在CDO上初始化並啟動防火牆遷移工具

目錄			
<u>簡介</u>			
<u>必要條件</u>			
<u>需求</u>			
<u>採用元件</u>			
<u>背景資訊</u>			
<u>設定</u>			
<u>初始</u>			
<u>啟動</u>			
遷移示例			
<u>相關資訊</u>			

簡介

本文檔介紹如何在Cisco Defense Orchestrator(CDO)平台上初始化、啟動和使用Firepower遷移工具(FMT)。

必要條件

需求

思科建議瞭解以下主題:

Firepower遷移工具(FMT)。 Cisco Defense Orchestrator(CDO)。 Firepower威脅防禦(FTD)。

調適型安全裝置(ASA)

採用元件

防火牆遷移工具(版本4.0.3)。

Cisco Defense Orchestrator.

雲交付的防火牆管理中心。

自適應安全裝置。

Firepower執行緒防禦。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除(預設

)的組態來啟動。如果您的網路運作中,請確保您瞭解任何指令可能造成的影響。

背景資訊

CDO中的遷移工具從您選擇的源裝置或您上傳的配置檔案提取裝置配置,並將它們遷移到CDO租戶 上調配的雲交付的防火牆管理中心。

驗證配置後,您可以在雲交付的防火牆管理中心上手動配置不受支援的配置。

設定

初始

以下影象介紹了如何在CDO上初始化Firepower遷移工具。

1. — 要初始化防火牆遷移工具,請開啟您的CDO租戶並導航到工具與服務>防火牆遷移工具。

uluulu cisco	Defense Orchestrator				Q Search	⊳ ••
=	Hide Menu Dashboard	Welcome to Cisco De	efense Orchestra	tor		
0	Multicloud New	Inventory & Objects				
Cont	Inventory	Connectivity States		Configuration States		Object Issue
٢	Policies >			2 Synced	o	Object status
\diamondsuit	Objects >					All Objects
ŝ	VPN >	1 Z 1 total	 Errors Online 	0 Not Synced	©	🖶 Inconsist
Even	its & Monitoring					Duplicate
\mathcal{N}	Analytics >			O Conflict Detected	٨	Unused
٩	Change Log			0 connet betected	4	I
<u>(*)</u>	Jobs)			
×	Tools & Services	Tools & Services	Migrations			
ŝ	Settings >	Dynamic Attributes Connector	🛍 Firewall Migration Tool 🛛	łew		
			Migrate FTD to cdFMC			
		Firewall Management Center				
_						No Acti

2. — 選擇藍色加號(+)按鈕以建立新的遷移流程。



3. — 為了初始化遷移過程,CDO會自動生成預設名稱,如果您願意,可以更改該名稱,只需按一下「OK」即可。

Firewall Migration Tool		Q Search	► ► ► ► ►
T Q Search for a migration by name	Initialize Migration	×	
Name ¢	To initialize the migration process, name this migration and notify you when the migration tool is ready for use. When re named migration and launch the tool.	click OK. CDO will eady, select this	te ¢ Actions
	Name *	Ne	tworks firewalls to FTD.
	ASA-migration-to-FTD		
	This is an auto-generated name. You can change it if you wis	sh.	
		Cancel	

啟動

1. — 等待遷移過程完成;狀態必須從「正在初始化」更改為「準備遷移」。一旦準備就緒,您就可 以啟動FMT。

Firewall Migration Tool			Q Search		₽.	42.	ŝ	? •	cmonterr_cdo
Q Search for a migration by name			Displaying 1 of 1 results						i C +
Name \$	Status	Created Date 🜩		Deprovisioning Date 💠		Ac	tions		
ASA-migration-to-FTD	 Ready to Migrate 	Jul 18, 2023		Jul 25, 2023		C	7 @ L	aunch	

2. — 遷移工具的雲例項將在新的瀏覽器頁籤中開啟,並允許您使用指導式工作流執行遷移任務。

CDO中的遷移工具無需下載和維護安全防火牆遷移工具的案頭版本。



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

遷移示例

這些影象顯示了FMT流程的一個快速示例。此示例將ASA配置檔案遷移到雲交付的CDO上託管的防 火牆管理中心。

1. — 匯出ASA配置並將其上傳到「手動配置上傳」選項。如果您的CDO上已經安裝了ASA,您可 以使用「連線到ASA」選項。

Firewall Migration Tool (Version 4.0.3)	0 0
Extract Cisco ASA (8.4+) Information 0	~	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將「上下文選擇」自動設定為單上下文模式。但是,如果ASA配置在多模式 下運行,您可以選擇要遷移的上下文。

2 3

xtract Cisco ASA (8.4	+) Information 🕕			Source: Cisco AS/
xtraction Methods				
anual Upload: shtech_asav-a.txt				
Context Selection				
elected Context: Single Context Mo	ode			
arsed Summary				
Ilect Hitcounts: No. Hitcount inform	ation is only available when connected to a live AS	SA.		
2	0	0	0	0
Access Control List Lines	Access List Objects (Standard, Extended used in	Network Objects	Port Objects	Dynamic-Route Objects (AS-Path, Community-List, Policy-List,

3.- FMT解析ASA配置並顯示您的配置摘要。驗證並點選「下一步」以繼續後續步驟。

2	0	0	0	0
2	Ŭ	Ū	Ū	v
ccess Control List Lines	Access List Objects	Network Objects	Port Objects	Dynamic-Route Objects
	(Standard, Extended used in			(AS-Path, Community-List, Policy-List, Prefix List, Route Map)
				· · · · · · · · · · · · · · · · · · ·
0	4	3	0	0
work Address Translation	Logical Interfaces	Routes	Site-to-Site VPN Tunnels	Remote Access VPN
		(Static Routes, Policy Based Routing,		(Connection Profiles)
		ECMP)		

3. — 繼續使用與案頭版本工具相同的常規FMT步驟。請注意,本示例中沒有為實際目的選擇目標裝置。

cisco Firewall	Migration Tool (Version	on 4.0.3)					1) 💿
	1 Extract ASA Information	2 Select Target	3 Map FTD Interface	4 Map Security Zones & Interface Groups	5 Optimize, Review & Validate	6 Complete Migration		
Select Target	D			^			Source: Cisco ASA (8.4+)
Firewall Management	t - Cloud-delivered FMC							>
Choose FTD								\sim
Select FTD Device				Proc	eed without FTD			
Select FTD Device				\sim				
👴 Interface, Routes and	d Site-to-Site VPN Tunnels won't be m	ligrated						
Proceed Chan	ge Device Status							
Select Features								>
Rule Conversion/ Pro	cess Config							>

4. — 完成所有FMT驗證後,配置將推送到雲交付的Firepower管理中心。

Firewall Migration Tool (Version 4.0.3)
Complete Migration ()
Migration Status
Migration is complete, policy is pushed to FMC. Next Step - Login to FMC to deploy the policy to FTD.
Manual Upload: shtech_asav-a.txt
Selected Context: Single Context Mode
Migration Summary (Post Push)

相關資訊

- 安全防火牆遷移工具的故障排除。
- <u>Cisco Defense Orchestrator中的防火牆遷移工具入門。</u>

關於此翻譯

思科已使用電腦和人工技術翻譯本文件,讓全世界的使用者能夠以自己的語言理解支援內容。請注 意,即使是最佳機器翻譯,也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準 確度概不負責,並建議一律查看原始英文文件(提供連結)。