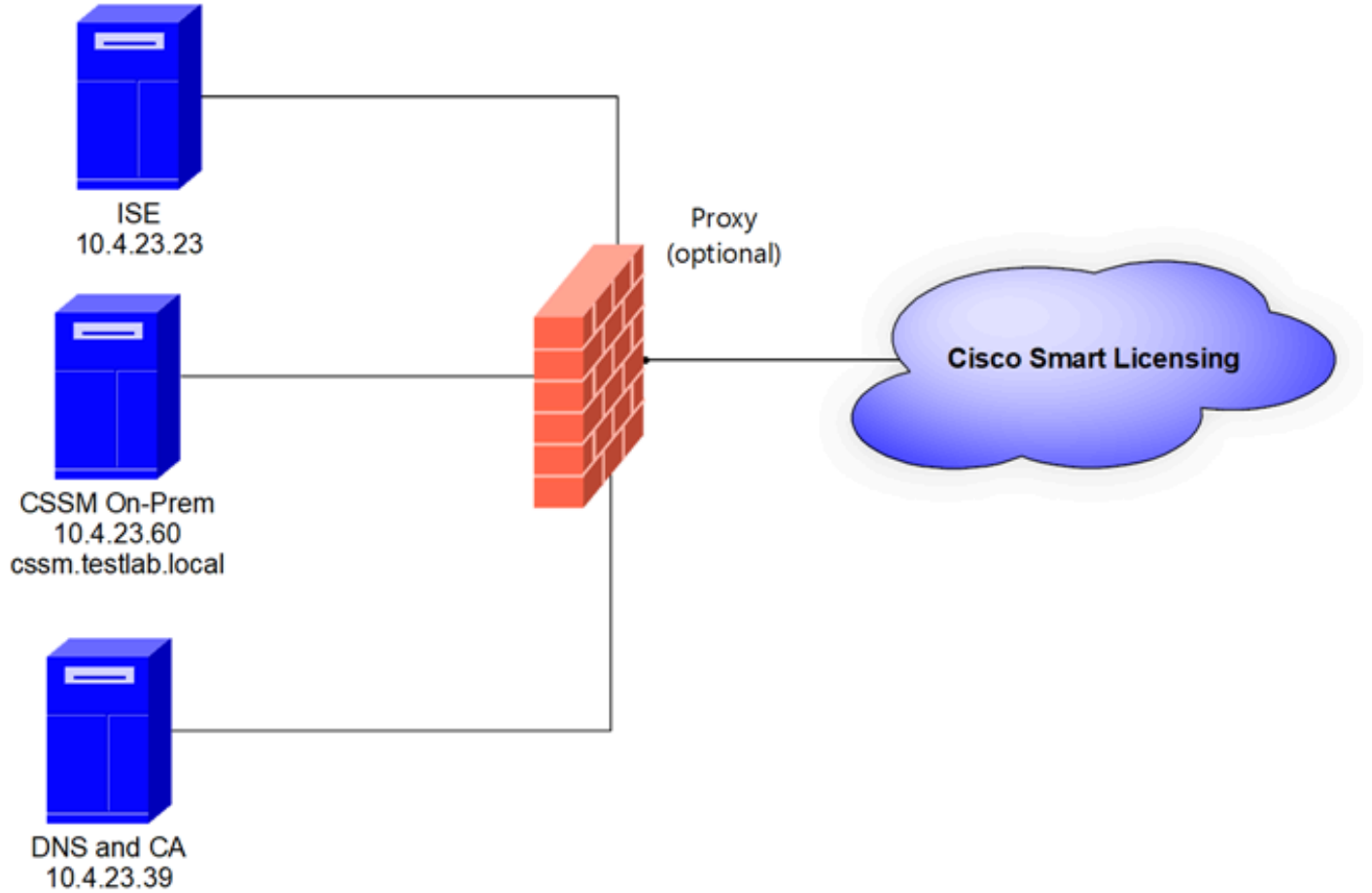


- Windows Active Directory 2016 (DNS وCertificate Authority services)
- VMWare ESXi 7 رادصلال

ةصاخ ةي لم عم ةئي ب ي ف ةدوجوملا ةزهجالا نم دنتسملا اذه ي ف ةدراول تامولعمل اءاشنإ م تناك اذإ .(يضا رتفا) حوسمم نيوكتب دنتسملا اذه ي ف ةمدختسُملا ةزهجالا عيمج تادب رما يال لم تحملا ريثاتلل كمهف نم دكأتف ،ليغشتلا دي ق كتكبش

نيوكتلا

ةكبش لل يطيختلا مسرلا



ةماع ايحولوبوط

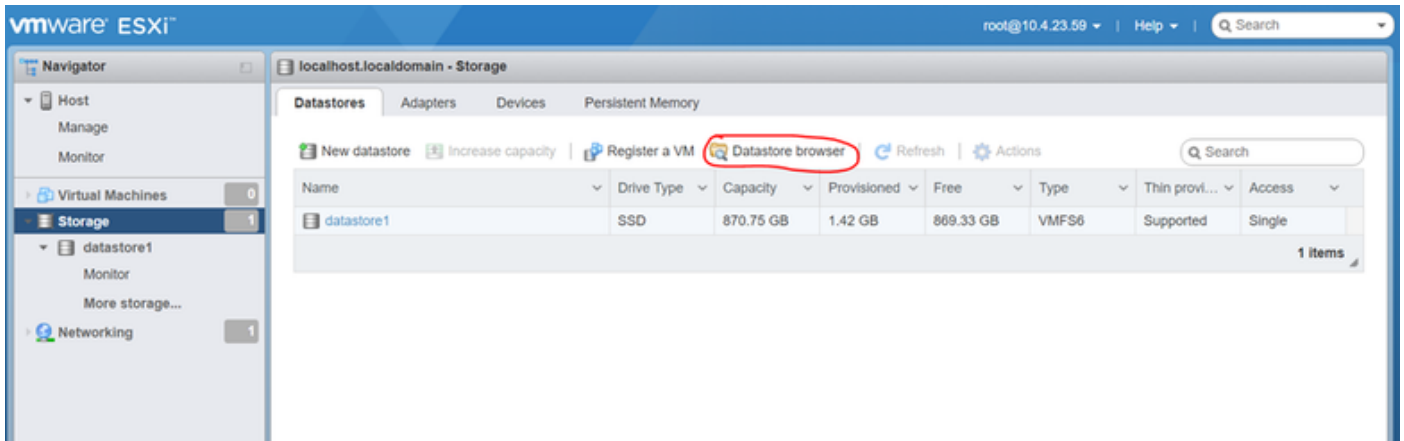
VMware نم ESXi لىل CSSM تيبتت

1. يلاتلا طابترالا مادختسا كنكمي Cisco IOS® جم انرب لي زنتب مق :

<https://software.cisco.com/download/home/286285506/type/286326948/release/8-202304>

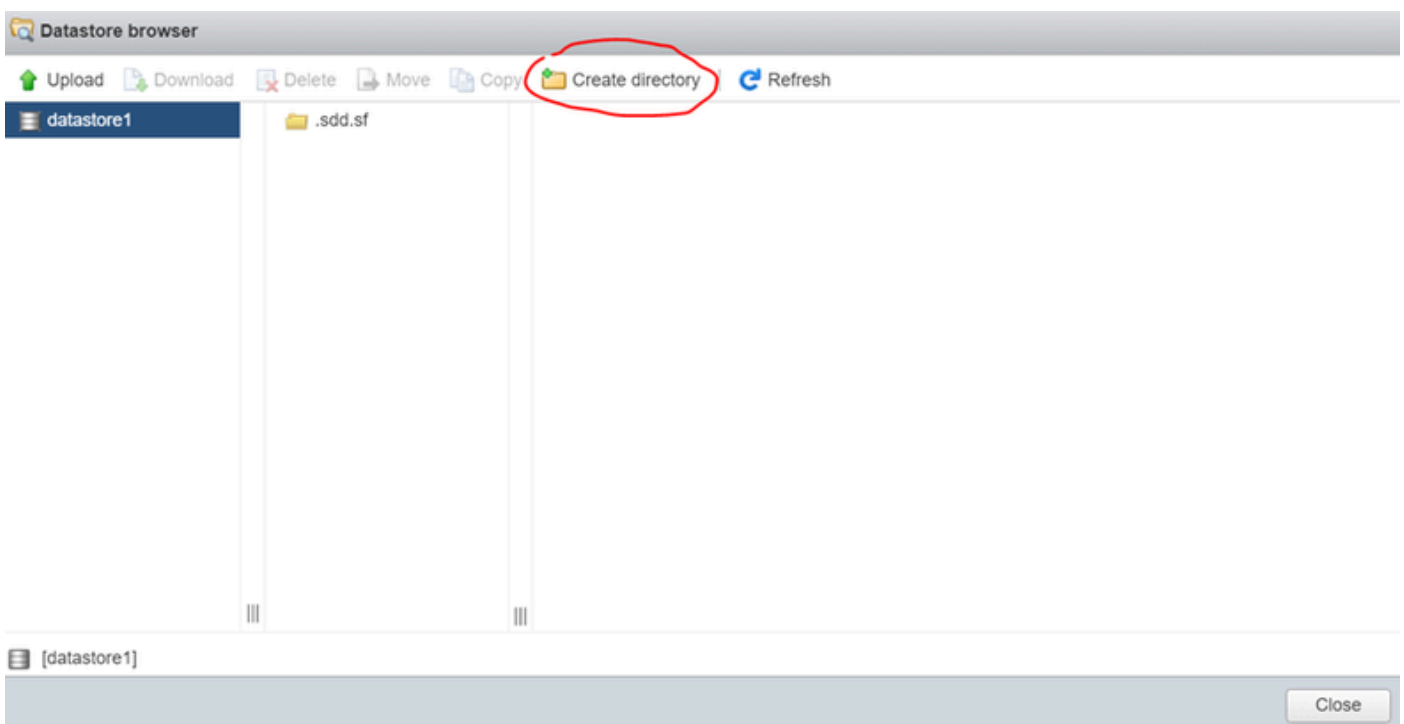
2. VMware نم ESXi ي ف ISO لي محت .

DataCore حفصتم > نيختلا ةدحو لىل لقتنا



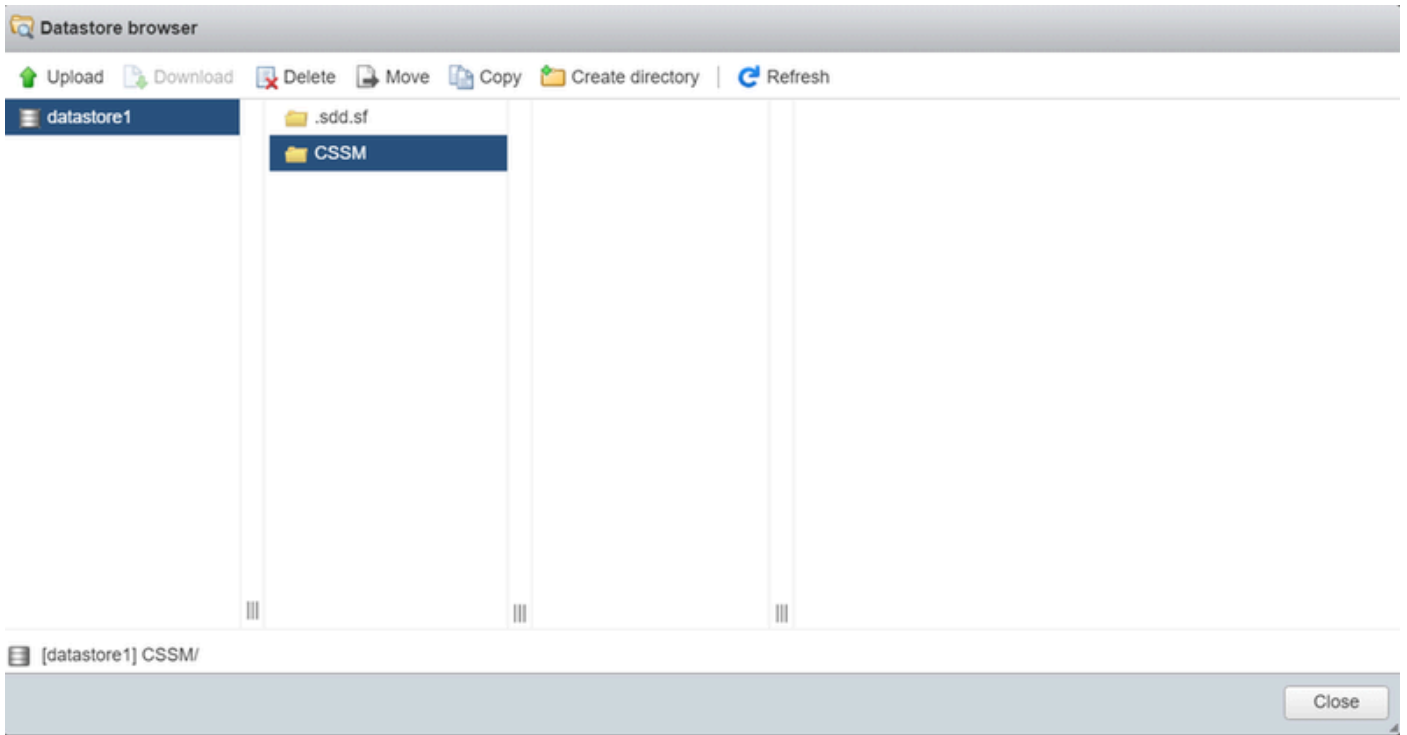
تانايېللا ضرعت سم مسق

3. (يراي تخا) دي دج دلجم عاشن ل ليلد عاشن قوف رونا.



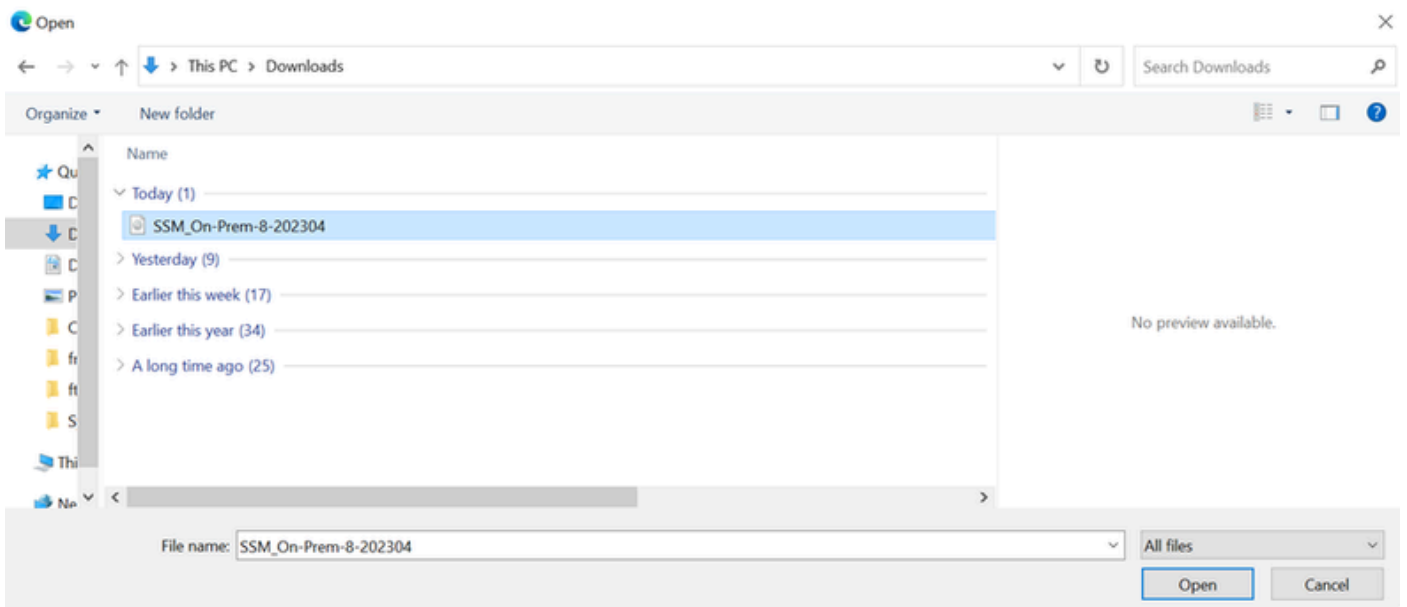
ليلدلا عاشن

CSSM: دلجم عاشن مت، لاثملا اذه يف



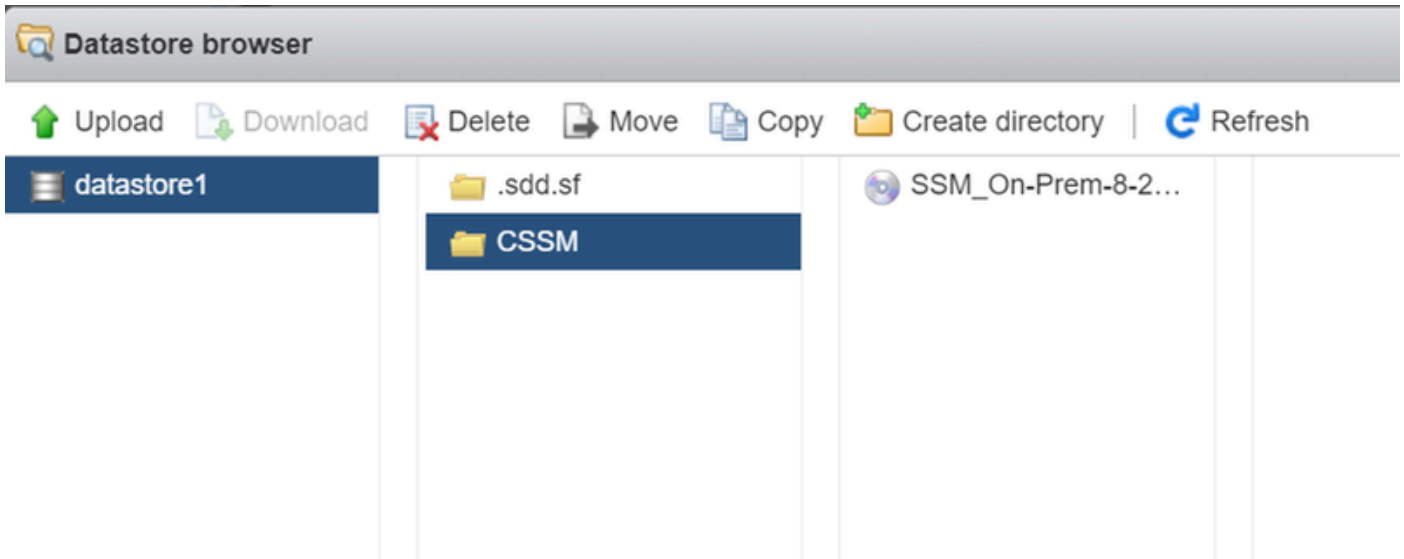
تادلجمل اءاشنا

4. فلم رتخأ م ث ليمحت قوف رقنا .



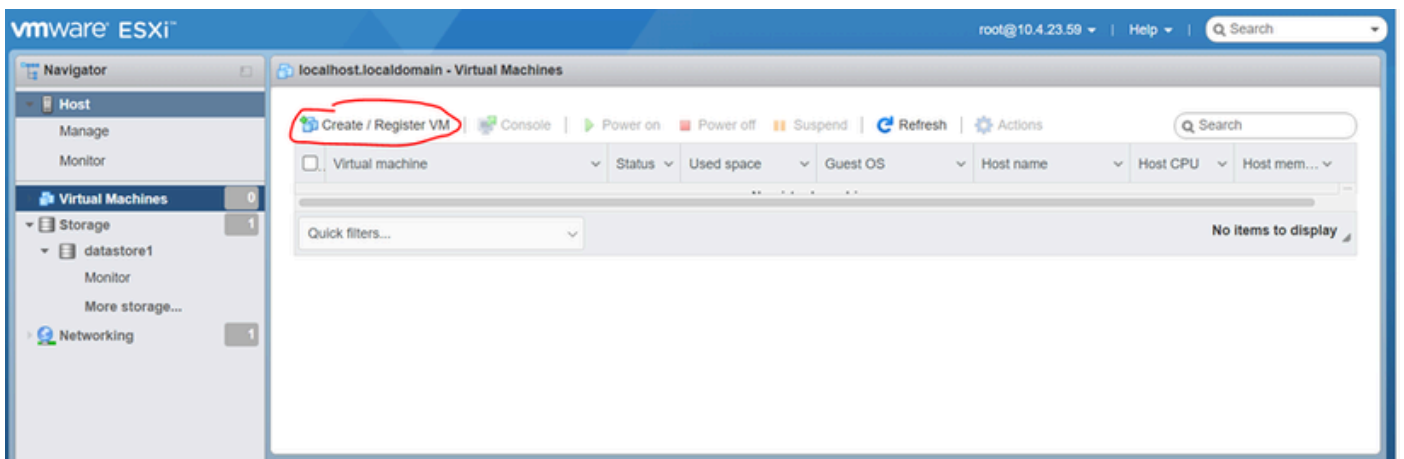
ت ليمحت ISO

CSSM: دلجم ي ف ISO فلم دجوي نآلا:



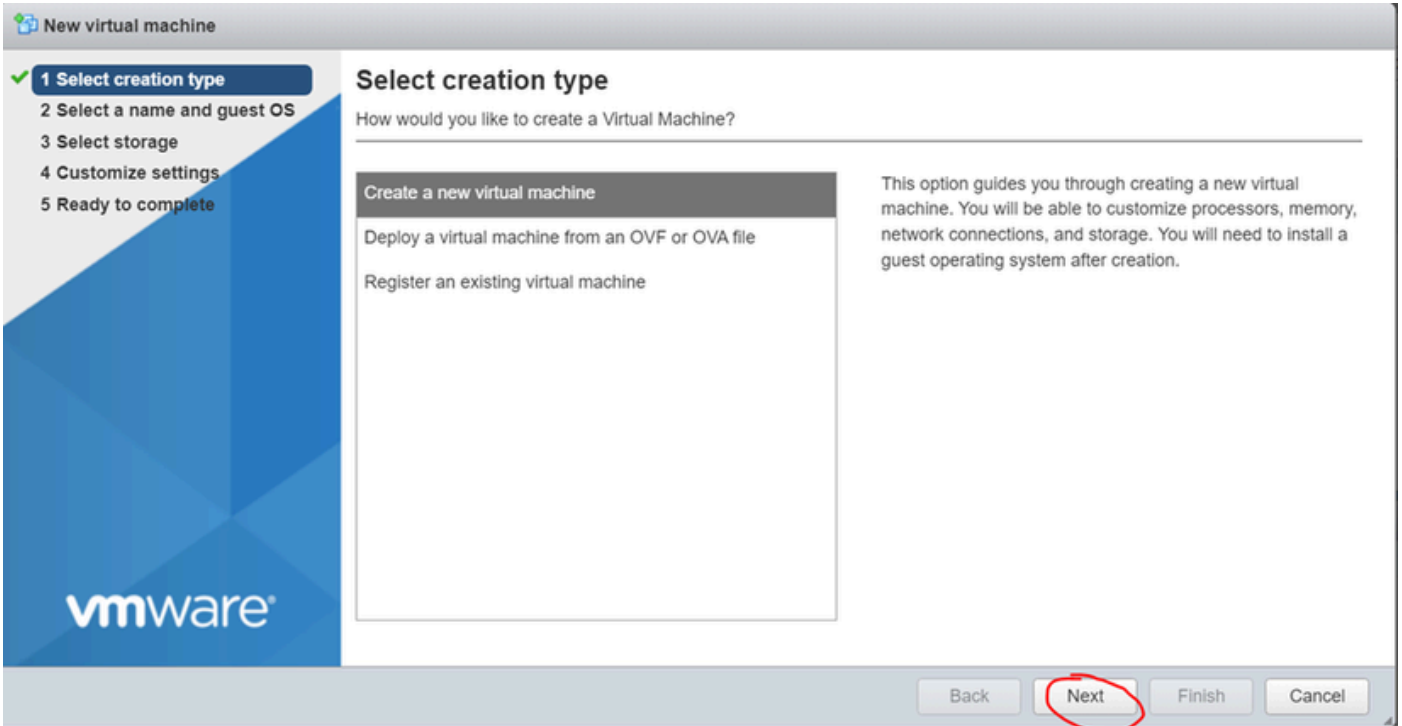
ISO لئيمحت لمتك

5. VM لئيجست / عاشنإ > يرهاظلا زاچلا ىلإ لقتنا .يرهاظلا زاچلا عاشنإ مق .



01 ةديج VM ةوطخ عاشنإ

6. يلاتلا قوف رقناو ديدج يرهاظ زاچ عاشنإ رتخأ .

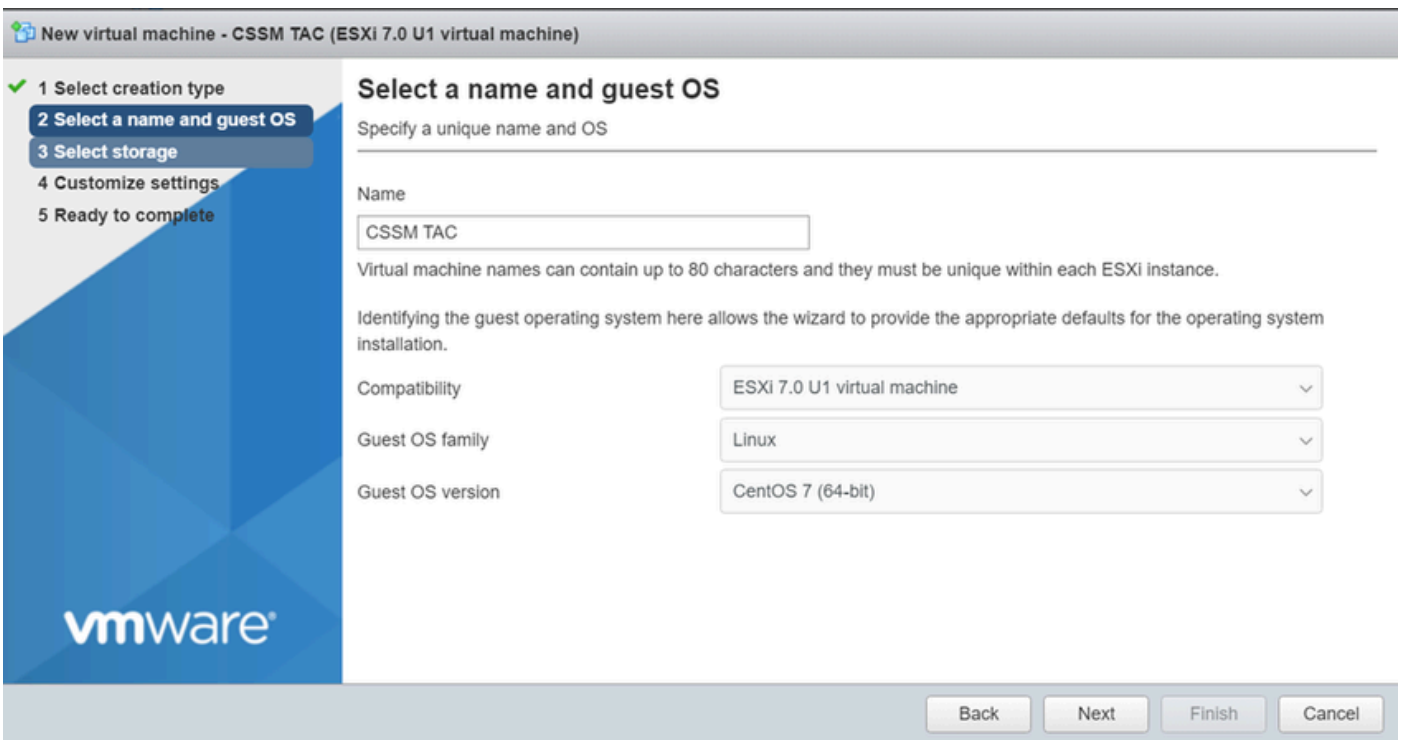


02 ةديج VM ةوطخ عاشنا

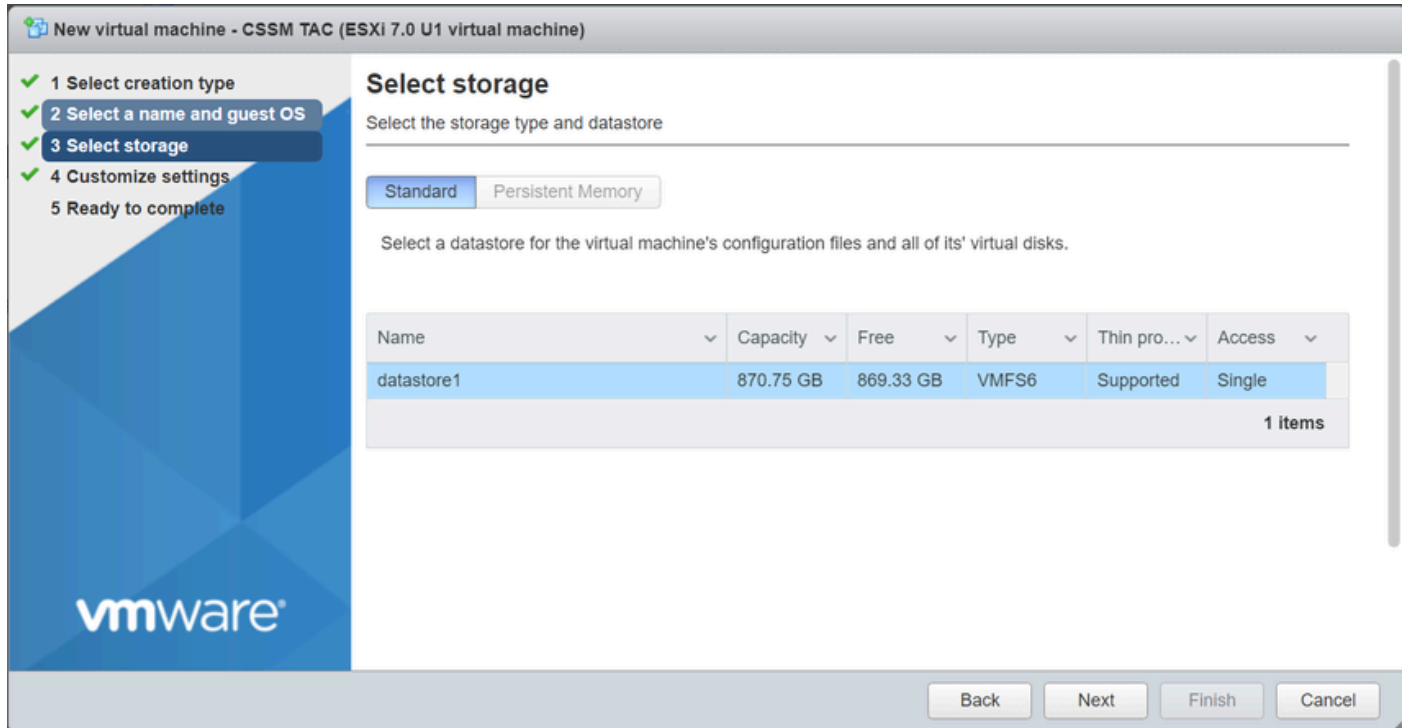
7. ةيلات الل تامل عمل نيوك تب مق م ث:

- يره اظلال كزاهج مسا لخدأ: م سالا.
- ثدجأ رادصا و ESXi 6.5 و ا ثدجأ رادصا و ESXi 6.0 اما دج: ق فاول الل.
- Guest OS: Linux لي غشت الل ماظن ةلئاع.
- Linux 2.6x (ا رادصا) و CentOS 7 (ا رادصا) اما رتخأ: Guest لي غشت الل ماظن رادصا ا ىرأالا (تب)

(ي الل) Next قوف رونا.



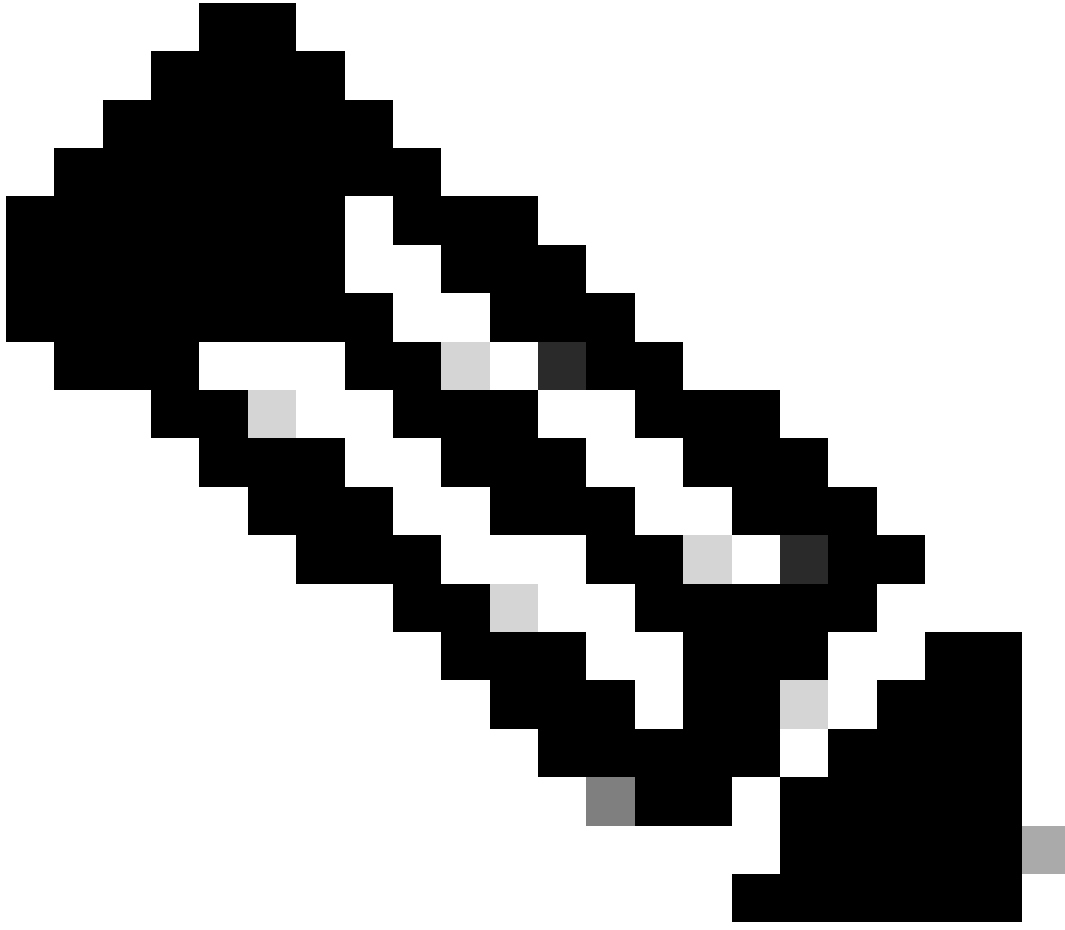
8. يلاتل قوف روناو كيدل نيزختلا ةدحو دح.



نيزختلا تادحو ةمئاق

9. يلاتل تاملعمل نيوكت:

- تابلطتم يلعل يلعف ال vCPU دادعإ دم تعي. ىندأ دحك 4: ةيزكرم ال ةجالعمل ةدحو
كب صاخلا سايقم ال



سباقم لا ددع نع رظنلا ضغب 1 ىل ع سباقم لكل زكارملا رادقم نييعت مزلي: ةظحال م
ةيزكرم ةجالام ةدحو نيوكت نيوكت مزلي، لاثملا لىبس ىل ع. ةددحملا ةيره اظلا
سباقم لكل دحاو زكرم و سباقم 4 ةئيه ىل ع تلوف 4 ةعرسب (vCPU)

▼ CPU	4 ▼ ⓘ
Cores per Socket	1 ▼ Sockets: 1

ىونلا نيوكت

- تىاباجي ج 8: ةركاذلا
- دادمإلا ىل ع دادمإلا نييعت نم ققحتو تىاباجي ج 200 ةعس: ةتباتلا صارقألا كرحم
قىقدلا

▼ Hard disk 1	200	GB	✕
Maximum Size	869.33 GB		
Location	[datastore1] CSSM TAC		Browse...
Disk Provisioning	<input checked="" type="radio"/> Thin provisioned <input type="radio"/> Thick provisioned, lazily zeroed <input type="radio"/> Thick provisioned, eagerly zeroed		

صرقلا ةئيهت

- ةقاطلا ليغشت دنع ليصوت ددحو E1000 ةئيهت عون ددح: ةكبشلا ةئيهت


▼ Network Adapter 1	VM Network
Status	<input checked="" type="checkbox"/> Connect at power on
Adapter Type	E1000e

ةكبشلا تادادع| نيوكت

- ISO فلم ددحو "ISO تانايب فلم رتخأ: DVD صارقأ / ةطوغضملا صارقألا كرحم

Datastore browser

Upload Download Delete Move Copy Create directory | Refresh

<div style="background-color: #2e5496; color: white; padding: 2px;">datastore1</div> <ul style="list-style-type: none"> vmimages 	<ul style="list-style-type: none"> .sdd.sf <li style="background-color: #2e5496; color: white; padding: 2px;">CSSM 	<div style="background-color: #2e5496; color: white; padding: 2px;">SSM_On-Prem-8-2...</div>	 SSM_On-Prem-8-2023... 2.92 GB Wednesday, July 26, 2...
---	--	--	---

ISO ةروص

ةقبا سلا تاوطخلا تنأ م تي نإ ام دادعإ ةئيهت عملا ةصالخ تققد عئيطتسي تنأ

New virtual machine - CSSM TAC (ESXi 7.0 U1 virtual machine)

- ✓ 1 Select creation type
- ✓ 2 Select a name and guest OS
- ✓ 3 Select storage
- ✓ 4 Customize settings
- 5 Ready to complete

Customize settings

Configure the virtual machine hardware and virtual machine additional options

CPU	4		
Memory	8	GB	
Hard disk 1	200	GB	✕
SCSI Controller 0	VMware Paravirtual		✕
SATA Controller 0			✕
USB controller 1	USB 2.0		✕
Network Adapter 1	VM Network		<input checked="" type="checkbox"/> Connect ✕
CD/DVD Drive 1	Datastore ISO file		<input checked="" type="checkbox"/> Connect ✕
Video Card	Specify custom settings		

Back Next Finish Cancel

VM 01 نيوكت صخلم

(يلا لال) Next قوف رقنا.

ءاهن قوف رقنا 10.

New virtual machine - CSSM TAC (ESXi 7.0 U1 virtual machine)

- ✓ 1 Select creation type
- ✓ 2 Select a name and guest OS
- ✓ 3 Select storage
- ✓ 4 Customize settings
- ✓ 5 Ready to complete

Ready to complete

Review your settings selection before finishing the wizard

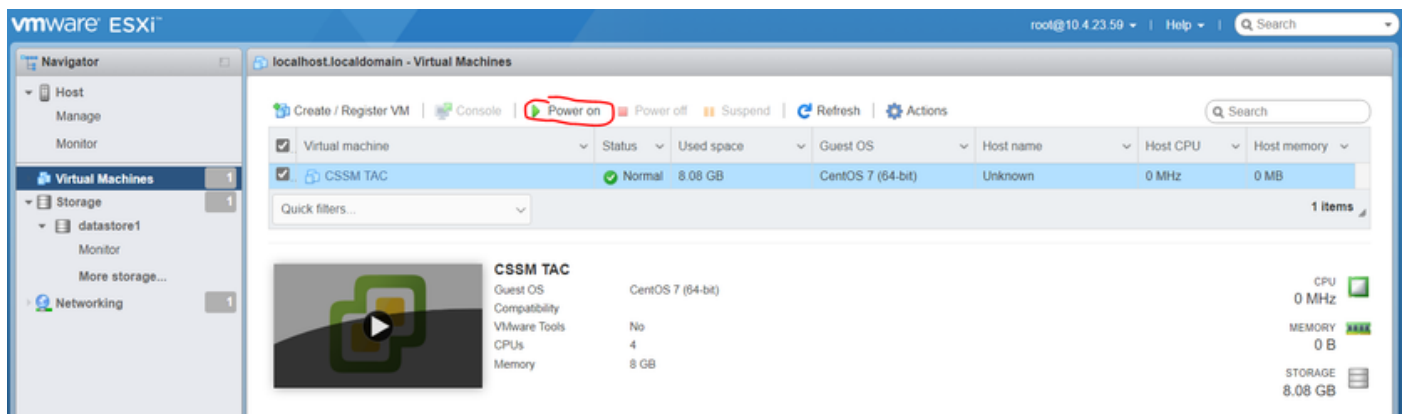
Name	CSSM TAC
Datastore	datastore1
Guest OS name	CentOS 7 (64-bit)
Compatibility	ESXi 7.0 U1 virtual machine
vCPUs	4
Memory	8 GB
Network adapters	1
Network adapter 1 network	VM Network
Network adapter 1 type	E1000e
IDE controller 0	IDE 0
IDE controller 1	IDE 1
SCSI controller 0	VMware Paravirtual
SATA controller 0	New SATA controller
Hard disk 1	

Back Next Finish Cancel

VM 02 نيوكت صخلم

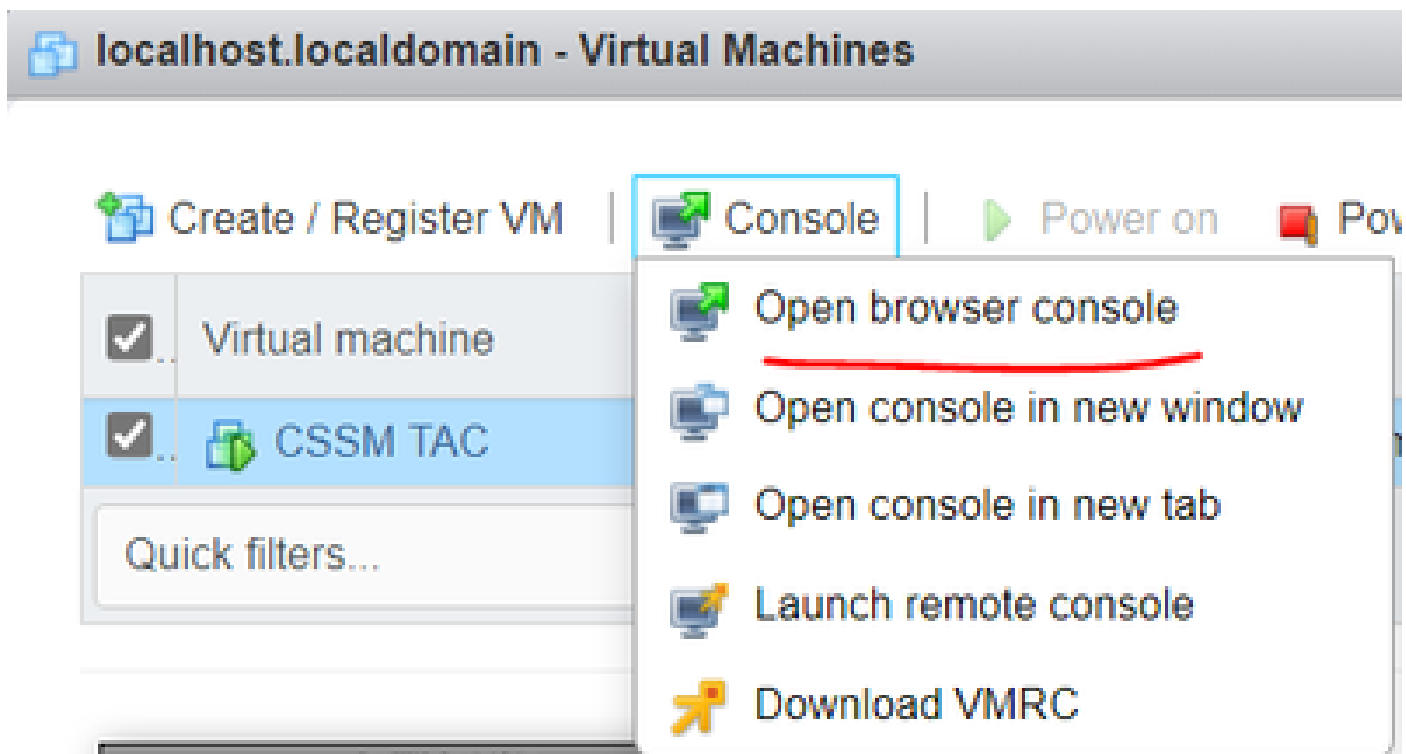
PREM-يلى CSSM لىل وئال نيوكتال

1. كىب صاخلا VM جمانرب ددو ەيضا رتفالال ەزەجالا يلى لقتنا VMware ESXi، جمانرب يى قىقاپالال ليغشت قوف رقتا مث



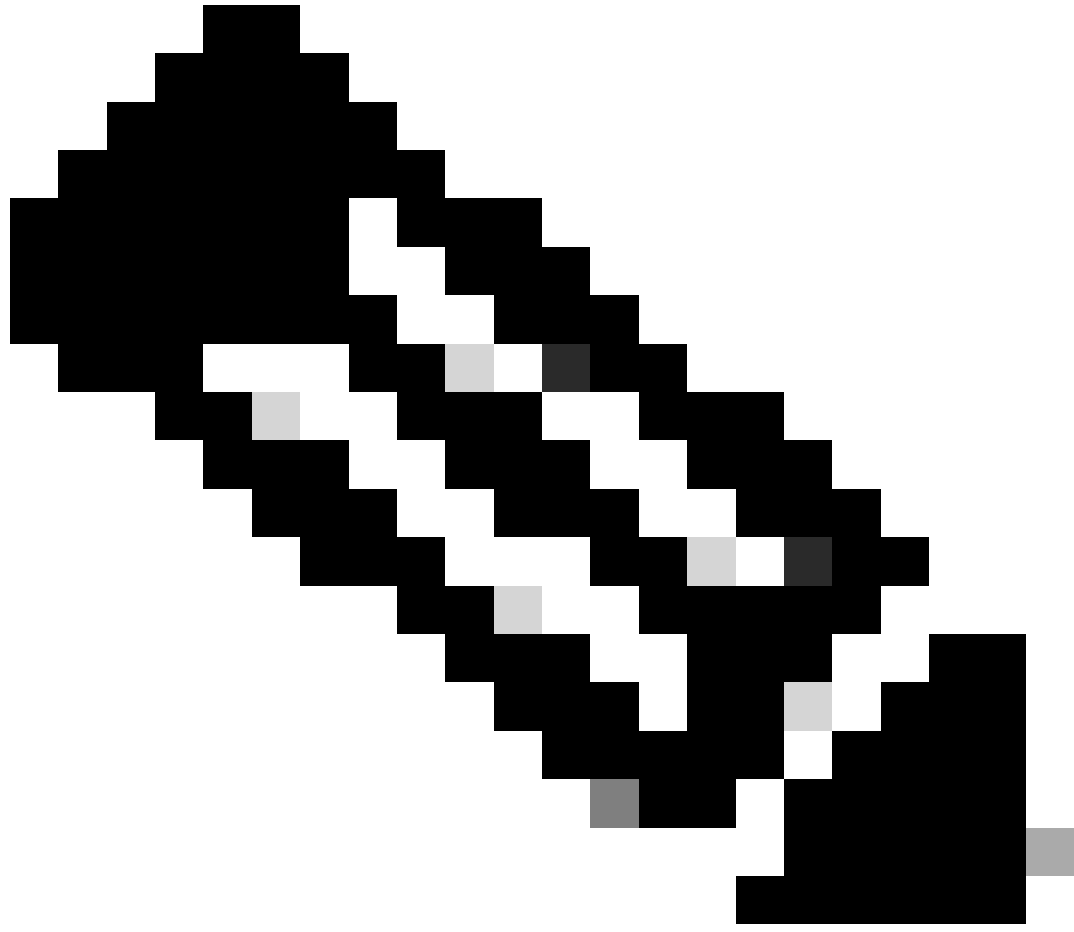
ەقاپالال ليغشت رايخ

2. حتف > مكحتلا ەدو دح (VM) ەيضا رتفالال ەزەجالا مكحت ەدو ەرادال ەددعت م تارايخ كىدل . ضرعت سمالا مكحت ەدو



يىرەاظاللا زاەجالا ەرادا تارايخ

3. كىب ەصاخلا ەكبشلا تادادعلا نيوكتال مق .



CSSM FQDN لرب موقوي يذلا DNS مداخل IP ناووع نيوكت مهمل نم :ةظحالم

Cisco SSM On-Prem Installation

System Settings:
 Hostname:
 Message Of The Day: Security Profile: FIPS 140-2 Mode:

Hardware Settings:
 CPU Model: Intel(R) Xeon(R) CPU E5-2699A v4 @ 2.40GHz CPU Threads: 4 Architecture: 64-bit
 Total System Memory: 8174636 kB Free Memory: 4330340 kB
 Available Disks: sda (200Gb) Encrypt Drive with LUKS: Enable USB:

Network Settings:
 Network Device:

IPv4 Configuration	IPv6 Configuration
Method: <input type="text" value="Static"/>	Method: <input type="text" value="Disabled"/>
Address: <input type="text" value="10.4.23.60"/>	Address: <input type="text"/>
Netmask: <input type="text" value="255.255.248.0"/>	Prefix: <input type="text"/>
Gateway: <input type="text" value="10.4.16.1"/>	Gateway: <input type="text"/>

Configure DNS: Specify more than one with commas

CSSM تادادع | نيوكت

ةديجال CLI رورم ةم لك نيوكتل قفاوم قوف رونا.

لوصول رماو ةجوم ةيؤر نم نكمتت ىتحت يهتنتو تيبتتلتا ةيلمع أدبت مث 4.

```

CSSM
#####
#                               #
#           Authorized access only!           #
#                               #
# Disconnect IMMEDIATELY if you are not an authorized user!!! #
#           All actions Will be monitored and recorded           #
#                               #
#####

SSM-On-Prem login: _

```

CSSM ل لولال نيوكتلتا لمك

5. لخدأو ضرعتسم حتفا https://<ip_address_cssm>.



Log into an Existing Account

User Name

Password

Log In

[Forgot Password](#)

Welcome to Smart Software Manager On-Prem where you can locally manage Smart Licensing and perform local Account Management functions for your organization.

CSSM لوخد ليحست ةحفص

ةيضارتفالا دامتعالا تانايب مادختسا

مدختسملا مسا: admin

رورملا ةملك: Cisco Admin!2345

6. كغ ددح.

7. ةيموسررلا مدختسملا ةهجال ةديج رورم ةملك ءاشناب مق.

8. فيضملا ل ءاشلا مسا ل نيوكتب مق. (hostname.yourdomain: لاثم).

فيضملا ل كرتشم مساك cssm.testlab.local نيوكت مت، ةالجال هذه في.

Welcome to Cisco Smart Software Manager On-Prem

STEP 1

System Language Selection

STEP 2

Temporary Password Reset

STEP 3

Host Common Name

STEP 4

Review and Confirm

Products that support String SSL Cert Checking require the SSM On-Prem's "Host Common Name" to match the "destination" URL address. For example:

- Products using Smart Transport must use both the "license smart url" configuration and the "cssm.testlab.local" value in the URL string.
- Legacy products using Smart Call Home must use both the "destination address http" configuration and the "cssm.testlab.local" value in the URL string.

If the above URLs do not match expectations, refer to the SSM On-Prem AdminWorkspace -> Security Widget to change the Host Common Name to the correct value.

The option to configure alternative names (SAN) is available in Admin Console under Security -> Certificates and can be configured after the initial setup.

* Host Common Name
cssm.testlab.local

Back

Next

9. قيبطت قوف رقناو نيوكتلا ةحص نم ققحت.

STEP 1 System Language Selection	STEP 2 Temporary Password Reset	STEP 3 Host Common Name	STEP 4 Review and Confirm
-------------------------------------	------------------------------------	----------------------------	------------------------------

Once you click "Apply", you will be redirected to the login page where you will need to login with your new password. Please ensure you have securely stored your password for future logins.

Review and Confirm

Language Selected:	English
Password Reset:	Yes
Host Common Name:	sccmtac.ciscotac.com



ل CSSM ل ةلؤلأل تاداعإل لامك مت

يكدل باسحل عم دادعإل لىل ع CSSM جم د

PREM. مداخ لىل ع كب صاخل CSSM ب يكدل ك باسح نارقإ لىل جاتحت

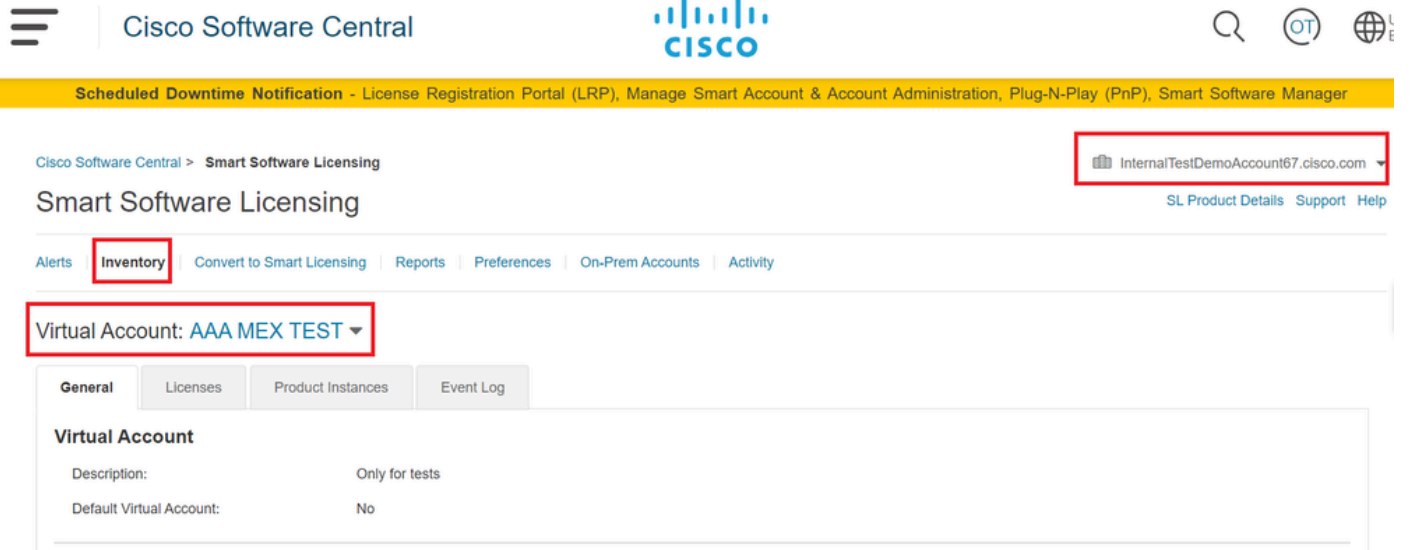
1. يلاتل طابترال مادختساب Cisco نم يكدل ك باسح حتفا:

<https://software.cisco.com/>

2. ةيكدل جماربل ري دم مسق نم ص صيخارتل ةرادا رتخأ م ث.

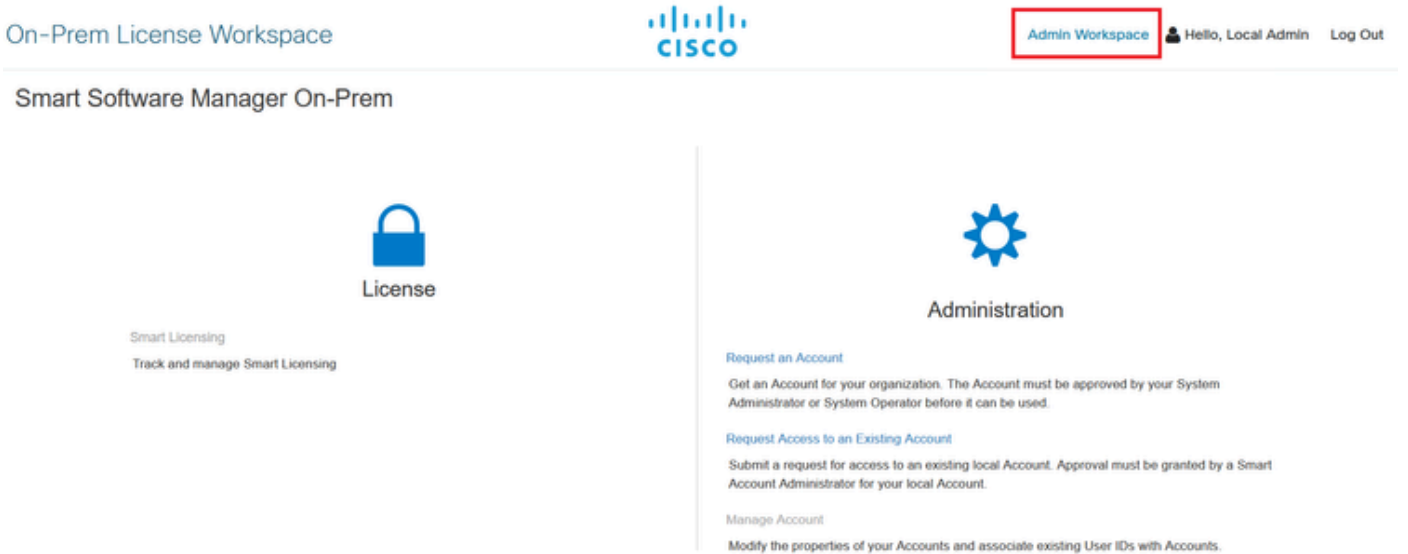
	<p>Smart Software Manager</p> <p>Track and manage your licenses. Convert traditional licenses to Smart Licenses.</p> <p>Manage licenses ></p>	<p>Download and Upgrade</p> <p>Download new software or updates to your current software.</p> <p>Access downloads ></p>	<p>Traditional Licenses</p> <p>Generate and manage PAK-based and other device licenses, including demo licenses.</p> <p>Access LRP ></p>
	<p>Manage Smart Account</p> <p>Update your profile information and manage users.</p> <p>Manage account ></p>	<p>EA Workspace</p> <p>Generate and manage licenses purchased through a Cisco Enterprise Agreement.</p> <p>Access EA Workspace ></p>	<p>Manage Entitlements</p> <p>eDelivery, version upgrade, and more management functionality is now available in our new portal.</p> <p>Access MCE ></p>
	<p>صيخارتل ةرادا راخ</p>		

3. اذه، ليل دلدا اذه في. يره اظلال باسحل او يكذلا باسحل المساخسن او نوزخمل الى لقتنا. اذ
InternalTestDemoAccount67 و AAA MEX. راب تخ



Cisco جمارب ةحفص

4. Admin لمع ةحاسم رايخ ددحو CSSM ةيموسررلا مدختسمل ةهجاوحتفا.



ةيسئرلا CSSM ةمئاق.

5. تاباسحل ددح مث.

On-Prem Admin Workspace

Smart Software Manager On-Prem



Access
Management



Settings



Accounts



Support
Center



API Toolkit



Synchronization



Network



Users



Security

Generate CSR

Common Name	cssm.testlab.local
Organizational Unit	Testlab
Country	Mexico ▼
State/Province	Mexico City
City/Locality	Mexico City
Organization	SEC AAA
Key Size	2048 ▼
Subject Alternative Name	cssm.testlab.local

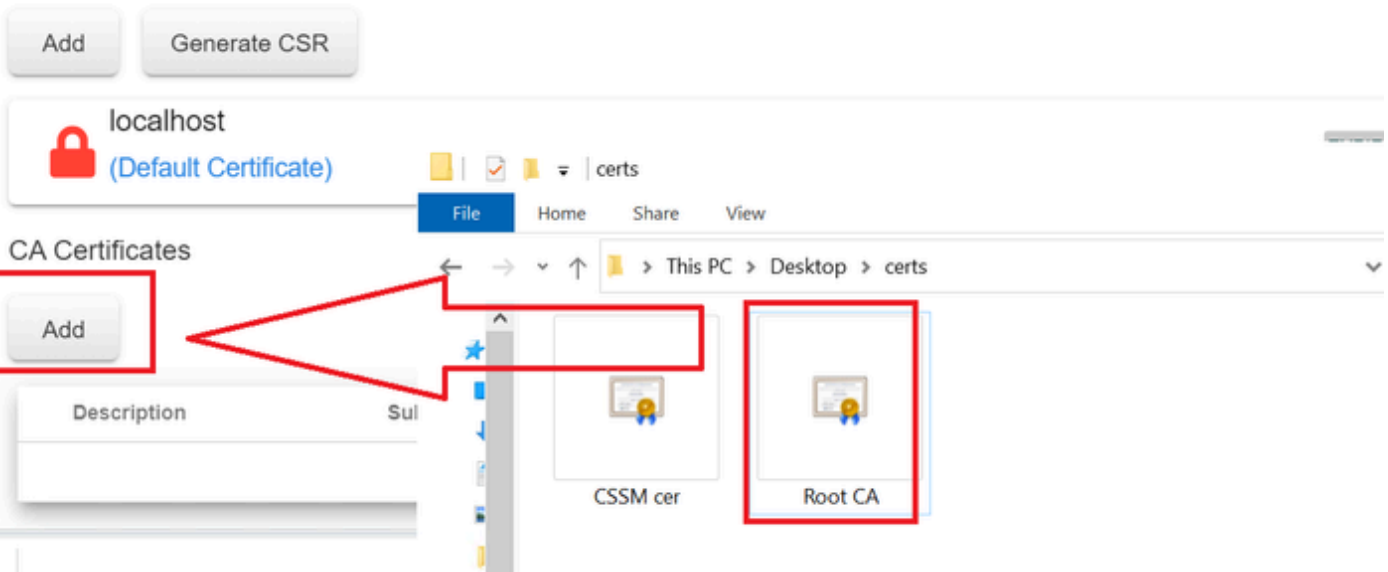
Generate

Cancel

CSR لي صافات

4. اذه ي ف [Windows CA](#) نم ت اداهش عاش نا" عجار ، تام ول عمل نم دي زم ل CSR عي قوت ب مق . دن ت س م ل
5. رذجل ق دص م ل عجر م ل اداهش لي م ح ت .

Browser Certificate



ردجلال قدصملا عجرملا لي محت

ة باتم يل ع ر ق نا .



Please note that if you are uploading **LDAP Server Certificate**, it is mandatory to reboot your SSM On-Prem server for the certificate to take effect and thus allowing secure communication with the server.

Below are the commands for non-HA(standalone) deployments:

1. Execute "reboot" command in Onprem-console
ssh admin@<IP>
onprem-console
reboot

For HA deployments

1. Execute reboot command on active node in onprem-console. After failover, ensure that DB replication has started. If you wish to restore the previous active node, execute another reboot, after verifying replication has started.

The active node is the node that is serving the virtual IP of the cluster.

Proceed

ة باتملا را ي خ .

6. قفاوم ىلع رقناو رذجل اءءاشلا رءءاوا فصولءءا.

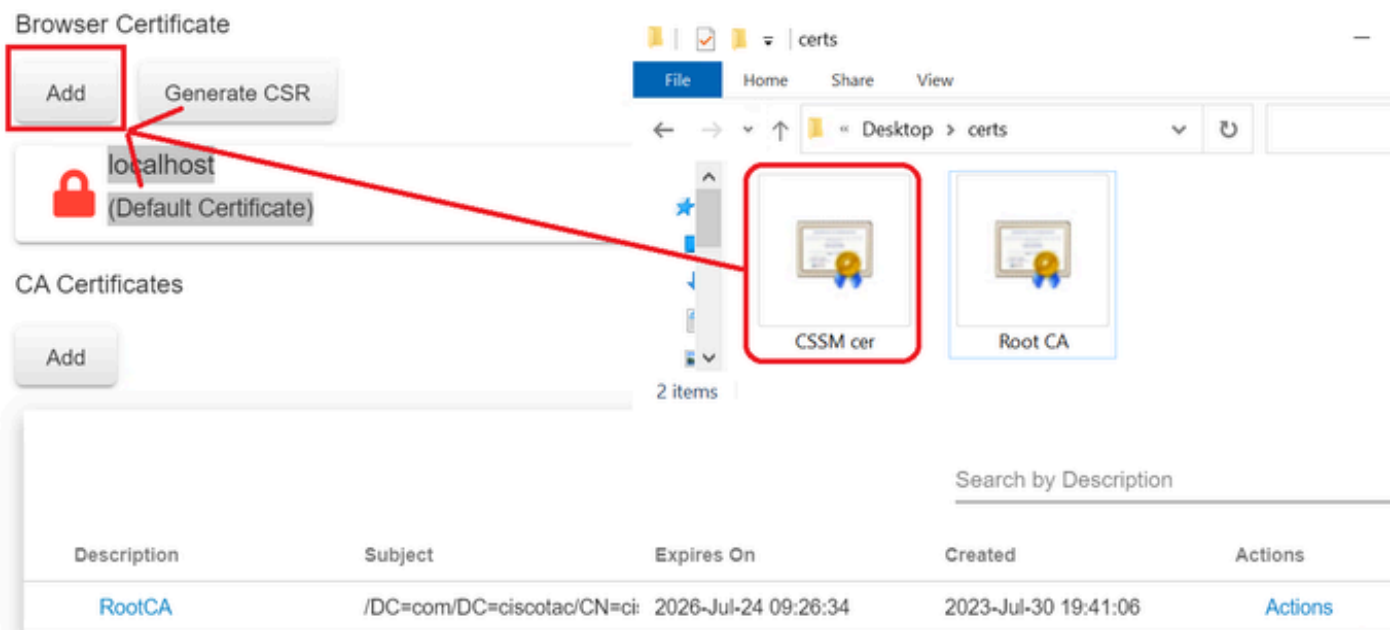
Upload Certificate

* Description:

* Certificate:

فصولل رذجل قءصملا عءرملا

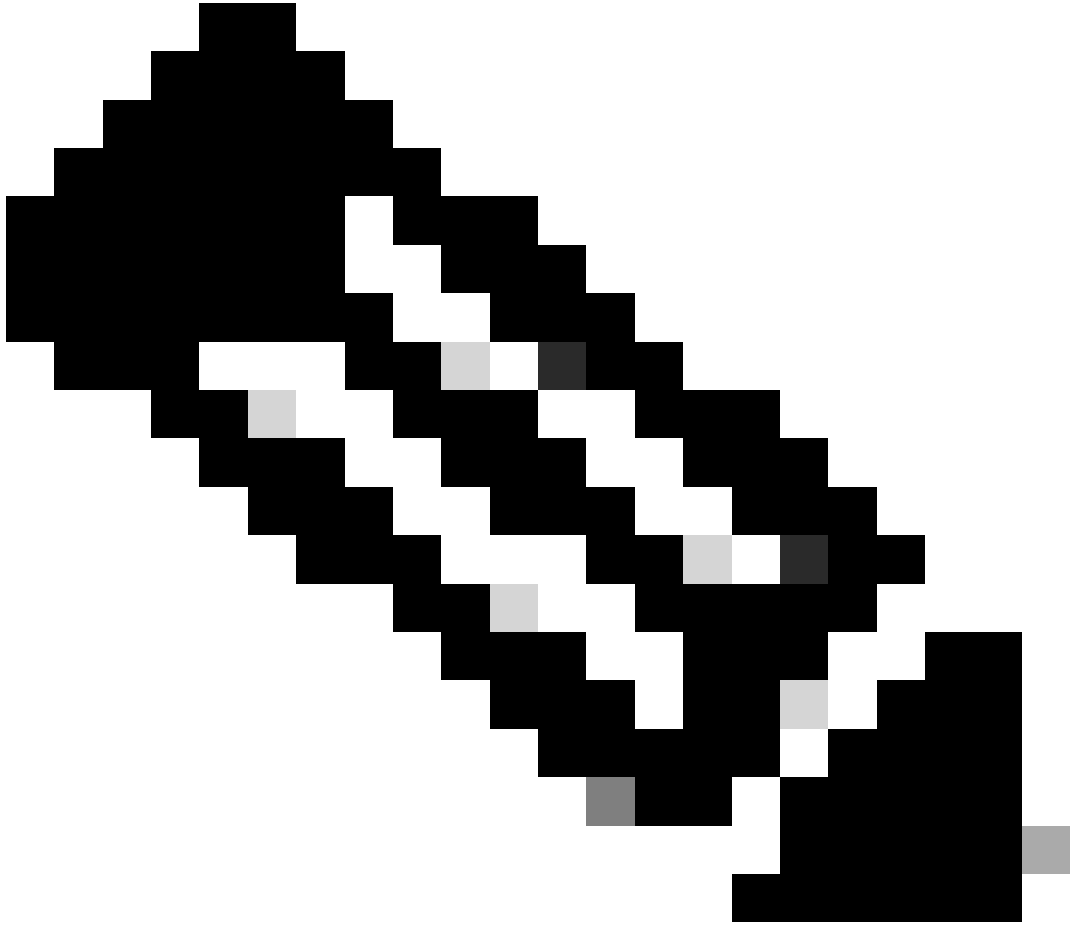
7. (CSSM ءىوه اءاش) CA لبق نم عقوملا CSR لىمءء.



The screenshot shows the 'Browser Certificate' management interface. The 'Add' button is highlighted with a red box. A red arrow points from this button to a file explorer window showing a folder named 'certs' on the desktop. Inside this folder, two certificate files are visible: 'CSSM cer' and 'Root CA', both of which are also highlighted with red boxes. Below the file explorer, the 'CA Certificates' section is visible, showing a table with the following data:

Description	Subject	Expires On	Created	Actions
RootCA	/DC=com/DC=ciscotac/CN=ci	2026-Jul-24 09:26:34	2023-Jul-30 19:41:06	Actions

CSSM فىرءء ءءءو لىمءء



انيدل قدصملا عجرملا يف ةطيسولا ةداهشلا دجوت ال ،انتلاح يف :ةظحالم :ةظحالم
نوكت ةطيسولا ةداهشلا نإف ،كتينب يف ةطيسو ةداهش مدختست تنك اذا ،كلذ عمو
ةيمازلا

8. نيتداهشلا الك تيبثت نم دكأت ،كلذ دعب .

Browser Certificate

Add

Generate CSR



cssm.testlab.local

EXPIRATION DATE: 2025-JUL-16

CA Certificates

Add

Search by Description

Description	Subject	Expires On	Created	Actions
RootCA	/DC=local/DC=testlab/CN=tes	2027-Apr-14 22:51:26	2024-Jul-16 21:18:52	Actions

تاداهشلا ةحص نم ققحتلا

ص.يخرتلا لمع ةحاسم دي دحت: SSM On-Prem ىل ع زيمم زمر عاشن | 9.

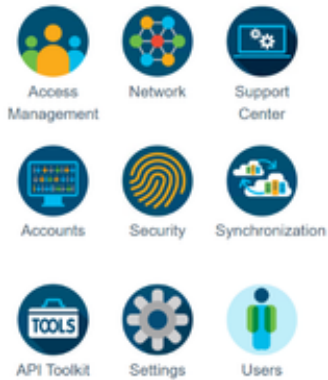
On-Prem Admin Workspace



Licensing Workspace

Log Out

Smart Software Manager On-Prem



System Health
Good
Your machine is working well

Server Name SSM-On-Prem
Version 8-202304
Uptime 3 days

Resource Monitor Percentage
CPU |
RAM |
DISK |

Interface: ens192
↑ 6.9 MB/s ↓ 37 KB/s

Recent Alerts

لمعلا ةحاسم ةحفص

ي.كذلا ص.يخرتلا ىل لقتنا | 10.

On-Prem License Workspace



Admin Workspace Hello, Local Admin Log Out

Smart Software Manager On-Prem

Demo Account



License

Smart Licensing

Track and manage Smart Licensing



Administration

Request an Account

Get an Account for your organization. The Account must be approved by your System Administrator or System Operator before it can be used.

Request Access to an Existing Account

Submit a request for access to an existing local Account. Approval must be granted by a Smart Account Administrator for your local Account.

11. ةعباتم قوف رقناو ديڊج زيمم زمر قوف رقنا مٲ، يلحملا يره اظلا باسحلل نع شحبا.

Smart Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | Activity

Local Virtual Account: [Default](#)

General | Licenses | Product Instances | SL Using Policy | Event Log

Local Virtual Account

Description: This is the default virtual account created during company account creation.

Default Local Virtual Account: Yes

Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this Local Virtual Account. For products that support Smart Transport, you must configure the "license smart uri" on the product to use the [Smart Transport Registration URL](#). For products that support Smart Licensing Using Policy that use cslu as transport, you must configure the "license smart transport cslu" to use the [CSLU Transport URL](#). For legacy products that still use Smart Call Home, you must configure the "destination address http" on the product to use the [Smart Call Home Registration URL](#). The recommended method is Smart Transport. Please consult your Products Configuration Guide for setting the destination URL value.

[New Token...](#)

ديڊج زيمم زمر رايخ.

12. هخسنو زيمم زمر عاشن | ددح.

Create Registration Token



This dialog will generate the token required to register your product instances with your Account .

Local Virtual Account: Default

Description:

Expire After: Days
Enter a value between 1 and 9999, but Cisco recommends a maximum of 30 days

Max. Number of Uses:
The token will be expired when either the expiration or the maximum uses is reached.

Allow export-controlled functionality on the products registered with this token i

Create Token

Cancel

ديڊج زيمم زمر عاشن |

CSSM configuration

Security

Account Password Certificates Event Log

Product Certificate

Host Common Name
cssm.testlab.local

Subject Alternative Name

Save

NOTE: The Host Common Name is typically composed of Host + Domain Name(FQDN) and will look like "www.your-site.com" or "your-site.com". The SSL Server Certificate used for product communications is specific to the Common Name that has been issued at the Host. Therefore, the Common Name must match the Web address you will use to configure the Cisco Product when connecting to SSM On-Prem. The Common name is a part of the Subject Alternative Name by default. If you change the Common Name or add Subject Alternative Name, you must resynchronize your Local Account in order for Cisco to issue a new product certificate(TG cert).

Browser Certificate

Add Generate CSR

cssm.testlab.local

EXPIRATION DATE: 2025-JUL-18

ISE configuration

Connection Method
SSM On-Prem server

SSM On-Prem server Host
cssm.testlab.local

Note: Cisco Support Diagnostics will not work with SSM On-Prem server registration.

Tier
 Essential Advantage Premier Device Admin

Virtual Appliance
 ISE VM License

This enables the ISE features for the purchased licenses to be tracked by Cisco Smart Licensing.

By clicking Register you will agree to the Terms&Conditions. You can download Terms&Conditions on [Smart Licensing Resources](#).

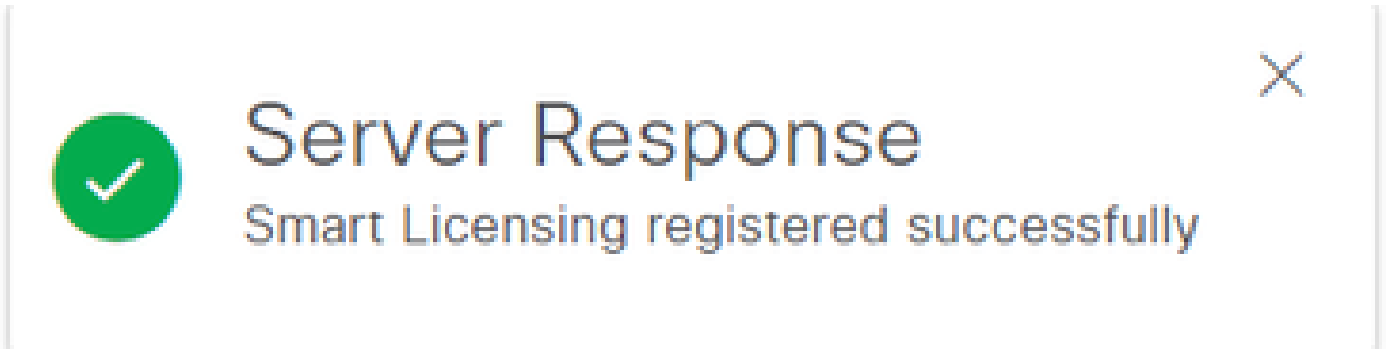
Cancel Register

إعدادات CSSM و ISE.

نأل فيض ملل عئاشللا مساللا ىل ع لاج ملل + فيض ملل مساللا نىوكت مه ملل نم :ةظحال مل
ال دب IP ناو نع مادختسا كنكمي . CSSM ب لاصتلا عاشنلا ةمل عمللا هذو مدختسا سي ISE

لإجمالي hostname + domain، هذه هي صيغة العنوان، hostname + domain

15. لإجمالي مامتا م، إريخأو.

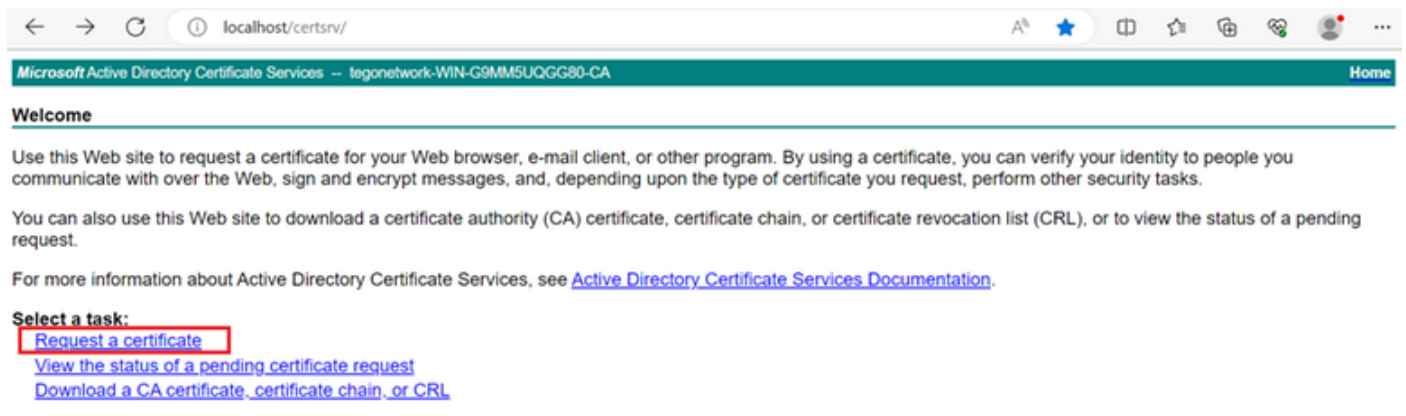


لإجمالي مامتا م.

Windows. قم بتصميم عجم نم تاداهش عاشنإ

ي: لي امب موقت نأ بجي، قم بتصميم عجم نم لوؤسم لتأ تنك إذا

1. إلى حفصتو بي وضرعتسم حتفا. <http://localhost/certsrv/>
2. ةداهش بلط إلى رقنا.



ةداهش بلط.

3. ةمدقتم ةداهش بلط إلى رقنا.



م.دقتم ةداهش بلط.

4. ظروف حمل الطلب في اهل وصلو تام ول عمل ا خ س ن ا م ث . اقباس هؤاشن ا مت يذل CSR حت فا .

The image shows two windows. On the left is a Notepad window titled 'sccrtaac.ciscotac.com.csr - Notepad' containing a Base64-encoded CSR request. The text is enclosed in a red box. On the right is a web browser window titled 'Microsoft Active Directory Certificate Services' showing the 'Submit a Certificate Request or Renewal Request' page. The 'Saved Request' field contains the same Base64-encoded CSR request, also enclosed in a red box. A red arrow points from the Notepad window to the browser window. The 'Submit >' button is also highlighted with a red box.

ةدهاش ل لاسرا .

ا.يئ اقل ت اهل يزنت متي ةدهاش ل لاسرا قوف ر قن ل ا دع ب

5. ةدهاش ل ليزنت ددحو و <http://localhost/certsrv/> ل ل ا ل ق ت ن ا . CA ةدهاش رذل ل ليزنت ب مق ن آ ل ا . CRL و ا ت ادهاش ل ا ةل س ل س و ا

The image shows the 'Welcome' page of the Microsoft Active Directory Certificate Services. The page contains the following text: 'Use this Web site to request a certificate for your Web browser, e-mail client, or other program. By using a certificate, you can verify your identity to people you communicate with over the Web, sign and encrypt messages, and, depending upon the type of certificate you request, perform other security tasks. You can also use this Web site to download a certificate authority (CA) certificate, certificate chain, or certificate revocation list (CRL), or to view the status of a pending request. For more information about Active Directory Certificate Services, see [Active Directory Certificate Services Documentation](#). Select a task: [Request a certificate](#), [View the status of a pending certificate request](#), [Download a CA certificate, certificate chain, or CRL](#)'.

رذل ل ا ق د ص م ل ا ع ج ر م ل ا ل ليزنت

6. Base64 زي م ر ت ل ا ب و ل س ا م ا د خ ت س ا ب CA ةدهاش ل ليزنت ب مق .

Download a CA Certificate, Certificate Chain, or CRL

To trust certificates issued from this certification authority, install this CA certificate chain.

To download a CA certificate, certificate chain, or CRL, select the certificate and encoding method.

CA certificate:

Current [ciscotac-ca]

Encoding method:

DER

Base 64

[Download CA certificate](#)

[Download CA certificate chain](#)

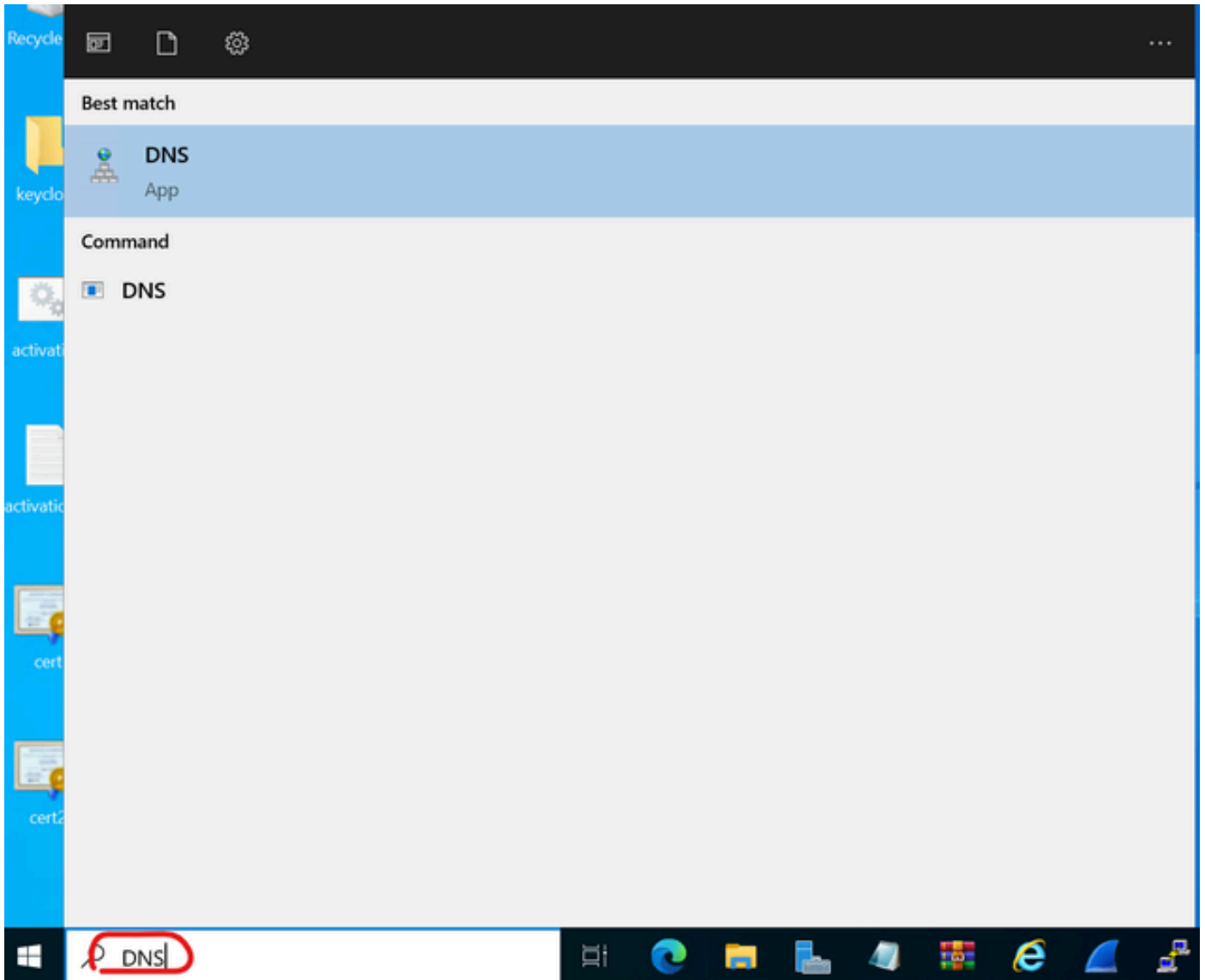
[Download latest base CRL](#)

64. ةدعاق رايخ

Windows Server ىل ع DNS تال ج س ة فاض ا

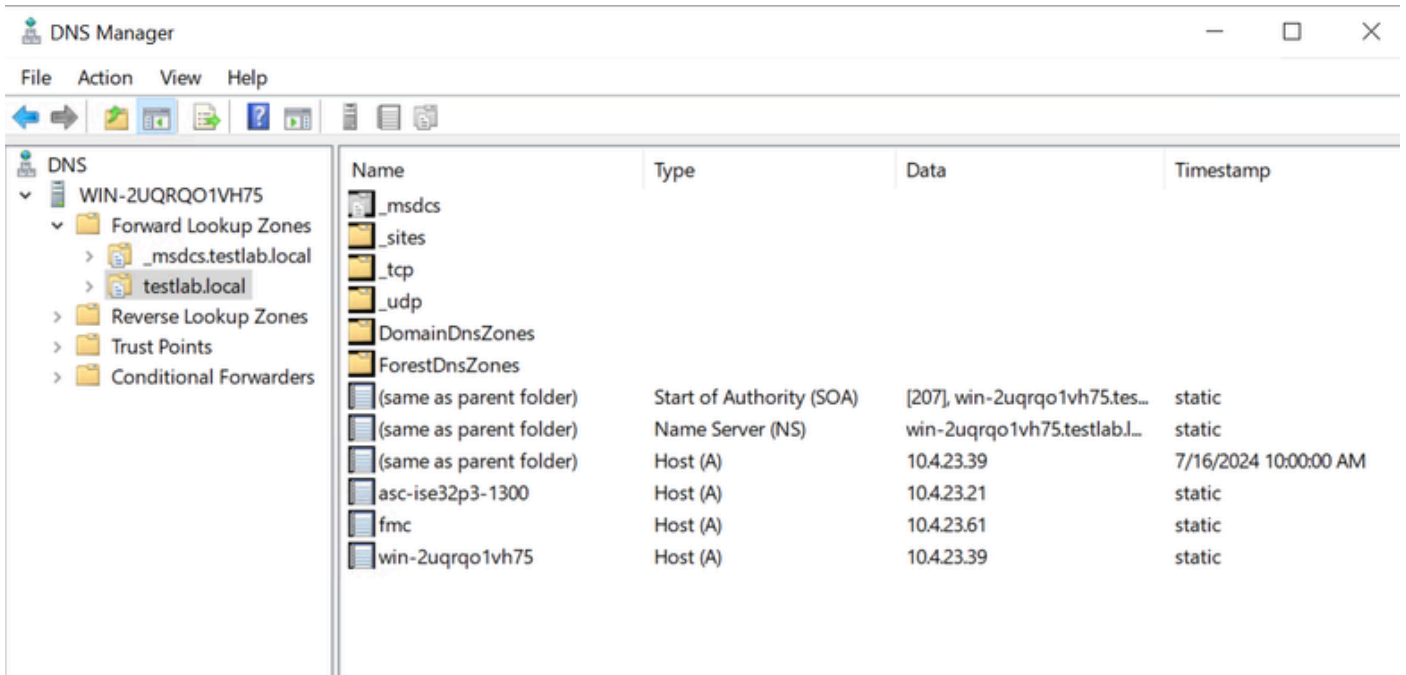
CSSM FQDN و ISE تالك بش ة فاض اب مقف ، لوؤس م لا تنك اذا

1. DNS قېب ط ت حت فاو Windows Finder ىل ع "DNS" بت كا : DNS ة را دا حت فا .



رأي DNS.

2. كـب صـاخـلـا لـاـجـمـلـا رتـخـا و > هـيـجـوتـلـا ةـداعـا شـحـب قـطـانـم يـلـا لـقـتـنـا .



DNS رېډم.

"(A و AAA) ډيډج فيضم ددحو ؤشاشلا ىلع ءادوس ؤحاسم قوف نميأل سواملا رزب رقنا 3.

Update Server Data File

Reload

New Host (A or AAAA)...

New Alias (CNAME)...

New Mail Exchanger (MX)...

New Domain...

New Delegation...

Other New Records...

DNSSEC



All Tasks



Refresh

Export List...

View



Arrange Icons



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 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