# 在CDO上初始化并启动防火墙迁移工具

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## 简介

本文档介绍如何初始化、启动和使用Cisco Defense Orchestrator(CDO)平台上的Firepower迁移工具(FMT)。

### 先决条件

### 要求

建议掌握下列主题的相关知识:

Firepower迁移工具(FMT)。 思科防御协调器(CDO)。 Firepower威胁防御(FTD)。

自适应安全设备(ASA)

使用的组件

防火墙迁移工具(版本4.0.3)。

思科防御协调器。

云交付的防火墙管理中心。

自适应安全设备。

Firepower线程防御。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原

始(默认)配置。如果您的网络处于活动状态,请确保您了解所有命令的潜在影响。

### 背景信息

CDO中的迁移工具从您选择的源设备或您上传的配置文件提取设备配置,并将它们迁移到CDO租户 上调配的云交付防火墙管理中心。

验证配置后,您可以在云交付的防火墙管理中心上手动配置不受支持的配置。

配置

初始化

这些图像描述如何在CDO上初始化Firepower迁移工具。

1. — 要初始化防火墙迁移工具,请打开您的CDO租户并导航到工具和服务>防火墙迁移工具。

-ili-ili- cisco	Defense Orchestrator				Q Search	<b>₽</b> •
	Hide Menu	Welcome to Cisco De	efense Orchestra	tor		
0	Multicloud New	Inventory & Objects				
Conf	Inventory	Connectivity States		Configuration States		Object Issue
٢	Policies >			2 Synced	0	Object status
$\otimes$	Objects >		Errore			All Objects
°Å°	VPN >	1 Z 1 total	<ul> <li>Online</li> </ul>	0 Not Synced	¢	nconsiste
Even	Analytics					Duplicate
٩	Change Log			0 Conflict Detected	A	Unused
<u></u>	Jobs		)			
×	Tools & Services	Tools & Services	Migrations			
<u>ين</u>	Settings >	Ø Dynamic Attributes Connector	💼 Firewall Migration Tool 🛛	łew		
			Migrate FTD to cdFMC			
		G Firewall Management Center				
						No Acti

2. — 选择蓝色加号(+)按钮以创建新的迁移过程。



3. — 为了初始化迁移过程,CDO自动生成一个默认名称,您可以根据需要更改该名称,然后只需 单击"OK"即可。

Firewall Migration Tool		Q Search	¢ <b>₁</b> -	4 🕇 -	
<b>Q</b> Search for a migration by name	Initialize Migration	×			
Name ¢	To initialize the migration process, name this migration ar notify you when the migration tool is ready for use. When named migration and launch the tool.	nd click OK. CDO will n ready, select this	jDate ≑	Actio	ins
	Name *		Networks firewalls	to FTD.	
	ASA-migration-to-FTD				
	This is an auto-generated name. You can change it if you	wish.			
		Cancel OK			

### 启动

1. — 等待迁移过程完成;状态必须从"正在初始化"更改为"准备迁移"。准备就绪后,您可以启动 FMT。

Firewall Migration Tool			Q Search		₽.	\$2.	ŝ	? •	cmonterr_cdo Imatuscl@cisco.com
Q         Search for a migration by name			Displaying 1 of 1 results						i C +
Name ¢	Status	Created Date 💠		Deprovisioning Date 🗢		Act	tions		
ASA-migration-to-FTD	<ul> <li>Ready to Migrate</li> </ul>	Jul 18, 2023		Jul 25, 2023		4	f 🖻 🗖	aunch	

2. — 迁移工具的云实例将在新的浏览器选项卡中打开,使您能够使用指导式工作流程执行迁移任务。

CDO中的迁移工具使您无需下载和维护安全防火墙迁移工具的桌面版本。



Select Source Configuration () Source Firewall Vendor	Cisco ASA (8.4+) Pre-Migration Instructions	
Cisco ASA (8.4+) Start Migration	(i) This migration may take a while. Do not make any changes to the Firepower Management Center (FMC) progress.	when migration is in
	Session Telemetry:         Cisco collects the firewall telemetry set forth below in connection with this migration. By completing the migration, collection and use of this telemetry data for By completing the migration, you consent to Cisco's collection and use for purposes of tracking and following up on firewall device migrations and performing related migration analytics.         Acronyms used:       FMC: Firepower Management Center         FTD: Firepower Threat Defense       FMC: Firepower Management Center	you consent to Cisco's e of this telemetry data
	Before you begin your Adaptive Security Appliance (ASA) to Firepower Threat Defense migration, you must have • Stable IP Connection:	the following items:

### 迁移示例

这些图像显示了FMT过程的快速示例。此示例将ASA配置文件迁移到CDO上托管的云交付防火墙管 理中心。

#### 1. — 导出ASA配置并将其上传到"手动配置上传"选项。如果您的ASA已注册到CDO,则可以使用 "连接到ASA"选项。

Firewall Migration Tool (Version 4.0.3	)	• •
Extract Cisco ASA (8.4+) Information 🕕		Source: Cisco ASA (8.4+)
Extraction Methods		~
Manual Configuration Upload         • File format is ".cfg" or ".txt".         • For Multi-context upload a show tech. For Single-context upload show running.         • Do not upload hand coded configurations.         Upload	Connect to ASA   Select any ASA device onboarded on CDO from the below dropdown.  Only devices with online connectivity and synced status will be displayed in the dropdown.  Connect	
Context Selection		>
Parsed Summary		>

2. — 在本示例中,FMT将"情景选择"自动设置为单情景模式。但是,如果您的ASA配置在多模式下 运行,则可以选择要迁移的情景。

? 🖏

Firewall Migration Tool (Version 4.0.3)									
Extract Cisco ASA (8.4+) Information  Source: Cisco ASA (8.4+)									
Extraction Methods									
Manual Upload: shtech_asav-a.txt									
Context Selection V									
Selected Context: Single Context Mode									
Parsed Summary					$\sim$				
Collect Hitcounts: No. Hitcount informa	Collect Hitcounts: No. Hitcount information is only available when connected to a live ASA.								
2 Access Control List Lines	0 Access List Objects (Standard, Extended used in BGP/RAVPN/EIGRP)	0 Network Objects	0 Port Objects	0 Dynamic-Route Objects (AS-Path, Community-List, Policy-List, Prefix-List, Route-Map)					

Back

#### 3.-FMT解析ASA配置并显示您的配置摘要。验证并点击"下一步"以继续后续步骤。

2	0	0	0	0
access Control List Lines	Access List Objects (Standard, Extended used in BGP/RAVPN/EIGRP)	Network Objects	Port Objects	Dynamic-Route Objects (AS-Path, Community-List, Policy-List, Prefix-List, Route-Map)
0	4	3	0	0
twork Address Translation	Logical Interfaces	Routes (Static Routes, Policy Based Routing, ECMP)	Site-to-Site VPN Tunnels	Remote Access VPN (Connection Profiles)

3. — 继续执行与桌面版本工具中相同的正常FMT步骤。请注意,在本示例中,没有出于实际目的选 择目标设备。

cisco Firewall N	Migration Tool (Versio	on 4.0.3)					10
	1 Extract ASA Information	2 Select Target	3 Map FTD Interface	4 Map Socurity Zones & Interface Groups	5 Optimize, Review & Validate	6 Complete Migration	
Select Target ()				^			Source: Cisco ASA (8.4+)
Firewall Management - (	Cloud-delivered FMC						$\rightarrow$
Choose FTD							$\sim$
Select FTD Device				Proc	eed without FTD		
Select FTD Device				$\sim$			
👴 Interface, Routes and S	ite-to-Site VPN Tunnels won't be m	ligrated					
Proceed Change	Device Status						
Select Features							>
Rule Conversion/ Proce	ss Config						>

#### 4. — 完成所有FMT验证后,配置会被推送到云交付的Firepower管理中心。



Migration Summary (Post Push)

# 相关信息

- 安全防火墙迁移工具故障排除。
- <u>Cisco Defense Orchestrator中的防火墙迁移工具入门。</u>

#### 关于此翻译

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