisco	Firepower Migration Tool						000
	Complete Migration ()						
	Migration Status			Optimization Statu	5		
	Migration is complete, policy is pushed to FMC. Next Step - Legin to FMC to deploy the policy to FTD.			ACL Optim	ization is not applied f	for this migration.	
	Live Connect:						
	Selected Context: Single Context Mode						
	Migration Summary (Post Push)						
	13 Access Control List Lines		3 Network	7 C biects		14 Part Objects	
				- organiz		, en engrene	
	2		9	4		1	
	Logical Interfaces		Static Routes	Network Address Translati	on	Site-to-Site VPN Tunnel	5
	Please download the Post-Push migration report for a datalled su	ummary. Downl	oad Report				

Note: If the migration is unsuccessful, click **Download Report** in order to view the Postmigration report.

Complete Migration 💿	×	Source: Cisco ASA (8.4+) Target FTD: FTD
Migration Status	Optimization Status	
Migration Unsuccessful! Internal Server Error.	ACL Optimization refined optimization	on is successful but due to migration failure the d policy cannot be deployed to FMC.
Please refer logs for more details. Download Report		
Contact Support		

Verify

Use this section in order to confirm that your configuration works properly.

Validation on the FMC:

1. Navigate to Policies > Access Control > Access Control Policy > Policy Assignment in order to confirm that the selected FTD is populated.

Ov Ac	Dverview Analysis Policies Devices Objects AMP Intelligence Og Depioy System Help + admin + Access Control + Access Control +															
FT	FTD-Mig-ACP-1637743796 Policy created from source with hostname asa												Analyze	Hit Counts	Cancel	
Pre	liter Policy: <u>Defaul</u>	Profilter Policy			SSL Policy: 8	016			Identity Polic	* Note				Te Interitar	tos Settings 🖳 Policy J	Assignments (1)
R	ales Security In	telligence HTTI	Responses Log	ging Advanced											O Mil Column	O Mar Date
	Name	Source Zone	s Dest Zones	Source Netw	. Dest Networks	VLAN Taga	Users	Applications	Source Ports	Dest Ports	URLs	Source SGT	Dest SGT	Action		
Ŀ	Mandatory - FTD-	Nig-ACP-1637743	796 (-)													
Th	ere are no rules in th	is section. Add Rule	or Add Category	Pol	icy Assignments							? ×				
Ľ	Default - FTD-Mig	-ACP-163774379(; (1-13)		Targeted Devices											
1	Outside_eccess_i	n_# 🚠 outside	Any	au y	Select devices to which	you want to apply	y this policy.						Any	Allow .	a v 0.8 m.	B 0 0 B
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	****	a o anteide					_	_			ок	Cancel	- 13 of 13 rules	< Fage 1	ma ∽ ⊂ o ⇔ i nt > > C Rules p	er page: 100 •

Note: The migration access control policy has a name with the prefix FTD-Mig-ACP. If no FTD was selected earlier, the FTD must be selected on the FMC.

2. Push the policy to the FTD. Navigate to Deploy > Deployment > FTD Name > Deploy as shown in the image:

Overview Anal	alysis Policies C	evices Objects	AMP	Intelligence						0, Deploy System	n Help v adminv
										Deployment	Deployment History
0. Search using	a device name. Ivoe.	iomain, aroua ar stal	18								Deploy
O De	rvice				Inspect Interruption	Туре	Group	Last Deploy Time	Preview	Status	
→ ○ 10.	.88.171.31				📌 Yes	FTD		Nov 23, 2021 11:24 PM	3	Pending	
> . NG	SUPS					Sensor			5.	Pending	
> D FT	D				W YRS	FTD		Nov 23, 2021 11:17 PM	3.	Completed	

Known Bugs Related to the Firepower Migration Tool

- Cisco bug ID <u>CSCwa56374</u> FMT tool hangs on zone mapping page with error with high memory utilization
- Cisco bug ID <u>CSCvz88730</u> Interface push failure for FTD Port-channel Management interface type
- Cisco bug ID <u>CSCvx21986</u> Port-Channel migration to Target Platform Virtual FTD is not supported
- Cisco bug ID <u>CSCvy63003</u> Migration Tool must disable the interface feature if FTD is already part of the Cluster
- Cisco bug ID <u>CSCvx08199</u> ACL needs to split when the application reference is more than 50

Related Information

- Migrating ASA Firewall to Threat Defense with the Firewall Migration Tool
- <u>Technical Support & Documentation Cisco Systems</u>