

FMC ىلع ىلعال رفوتلا نيوكت

تايوت حمل

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قمدم

(FMC) ىس اساس ال رادج ةرادا زكرم ىلع (HA) ىلعال رفوتلا نيوكت ال اثم دنتسملا اذه فصى.

ىس اساس الابلطت

تابلطت

دنتسملا اذهل ةصاخ تابلطت دمجت ال.

قمدمتسملا تانوكم

VMware v7.2.5 ل نم ال FMC ىل دنتسملا اذه ىف ةدراول تامولعملا دنتست

ةصاخ ةىلمعم ةئيب ىف ةدوجوملا ةزهجال نم دنتسملا اذه ىف ةدراول تامولعملا عاشن اتم تناك اذ. (ىضارتفا) حوسمم نيوكت دنتسملا اذه ىف قمدمتسملا ةزهجال عىمجت ادب رم اىل لمحتملا رىثاتلل كمهف نم دكاتف، لىغشتلا دىق ككتك بش

ىس اساس تامولعم

دنتسملا اذهل ةصاخ الابلطت نمضتت:

- ةدعاقول فطتلا ةدعاق شىدحت وجم انرب ال رادصا سفن ىلع FMC ىراظن الك رفوت مزلي
- Lightweight نام ال ةمزح و تارغثال تانايب
- زاهال رادصا و اةسل سفن ىلع لوصحلل FMC ىراظن الك رفوت مزلي
- لصفنم صىخرت (FMC) ةىواحل ةرادا تادحو نم لك بطلتت

[ةرادال لىلد](#) ةرايز كنكمى، تابلطت نم ةلماك ةومجم ىلع لوصحلل



HA. نيوكت كنكمي ال ،ةجردملا تابللملا يف قباطت مدع كانه ناك اذا :ريذحت

رتويبمكلا ةزهجأ عيجم يل ع ارجالا اذه معد متي

ءدبلا لبق

- ةيساسألا ةحوللا ةرادا يف مكحتلا تادحونم لك ىل لوؤسملا لوصو نامض
- ةرادالا تاهجاو نيبل لاصتالا نامض
- ةيرورضللا تايقرتلا عيجم ارجا نامضوجماربلا تارادصا ةعجارمل ةظحل ذخ

نيوكتلا

يوناثلا FMC نيوكت

يذلا FMC زاheb ةصاخلا (GUI) ةيموسررلا مدختسملا ةهجاو ىل لوخدلا لجس 1. ةوطخللا دادعتسال/يوناثلا رود ىلوتيس

SecureX

Security Analytics & Logging

Other Integrations

AMP

AMP Management

Dynamic Analysis Connections

Intelligence

Incidents

Sources

Elements

Settings

رغاً لم اکتى لى لاقنتال

ةىلالع الةحات ال بيوت الة مالع لى لى لقتنا 4. ةوطخل



Firewall Management Center

Integration / Other Integrations / Cloud Services

Overview

Analysis

Policies

Devices

Objects

Integration

Cloud Services

Realms

Identity Sources

High Availability

eStreamer

Host Input Client

Smart Software Manager On-Prem

ةىلالع الةحات ال لى لقتنا

يوناث قوف رقنا 5. ةوطخل



Firewall Management Center

Integration / Other Integrations / High Availability

Overview

Analysis

Policies

Devices

Objects

Integration

Deploy

Q

✓

⚙️

?

admin ▼

cisco SECURE

Cloud Services

Realms

Identity Sources

High Availability

eStreamer

Host Input Client

Smart Software Manager On-Prem

Peer Manager

Select a role for this Management Center and specify peer details to setup high availability.

Role For This Firewall Management Center:

Standalone (No High Availability)

Primary

Secondary

ةىلالع ال FMC ل بوغرمل رودلا ددحو تامولعمل لاداب مق

Register. قوف رقنا او طشنل/يساس ال ريظنل نع تامولعمل لخدأ 6. ةوطخل

Select a role for this Management Center and specify peer details to setup high availability.

Role For This Firewall Management Center:

- Standalone (No High Availability)
- Primary
- Secondary

Peer Details:

After Firewall Management Center high availability is configured in virtual or cloud environment, each registered Firewall Threat Defense consumes an additional Firepower MCv Device license.

Primary Firewall Management Center Host:

10.18.19.31

Registration Key*:

cisco123

Unique NAT ID:

Register

† Either host or NAT ID is required.

طش نل FMC ىل ع ه مادختسا متيس هنأل ، لىجستل احات فم ظحال :ةظحال م

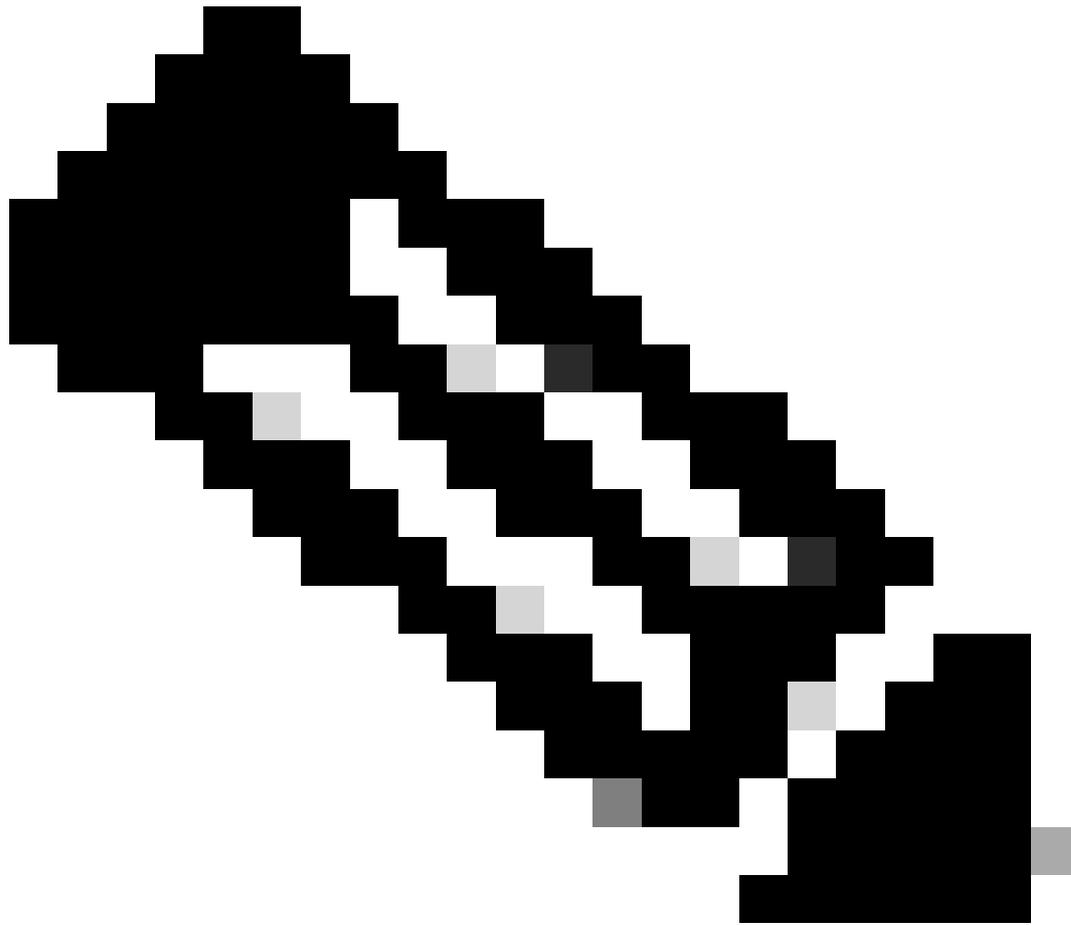
Yes. قوف رقنا ،ديكأتلا ريذحتلا اذه كنم بلطي 7. ةوطخل

Warning

This operation may affect critical processes running in the background. Do you want to continue?

No

Yes



ةداعإ متت ثيح HA، ءاشنإ ءانثأ لئغشتلا دئق ىرخأ ةمهم دوجو مدع نم دكأت :ةظحالم
ةيموسرلا مدختسملا ةهجاو لئغشت

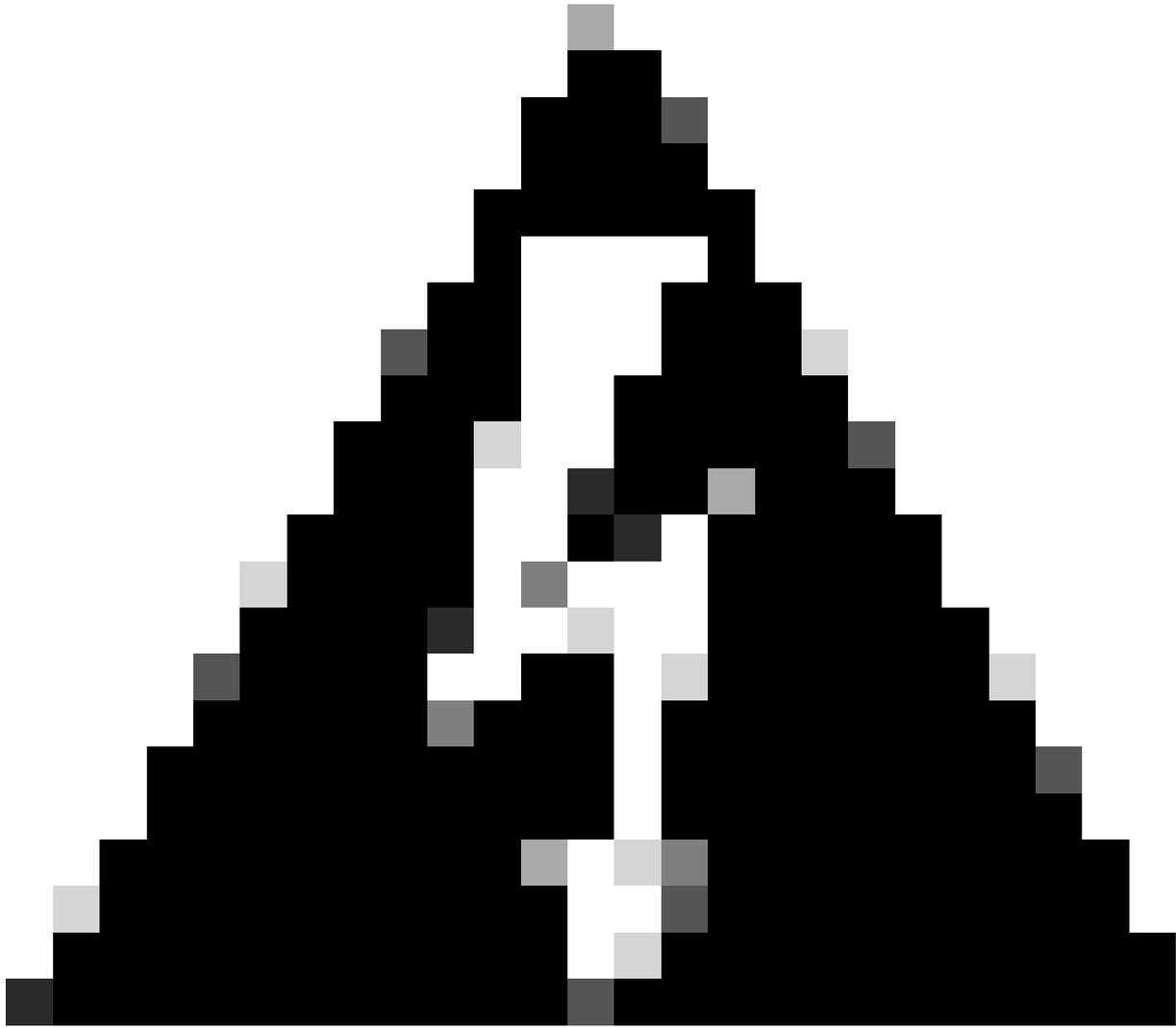
ئسأسألا رظنلا لئجست دئرت كنأ نم دكأت 8. ةوطخلا

Warning

Do you want to register primary peer:
10.18.19.31?

No

Yes



FMC نم نيوكتل/جهنل/ةزهجال اب ةقلعتملا تامولعمل اعيمج ةلازامتتس: ريذحت
HA. ءاشنإ درجمب ةيوناتل

ةقلعم ةيوناتل FMC ةلاجان نم دكأت 9. ةوطخل

Host	Last Modified	Status	State	
10.18.19.31	2023-09-28 13:53:56	Pending Registration	<input checked="" type="checkbox"/>	 

يساسأل FMC نيوكت

طشنل/يساسأل FMC لىل 4 لىل 1 نم تاوطخل ررك

يساسأل قوف رقنا 5. ةوطخل

Select a role for this Management Center and specify peer details to setup high availability.

Role For This Firewall Management Center:

- Standalone (No High Availability)
- Primary
- Secondary

Peer Details:

Configure the secondary Management Center with details of the primary before registration.

After Firewall Management Center high availability is configured in virtual or cloud environment, each registered Firewall Threat Defense consumes an additional Firepower MCv Device license.

Secondary Firewall Management Center Host:

Registration Key*:

Unique NAT ID:

Register

† Either host or NAT ID is required.

لجست قوف رقن او يوناتل FMC لوح تامول عمل لخدأ 6 ةوطخل

Select a role for this Management Center and specify peer details to setup high availability.

Role For This Firewall Management Center:

- Standalone (No High Availability)
- Primary
- Secondary

Peer Details:

Configure the secondary Management Center with details of the primary before registration.

After Firewall Management Center high availability is configured in virtual or cloud environment, each registered Firewall Threat Defense consumes an additional Firepower MCv Device license.

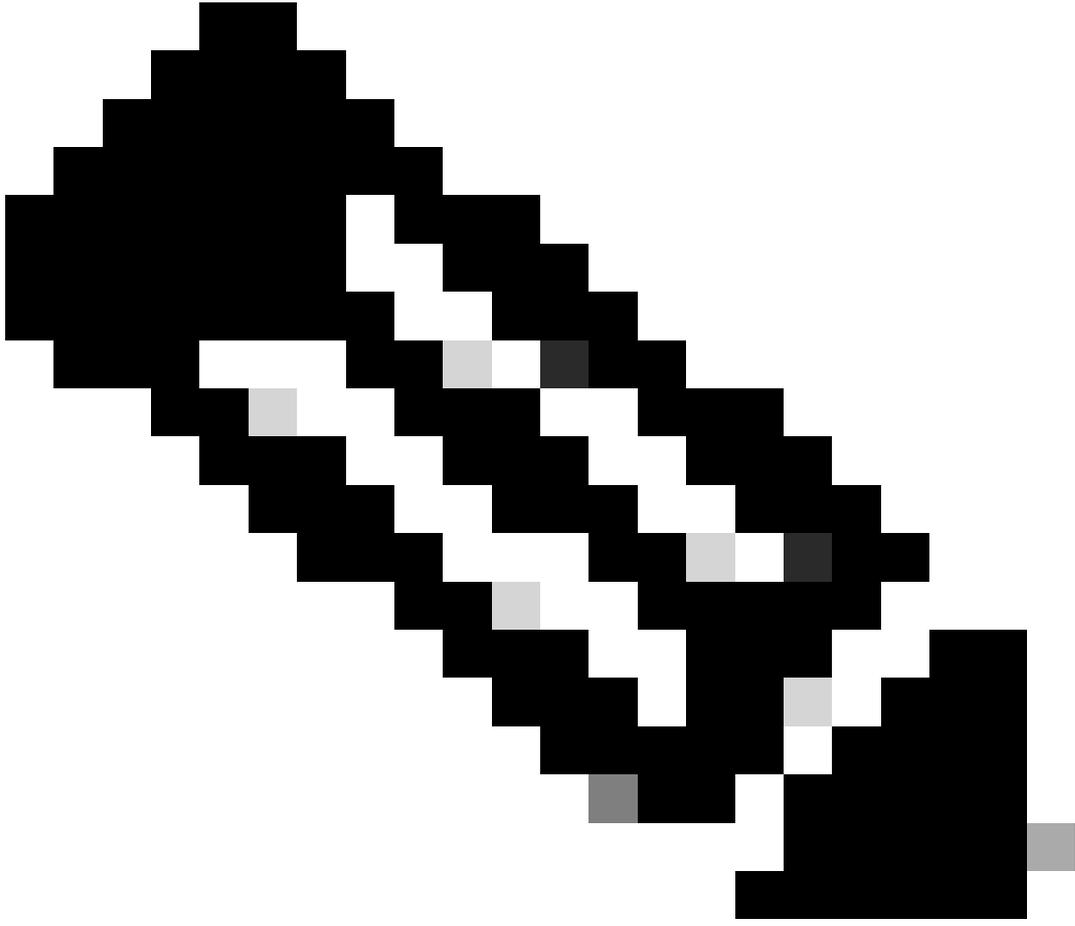
Secondary Firewall Management Center Host:

Registration Key*:

Unique NAT ID:

Register

† Either host or NAT ID is required.



يوناثل FMC عم مدختسملا هسفن ليجستلا حاتفم مدختسأ: ةظحالم

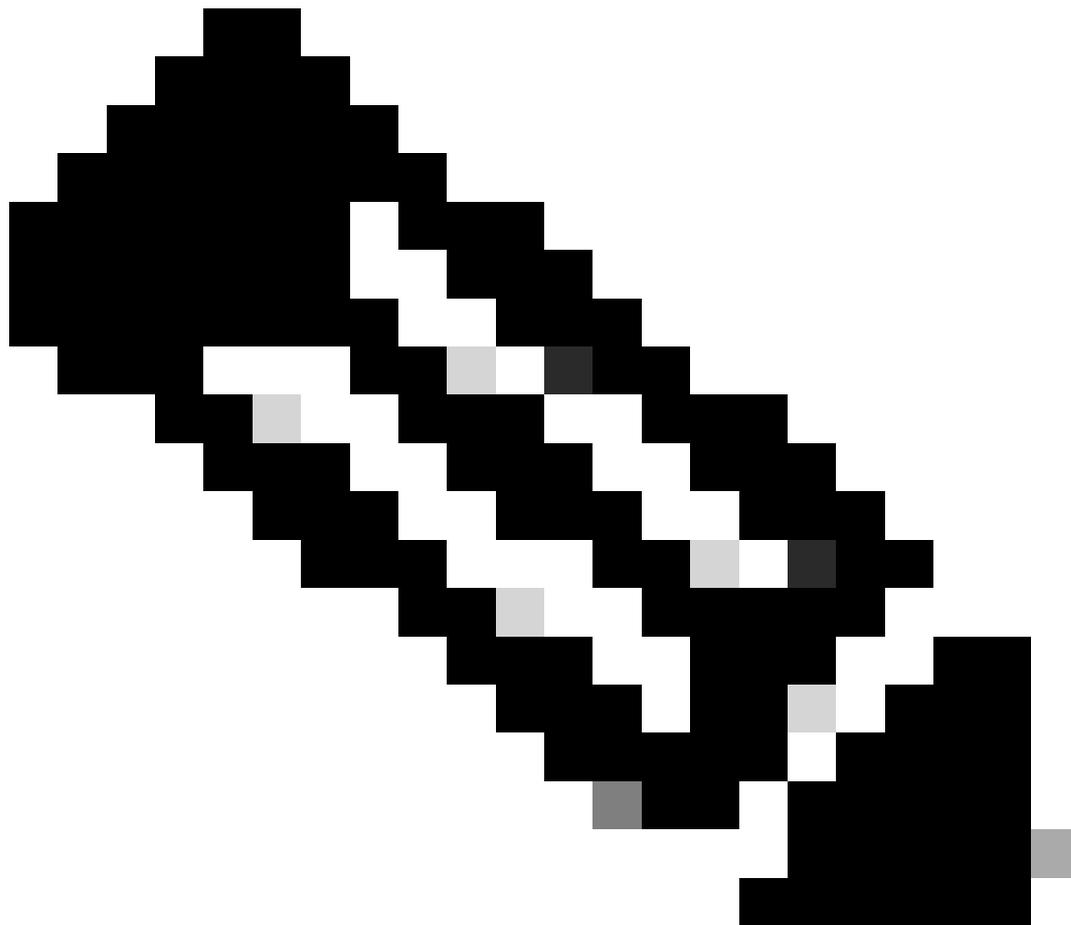
Yes. قوف رقنا ،ديكأتلا ريذحتلا اذه كنم بلطي .7 ةوطخلا

Warning

This operation may affect critical processes running in the background. Do you want to continue?

No

Yes



ىرخأ ةمهم ةيأ ليغشت مدع نم دكأت :ةظحالم

ةيوناتل FMC ي في ليحستل ي في كتبغر نم دكأت 8. ةوطخل

Warning

Secondary peer configuration and policies will be removed. After Firewall Management Center high availability is configured in virtual or cloud environment, each registered Firewall Threat Defense consumes an additional Firepower MCV Device license. Do you want to register secondary peer:
10.18.19.32?

No

Yes

Switch Peer Roles Break HA Pause Synchronization

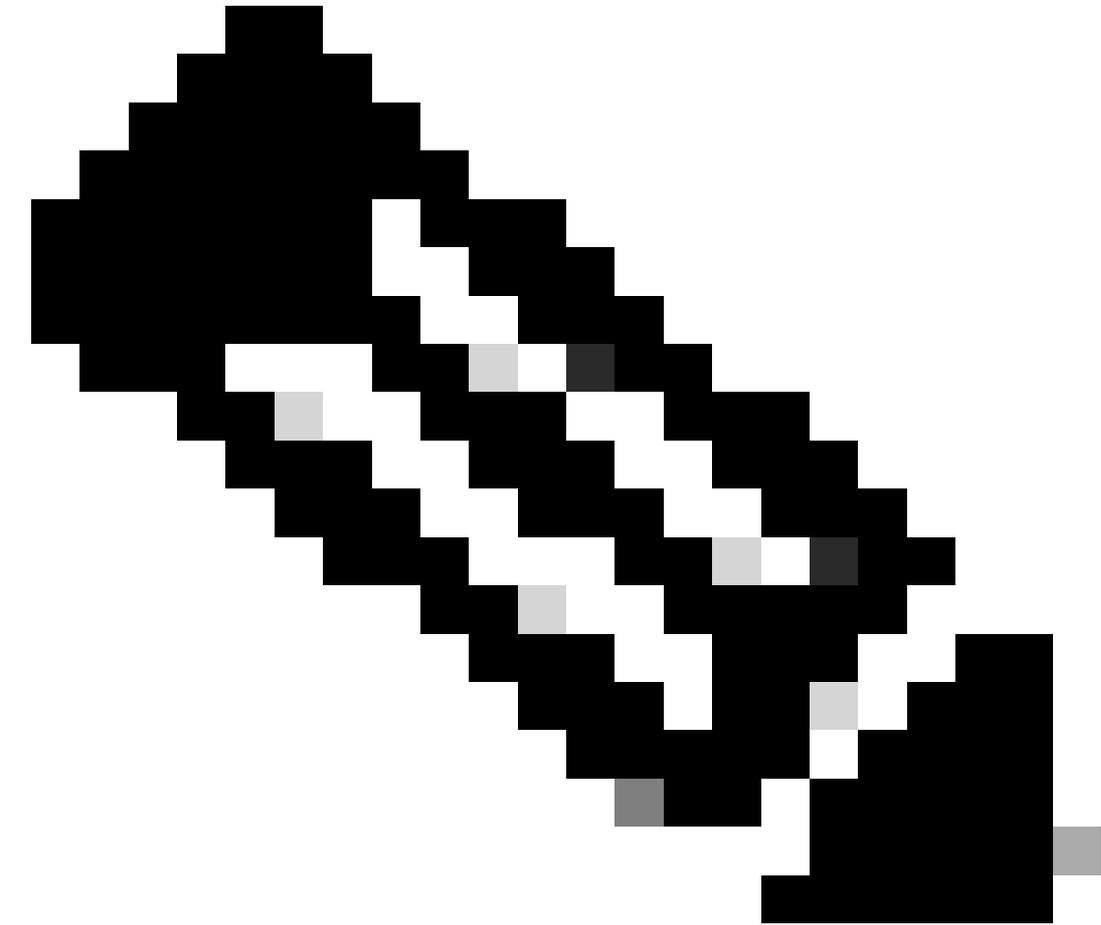
High availability operations are in progress. The status messages and alerts on this page are temporary. Please check after high availability operations are complete. These operations include file copy which may take time to complete. Database files synchronization: 100% of 379MB transferred

Summary

Status	▲ Temporarily degraded- high availability operations are in progress.
Synchronization	▲ Failed
Active System	10.18.19.31
Standby System	10.18.19.32

System Status

	Local Active - Primary (10.18.19.31)	Remote Standby - Secondary (10.18.19.32)
Operating System	7.2.5	7.2.5
Software Version	7.2.5-208	7.2.5-208
Model	Secure Firewall Management Center for VMware	Secure Firewall Management Center for VMware



هذه الصورة قوّموا لشفاف اننا الى علاج الة فور ع قوت ،ةنمازملا ثودح انثأ :ةظالم
ةةلمعلا لمتكت يتح علاج الة هذه رهطت

ققحتلا

و Status Health و Synchronization OK. وه عقوتملا جارخإل نوكي، ةنمازمل لامتك درجب

The screenshot shows the Firewall Management Center interface for High Availability. The top navigation bar includes Overview, Analysis, Policies, Devices, Objects, Integration, Deploy, and a search icon. The user is logged in as 'admin'. The main menu includes Cloud Services, Realms, Identity Sources, High Availability (selected), eStreamer, Host Input Client, and Smart Software Manager On-Prem. Below the menu are three buttons: Switch Peer Roles, Break HA, and Pause Synchronization. The Summary section shows:

Item	Status
Status	Healthy
Synchronization	OK
Active System	10.18.19.31
Standby System	10.18.19.32

The System Status section shows a comparison between Local and Remote systems:

Property	Local (10.18.19.31)	Remote (10.18.19.32)
Operating System	7.2.5	7.2.5
Software Version	7.2.5-208	7.2.5-208
Model	Secure Firewall Management Center for VMware	Secure Firewall Management Center for VMware

يدي اداه؛ يوناتلاو ياساسألا نمازتلا رمتسي

The screenshot shows the Firewall Management Center interface for High Availability. The top navigation bar includes Overview, Analysis, Policies, Devices, Objects, Integration, Deploy, and a search icon. The user is logged in as 'admin'. The main menu includes Cloud Services, High Availability (selected), eStreamer, and Host Input Client. Below the menu are three buttons: Switch Peer Roles, Break HA, and Pause Synchronization. The Summary section shows:

Item	Status
Status	Synchronization task is in progress
Synchronization	OK
Active System	10.18.19.31
Standby System	10.18.19.32

The System Status section shows a comparison between Local and Remote systems:

Property	Local (10.18.19.32)	Remote (10.18.19.31)
Operating System	7.2.5	7.2.5
Software Version	7.2.5-208	7.2.5-208
Model	Secure Firewall Management Center for VMware	Secure Firewall Management Center for VMware

يوناتلاو ياساسألا نم لك يف حيحص لكشب رهظت كتزهجأ نأ ةعجارمل ةظحل دخ

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا اذ ه Cisco ت مچرت
م ل ا ل ا ا ن ا ع مچ ي ف ن ي م د خ ت س م ل ل م ع د ي و ت ح م م ي د ق ت ل ة ي ر ش ب ل و
ا م ك ة ق ي ق د ن و ك ت ن ل ة ل ا ة مچرت ل ض ف ا ن ا ة ظ ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ي ل ا م ا د ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا دن ت س م ل ا