مادختساب ASA نيوكت فلم نم FTD نيوكت Firepower ليحرت ةادأ

تايوتحملا

<u>قمدق ملا</u> <u>قمدق ملا</u> <u>قمد ختس مل ا تاب لطت ملا</u> <u>قمد ختس مل ا تان وكملا</u> <u>مدن ساس ا تامول عم</u> <u>مدن ساس ا تامول عم</u> <u>من وكتلا</u> <u>من وقر عمل ا عاط خال</u> <u>قل ص تاذ تامول عم</u>

ەمدقملا

نع عافدلا" ةزيم ىلإ (ASA) فيكتلل لباقلا نامألا زامج ليحرتل الاثم دنتسملا اذه حضوي يف "(FTD) ةيرانلا ةقاطلا ديدهت

ةيساسألا تابلطتملا

تابلطتملا

:ةيلاتا عيضاوملاب ةفرعم كيدل نوكت نأب Cisco يصوت

- ASA ب ةيساسأ ةفرعم •
- FTD و FirePOWER (FMC) ةرادإ زكرم ةفرعم •

ةمدختسملا تانوكملا

ةيلاتلا ةيداملا تانوكملاو جماربلا تارادصإ ىلإ دنتسملا اذه يف ةدراولا تامولعملا دنتست:

- ASA رادصإلا 9.12(2)
- 6.7.0 رادصًإلا FTD
- 6.7.0 رادصإلا، FMC
- 2.5.0 رادصإلا، Firepower ليحرت ةادأ •

ةصاخ ةيلمعم ةئيب يف ةدوجوملا ةزهجألاا نم دنتسملا اذه يف ةدراولا تامولعملا عاشنإ مت. تناك اذإ .(يضارتفا) حوسمم نيوكتب دنتسملا اذه يف ةمدختسُملا ةزهجألا عيمج تأدب رمأ يأل لمتحملا ريثأتلل كمهف نم دكأتف ،ليغشتلا ديق كتكبش.

ةيساسأ تامولعم

ةحوللاا ةرادإ يف مكحتلا ةدحو رشن بجي .**txt**. وأ cfg. قيسنتب ASA نيوكت فلم ريدصت

نيوكتلا

.ةروصلا يف حضوم وه امك <u>software.cisco.com</u> نم "Firepower ليحرت ةادأ" ليزنتب مق .1



2. ةادأ مسقب ةصاخلا <u>دودحلاو ةيەيجوتلا ئدابمل</u>ا يف اەنم قىقحتلاو تابلطتملا ةعجارم ليحرت Firepower.

متي ال ثيحب نوكسلا تادادعإ نيوكتب مق ،ريبك نيوكت فلم ليحرتل ططخت تنك اذإ .3 ليحرتلا عفد ةيلمع ءانثاً نوكسلا عضو يف ماظنلا عضو.

3.1. ىلع رقنا ."مكحتلا ةحول" يف "ةقاطلا تارايخ" ىلإ لقتنا ،Windows ماظنل ةبسنلاب عضو يف رتويبمكلا عضو رييغت .ةيلاحلا ةقاطلا ةطخل ةرواجملا **قطخلا تادادعإ رييغت** تارييغتلا ظفح قوف رقنا .ا<mark>دبأ مادختسالا مدع</mark> ىلإ **نوكسل**ا.

عض .**(ةقاطلا ريفوت) Energy Saver < ماظنلاا تاليضفت** ىلإ لقتنا، Mac ىلإ ةبسنلاب .3.2 ضرعلا ليغشت فاقيإ دنع ايئاقلت مونلا نم رتويبمكلا عنمل يلاتلا عبرملا يف ةمالع ادبأ" ىلإ قلزنملا دعب **ضرعلا ليغشت فاقيإ** بحساو".

مت يذلا فلملا حتف MAC ومدختسم لواحي امدنع راوح عبرم ريذحتلا اذه رهظي :**قظحالم** أ 4 ةوطخلا عبتاو اذه لهاجت .هليزنت.



4. A. for MAC - رماوألا هذه ليغشتب مقو ةيفرطلا ةطحملا مدختسأ.

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: Extracting binaries

```
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/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.png HTTP/1.1" 200 -
127.0.0.1 - [23/Nov/2021 14:49:48] "GET /assets/images/3.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
```

4. B. for Windows - ضرعتسم يف اهقالطإل "Firepower ليحرت ةادأ" قوف اجودزم ارقن رقنا - Google Chrome.

.ةروصلا يف حضوم وه امك صيخرتلا لوبق .5

$\leftarrow \rightarrow$ C \triangle () 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 contract to applicable law. You are not licensed to Use the Software on
Proceed

ليحرت ةادأ ىلإ لوخدلا ليجست قحفص يف .6 لوخدلا ليجست قحفص يف .6 دامتعا تانايب مادختساب Cisco.com ىلع كباسح ىلإ لوخدلا ليجستل CCO مادختساب يداحألا لوخدلا ليجست ةحفص ىلع ەؤاشنإ كيلعف ،Cisco.com عقوم ىلع باسح كيدل نكي مل اذإ :**قظحالم** دامتعالا تانايب مادختساب لوخدلا لچس .Cisco.com عقوم ىلع لوخدلا ليچست دامتعالا تانايب مادختساب لوخدلا لي يست username—admin password-admin123.

Redirecting
You will be redirected to the Cisco login Please login with your CCO credentials.
Do it later Continue

7. نوكتس ،ويرانيسلا اذه يف .ردصملا نيوكت ددح Cisco ASA (8.4+).



نيوكتلا دادرتسإ كنكمي ،الإو .ASA عم لاصتا كيدل نكي مل اذإ يوديلا ليمحتلا ددح .8 يف .لوخدلا ليجستو ةرادإلاب ةصاخلا IP ليصافت لخدأو ASA نم هليغشت يراجلا يودي ليمحت ءارجإ مت ،هب انمق يذلا ويرانيسلا

← → C △ ③ localhost.8888/Whome		x) 🔕
cisco Firepower Migration Tool		
Extract Cisco ASA (8.4+) Information o		
Extraction Methods		
Manual Upload	Connect to ASA	
 File format is '.ctg' or '.tx'. 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	
Орюна		

قيسنتلا رييغت نم دكأتلا ءاجرلا .موعدم ريغ فلملا ناك اذا أطخلا اذه رهظي :**ةظحالم** .يداع صن ىلإ أطخ رهظي) .يداع صن يل

\bigotimes	Blocked Please upload .txt or .cfg files only	×
--------------	--	---



ةروصلا يف حضوم وه امك صخلم ريفوتل رصانعلا ليلحت متي ،فلملا ليمحت دعب .9:

Firepower Migration Tool			00	
Extract Cisco ASA (8.4+) Information	0		Source: Cisco ASA (8.4+)	
Extraction Methods				
Manual Uplead: ASAConfig clg.bit				
Context Selection			>	
Selected Context: Single Context Mode				
Parsed Summary			~	
Collect Hitcounts: No. Hitcount information is only available	when connected to a live ASA.			
20	8	8	14	
Access Control List Lines	Network	Oljada	Port Objects	
8	9	4	1	
Lopical Interfaces	Danic Routes	Network Address Translation	Gite-to-Gite VPN Turnets	
Pre-migration report will be available after selecting the larg	ets.			

دكأت .اهيلإ ASA نيوكت ليحرت متيس يتلا لوخدلا ليجستو FMC IP دامتعا تانايب لخدأ .10 لمعلا ةطحم نم (FMC) ةيساسألا ةحوللا ةرادإ يف مكحتلا ةدحول IP ىلإ لوصولا ةيناكمإ نم كيدل.

cisco	Firepower Migration Tool	(000
	Select Target ()	Source: Clsco ASA (8.4+)	
	Connect to FMC	×	
	PMC IP Address/Hostname 10.106.52.10 Consect		
	Choose FTD	>	
	Select Features	>	
	Rule Conversion/ Process Config	>	

	×
FMC LOGIN	
IP Address/Hostname	
10.106.52.10	
Username	
Password	

FTD تافلم ضرع متيس ،(FMC) ةيساسألاا ةحوللاا ةرادإ يف مكحتلا ةدحو لاصتا درجمب .11 اەتحت يتلا قرادملا.

diado cisco	Firepower Migration Tool		
	Select Target 📀	Gathering datalls	Source: Cisco ASA (8.4+)
	Connect to FMC		~
	FMC IP Address/Hoshame 19.106.52:10 Connect Successfully connected to FMC		
	Choose FTD		>
	Select Features		>
	Rule Conversion/ Process Config		>

.هيلإ ASA نيوكت ليحرت ءارجإ ديرت يذلا FTD رتخأ .12

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

نيوكتو تاراسملاو تاهجاولا لمع نيعتيسف الإو ،FTD زاهج ديدحتب ىصوي :**قظحالم** ايودي عقوم ىلإ عقوم نم (VPN) ةيرهاظلا ةصاخلا ةكبشلا.

cisco Firepower Migration Tool	000
Select Target 💿	Source: Cinco ASA (8.4+)
Connect to FMC	>
FMC IP Address/Hostname: 10.106.52:10	
Choose FTD	~
Select FTD Device Proceed without FTD Select FTD Device	
Interface, Routes and Site-to-Site VPN Tunnels won't be migrated	
Proceed	
Select Features	>
Rule Conversion/ Process Config	>

.ةروصلا يف حضوم وه امك ليحرتلل ةبولطملا تازيملا ددح .13

vlect Features		
Device Configuration	Shared Configuration	Optimization
2 Interfaces	Access Control	Migrate Only Referenced Objects
Ploutes	Populate dostination security zones	Cibject Group Search
Site-to-Site VPN Tunnels	Migrate tunnelled rules as Prefilter	
Policy Based (Crypto Map)	V NAT	Inline Grouping
Route Based (VTI)	Whetwork Objects	CSMASOM
	Port Objects	
	Time based Objects	
Proceed		

ةقلعتملا رصانعلا علمب موقتس يتلا ليحرتلا لبق ام ةيلمع عدبل **ليوحتلا عدب** ددح .14 نيوكتب FTD.

Rule Conversion/ Process Config			~
Start Conversion			
0 parsing errors found. Refer to the pre-migration report for more	Ovtails.		
Please download the Pre-Migration report for a detailed summary	of the parsed configuration. Download Report		
13		98	30
Access Control List Lines	Natwo	ork Objects	Port. Objects
2	9	4	1
Logical Interfaces	Static Routes	Nebrork Address Translation	Site-to-Site VPN Tunnels

ليحرتلاا لبق ام ريرقت ضرعل اقبسم هيلع عالطالا مت **يذلا ريرقتلا ليزنت** قوف رقنا .15 ةروصلا يف حضوم وه امك.

←	<i>></i>	C	Ô.	③ File	/Users/caroldso/Downloads/pre_	migration_	report_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 reby Firepower 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

.ةروصلا يف حضوم وه امك بولطم وه امك FTD تاهجاول ASA تاهجاو نييعتب مق .16

		Refresh
ASA Interface Name	FTD Interface Name	
	Select Interface	
Ethernet1/2	GigabitEthernet0/0	
	GigabitEthernet0/1	
Ethernet1/3	✓ GigabitEthernet0/2	*

. FTD تاهجاول ةهجاولا تاعومجمو نامألا قطانم صيصخت .

uluiju cisco	Firepower Migration Tool					0	00
	Map Security Zones and Inte	erface Groups 📀		(Adl 52 & 10) (A	uto-Create)	Source: Clsop ASA (8.4+) Target FTD: FTD	
	ASA Logical Interface Name	FTD Interface	FMC Security Zones	FMC Interface Groups			
	Inside	GipsbitCherrer6/1	Select Decurity Zone	Select Interfece Onwpe	~		
	Cubide	Gipakil@herred02	Select Security Zone 🗸 🗸	Swiect Interface Groups	v		

ابسح اهديدحت كنكميف ،لعفلاب اهؤاشنإ مت ةمجاو تاعومجمو نامأ قطانم اهب FMC تناك اذإ .أ تجاحلا

Find Security Zones	
✓ Select Security Zone	-
outside	
inside	j.

وه امك SZ **& IG ةفاضإ** قوف رقنا ،ةهجاو ةعومجمو نامأ قطانم ءاشنإل ةجاح كانه تناك اذإ .ب ةروصلا يف حضوم.

	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	🗙 🕗
	0-0of0 4 4 1 🕨	
	Close	

نامأ قطانم ءاشنإب موقيس يذلا **يئاقلت ءاشنا** رايخلا ىل القتنالا كنكمي ،الإو .C يلاوتلا ىلع ASA logical interface_igو interface_sz **يقطنملا** ASA مساب ةەجاو تاعومجمو.

Auto-Create
Auto-create maps ASA interfaces to existing FTD security zones and interface groups in FMC that have the same name. If no match is found, the Migration Tool creates a new FTD security zone and interface group with the same name in FMC.
Select the objects that you want to map to ASA interfaces
Security Zones Interface Groups
Cancel Auto-Create

di talta CISCO	Firepower Migration Tool									
Map Security Zones and Interface Groups ()										
		Add SZ & IG Aut	o-Create							
	ASA Logical Interface Name	FTD Interface	FMC Security Zones		FMC Interface Groups					
	Inside	GigabitEthernet0/1	inside	~	Inside_ig (A)	~				
	Outside	GigabitEthemet0/2	outside	~	Outside_ig (A)	~				

اهؤاشنإ مت يتلاا "(FTD) ةعرسلا قئاف لاسرإلا جمانرب" رصانع نم رصنع لك ةعجارم .18 ةروصلا يف حضوم وه امك رمحألا نوللاب تاهيبنتلا رهظت .اهنم ققحتلاو.

5e	lect all 13 entrie	n Select 0/13	Actions with	See.						C, Search		<u>+</u>
_	_		-	BOURCE		_	DESTINATION					
	1.	Name I	2010	Notecon	-	2010	Nation 1	0.	States	Action	ACE Court	
0	,	Outside access in #1	eutride .	11	ANY	ANY			1 0 D B	Nor	1	
0	2	Outside_access_in_#2	outside	any	1817	1807	-	-	JOLE	Alex	1	
0	3	Outside_access_in_#3	eutride	any	ANY	A827	-	-	- JAGE	Nor	2	
0	4	Outside_access_in_#4	outside	any	ANY	4807		_	JAGE	Alter	4	
	5	Outside_access_in_#5	eutside	any	ANY	ANY		_	- VOGE	Alex	3	
D	6	Outside_access_in_#6	outside	any	ANY	4807			E	Alex	2	
	7	Outside_access_in_#7	outside	any	ANY	A807		-		Alex	3	
	8	Outside_access_in_#8	eutride	#19	ANY	ANY			V 9 0 8	Alex	1	
	9	Outside_access_in_#9	outside	any	ANY	ANY			V 6 6 8.	Alter	4	
	10	Ovhide_access_in_#10	0.45.00	879	ANY	ANY			🗩 🗸 🗞 🗞 🔣	Aller	7	
	11	Outside_access_in_#11	outside	any	ANY	ANY			🗩 🗸 9, 9, 8,	Alter	2	
0	12	Outside_access_in_F12	eutside	any	ANY	4804			V 6 6 8	Altere	1	
0	12	Outside_access_in_FT2	t-daide	any	ANY	4809			• • • • •	Nor	1	

ةدعاق يأ ريرحت ديرت تنك اذإ ةروصلا يف حضوم وه امك ليحرتلا تاءارجإ ديدحت نكمي .19. ةوطخلا هذه يف IPS جهنو تافلملا ةفاضإب ةصاخلا FTD تازيمب مايقلا نكمي.

ACP	Pre-filter					
Sele	ect all 13 entries	Selected: 13 / 13	A	ctions 👻 S	Save	
			мю	GRATION ACTION	IS	SOURCE
	#	Name	Do	not migrate		twork
		Q	RU	LE ACTIONS		
✓	1	Outside_access_in_#1	Fil	e Policy		
v	2	Outside_access_in_#2				
7	3	Outside_access_in_#3	IP	S Policy		
v	4	Outside_access_in_#4	Lo	g		
v	5	Outside_access_in_#5	Ru	le Action		
V	6	Outside_access_in_#6		outside	any	

وه امك اهتئبعت متيسف ،FMC يف لعفلاب ةدوجوم تافلملا جهن تناك اذإ :**قظحالم** تاسايسلا عم IPS تاسايس ىلع ءيشلا سفن قبطنيو .ةروصلا يف حضوم .ةيضارتفالا

	File Policy	×
Select File Policy '	The Folloy	
		^
eicar		
None		
	Cancel Select	

ىلع دوجوملا Syslog مداخ نيوكت ديدحت نكمي .ةبولطملا دعاوقلل لجسلا نيوكت ءارجإ نكمي FMC مداخ نيوكت ديدحت نكمي.

		\times
	Log	
	og at the beginning of connection og at the end of connection	
Sen	d connection events to:	
	Syslog	
	~	
	Cancel	
	Cancer	

ةدعاق لكل كلذل اقفو ةددحملا ةدعاقلا تاءارجإ زييمت متيس.



تاراسملاو تاهجاولاو ذفنملا تانئاكو ةكبشلا نئاكو NAT نم لك ةعجارم نكمي ،لثملابو 20. عقوم نم (VPN) ةيرهاظلا ةصاخلا ةكبشلا قافنأو (VPN) ةيرهاظلا ةصاخلا ةكبشلا تانئاكو قوم نل القافو يرخأ رصانعو عقوم يلإ.

كرتشملا حاتفملا ثيدحتل ةروصلا يف حضوم وه امك هيبنتلا مالعإ متيس :**ةظحالم** ح**اتفم ثيدحت < تاءارجإ** ددح .ASA نيوكت فلم يف هخسن متي ال هنأل ارظن اقبسم ةميقلا لاخدال **اقبسم كرتشم**.

cisco Firepower Migration Tool			00
Optimize, Review and Validate Configuration		Source: Cisco ASA (8.4+) Target FTD: FTD	
Access Context NAT Network Objects Port Objects Interfaces Routes VPN Objects Stevio S			
Select all 1 entries Selected: 1/1 Actors -		O, Search	<u>+</u>
MIGRATION ACTIONS MIGRATION ACTIONS MIGRATION ACTIONS MIGRATION ACTIONS MIGRATION MIGRATION	Authentication Type PSEC P Preshor PNO Carts	Protected Naturolis	
Q. Update Pre-shared Key Q. Q. Q. Q. Ø 1 Oubline Presymmet Upstrik: Intel: mail.intel: A5556AE5192	AE3.30E5	Q. Q. ary-lpol ary-lpol	
50 v por pope libitofi (+ 4 Pape 1 ofi + +)			
Update the Pre-Shared Key/PKI Certificate column highlighted in Yollow for each VPN-tunnel rows under Site-to-Site VPN Tunnels tab to validate and proc For additional hetp, click here,	sed with migration.		
Update Pre-Shared Key	\times		
opdato i lo ollarod itoj			
Pre-Shared Key IKEv2			
Cancel			

يف حضوم وه امك ةشاشلا نيمي لفسأ يف **ةحصلا نم قوّحتلا** ةنوقيأ ىلع رقنا ،اريخأ .21 ةروصلا.



ةروصلا يف حضوم وه امك **نيوكتلا عفد** قوف رقنا ،قرقحتلا حاجن درجمب .22.



PUSHING

0% Complete

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

← → C △ ② localhost.8888/#/home			\$ Q	🗊 #1 🛱 👼 😑 🛪 🎂 (lydate 1)		
cisco Firepower Migration Tool			000			
Complete Migration Migration Status Migration is complete, policy is purified to PMC.	PUSHING 100% Complete Push in progress. Rafer FM registron status.	T Terminal to monitor the	Bauroet Caso ASA (8.4*) Target FTD: FTD Blatus			
Next Bitsp - Login to FMC to deploy the policy to FTD.				Expand panel to show video		
Selected Context: Single Context Mode						
Migration Summary (Post Push)						
13		37	14			
Access Control Lat Lines	Natural	h Objects	Part Objects			
2	9	4		1		
Logical Interfaces	State Routes	Network Address Translet	tor Sile-to-Sil	Sile VPW Turnels		

.ةروصلا يف اهضرع متيس يتلا ةلاسرلا ضرع متي ،ليحرتلا حاجن درجمب .23

cisco	Firepower Migration Tool					000
	Complete Migration o		~		Source: Cisco ASA (8.4+) Target FTD; FTD	
	Migration Status		Optimization Statu	5		
	Migration is complete, policy is pushed to FMC. Next Step - Login to FMC to deploy the policy to FTD.		ACL Optimization is not applied for this migration.			
	Live Connect:					
	Selected Context: Single Context Mode					
	Mgration Summary (Post Push)					
	13		37		14	
	Access Control Las Lines	~	Network Objects		Part Objects	
						_
	2	9	4		1	
	Logical Interfaces	Static Routes	Network Address Translat	0A	Site-to-Site VPN Tunnels	
						_
	Please download the Post-Push migration report for a detailed summa	74 Download Report				

دعب ام ريرقت ضرعل **ريرقتلا ليزنت** قوف رقنا ،ليحرتلا لشف ةلاح يف :**ةظحالم** ليحرتلا

Complete Migration () Migration Status	Source: Cisco ASA (8.4+) Target FTD: FTD Optimization Status	
Migration Unsuccessfult Internal Server Error.	ACL Optimization is successful but due to migration feilure the refined optimized policy cannot be deployed to FMC.	
Please refer logs for more details. Download Report Contact Support		

ةحصلا نم ققحتلا

حيحص لكشب نيوكتلا لمع ديكأتل مسقلا اذه مدختسا.

.FMC ىلع ةحصلا نم ققرحتلا

1. **نييعت < لوصولا يف مكحتلا ةسايس < لوصولا يف مكحتلا < تاسايسلا** ىلإ لقتنا ددحملا FTD ةئبعت ديكأتل **ةسايسلا**.

Access Central + Access Central Network Dacovory Application Detectors Correlation Activa + FTD-Mig-ACP-1637743796 Image: Central + Access Central + Activation - Activation Image: Central + Access Central + Activation - Activation Image: Central + Access Central + Activation - Activation Image: Central + Activation - Activation	nament Courtes 📄 Torre i 🔘 Consti
FTD-Mig-ACP-1637743796 Policy created has source with hostsource and Prelimer Policy: <u>Datast Policy: Datast</u> Policy: <u>Base</u>	entance Sattings (📑 Parky Ausgoments (1)
Realities Palling: <u>Dallard: 202528.2020</u> SSL Palling: <u>3223</u> 3444989 3223	entance Settings (🔠 Parcy Assignments (1)
	ertance Saturge 📇 Palicy Assignments (1)
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
Boline Security Intelligence INTP Responses Logging Advenced	
A Flore by Gords 2	G O AAL Celegory O AAL Rule
Name Source Zones Deal Zones Deal Zones Source Netw Deal Retworks VLAN Tage Unore Applications Source Parts Deal Parts URLs Source SGT Deal SGT Action	
w Handalory / FTD-Hig.4CP.143794 ()	
Deer are so russ in this extrins. All Ave ar AND Generary Policy Assignments 7 ×	
w Defeall + /TD-Mip-ACP-1437748796 (1-13) Targeted Devices	
1 Dubele answer (a, a 🛓 minimu Ary 🕒 My Scient devices to which way work to apply this police.	
2 Outside_extension_ifmarket /ormarket /ormarket	800308· /8
3 Outling sources in \$00040 Ary0 area (800.808 · /8
A Outline access in A Lawrence Ary Rawr	000.858 · / 8
Add to Parky	
2 O'REAL THREE VILL BALL	800.8±8+ /8
a Domain Second of a Transport with Second Sec	# 70.85#• /s
	G Rates per paper 100 *

ةىدابال عم مسا ةرجەلا ىلإ لوصولا يف مكحتال ةسايسا نوكيس :**ةظحالم FTD-Mig-**ACP. يأ ديدحت متي مل اذا FMC.

2. **مسا < رشن < رشن** ىلإ لقتنا ."(FTD) ةعرسلا قئاف لاسرالا جمانرب" ىل قسايسلا عفد FTD - قروصلا يف حضوم وه امك **رشن <**FTD.

Overview	Analysis Policies Devices Objects AMP Intelligence						0, Deploy System	Holp v admin v
							Deployment	Deployment History
Co. Brend								Depisy
C. Desirio	anny berde name, type, comen, group or eleter	Income Information	Read of the local division of the local divi	Read of the local division of the local divi	Last Barley Res.	Bandan	Part of the local data	
1.0	0.00 171 11	Dispect Deservations	100	U.M.P	Date Deproy Table	*	Lander	
	103937134	+ 10	10		NOV 22, 2021 11:24 PM		Penang	
> 0	NGEPS		fienser			3	Pending	
> 0	PTD	🗢 Yani	PTD		Nov 23, 2021 11:17 PH	3	Completed	
× 0	FTD	at Van	PTD		Nov 23, 2021 11:17 PH	3	Completed	

Firepower ليحرت ةادأب ةقلعتملا ةفورعملا ءاطخألا

- ة ما الحيح متي Cisco <u>CSCwa56374</u> تم عاطخألاا حيح صت فرعم FMT قادأ قيل عت متي وري متي يت فرعم ريبك لكشب ةركاذلا مادخت إ عم أطخ ثودح عم ققط نمل اطي طخت
- عون نراق ةرادإ channel-ءانيم FTD ل قافخإ عفد نراق <u>CSCvz88730</u> قب cisco •
- ا يساسألا ماظنلاا ىلإ ذفنملا ةانق ليحرت Cisco <u>CSCvx21986</u> نم ءاطخألا حيحصت فرعم موعدم ريغ يرهاظلا FTD - فدهلا
- ةزيم ليطعتب ليحرتلا ةادأ موقت نأ بجي Cisco <u>CSCvy63003</u> نم ءاطخألا حيحصت فرعم ةعومجملا ماظن نم اءزج لعفلاب FTD ناك اذإ ةهجاولا
- لوصولا يف مكحتلا ةمئاق ميسقت مزلي Cisco <u>CSCvx08199</u> نم ءاطخألا حيحصت فرعم (ACL) نم عرم نوكي امدنع (ACL)

ةلص تاذ تامولعم

- <u>قيامحلا رادج ل.يحرت ةادأ مادختساب تاديدهتلا قيامح ىل ASA قيامح رادج ل.يحرت •</u>
- <u>Cisco Systems تادنتسملاو ينقتلا معدلا</u>

ةمجرتاا مذه لوح

تمجرت Cisco تايان تايانق تال نم قعومجم مادختساب دنتسمل اذه Cisco تمجرت ملاعل العامي عيمج يف نيم دختسمل لمعد يوتحم ميدقت لقيرشبل و امك ققيقد نوكت نل قيل قمجرت لضفاً نأ قظعالم يجرُي .قصاخل امهتغلب Cisco ياخت .فرتحم مجرتم اممدقي يتل القيفارت عال قمجرت اعم ل احل اوه يل إ أم اد عوجرل اب يصوُتو تامجرت الاذة ققد نع اهتي لوئسم Systems الما يا إ أم الا عنه يل الان الانتيام الال الانتيال الانت الما