

CA مادختساب 7.5.1 Stealthwatch عم 3.3 ISE جمد يجراخال

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عمدقملا

ليصوت pxGrid لمعتسي (Stealthwatch) تاليلحت ءكبش نمأي عم 3.3 ISE جمدى نا اراج ءقيث واذه فصى

قيساسالابلطتملا

تاعوضوملا هذه ي ءفورعملاب Cisco يصوت

- ءيوهلا تامدخ كرحم
- (pxGrid) قىساسال ءمظناللا لدابت ءكبش
- (Stealthwatch) قنمآلا ءكبشلا تاليلحت
- TLS/SSL تاداهش
- Windows Server 2016 ليغشتلا ماطن لىل ع PKI

مَدْخُت سَمَلَا تَانُوكَمَلَا

هذِهِ السَّالَاتُ الَّتِي دَامَ لَهَا تَانُوكَمَلَا وَجَمَارِبُهَا تَارَادُصًا إِلَى دَنْتِ سَمَلَا إِذَا فِيهِ عَدَاوَلَا تَامُولُ عَمَلَا دَنْتِ سَمَلَا:

- Identity Services Engine (ISE)، رَادُصُ إِلَا 3.3 Patch 4
- سَمَلَا أَلَا عَكْبُشَلَا تَالِي لَحْتَا (Stealthwatch) 7.5.1
- (CA) يَجْرَاحُ تَادَاهُشَ عَجْرَمَ مَدَاخِكَا Windows Server 2016.

هَذِهِ أَلَا عِيْمُجُ تَادُبَا. عَصَاخَةُ يَلْمَعُ عَمَلُ عَكْبُشَلَا فِي عَدُوجُومَلَا هَذِهِ أَلَا نَمُ دَنْتِ سَمَلَا إِذَا فِيهِ عَدَاوَلَا تَامُولُ عَمَلَا عَاشِنَا مَتَا كَمَهَفَا نَمُ دَكَا تُتَفَا، لِي غَشَتَلَا دِي قَا كَتَا كَبُشَا تَنَاكَ إِذَا. (يَضَارَتُ فَا) حَوْسَمَمَا نِي وَكَتَبَا دَنْتِ سَمَلَا إِذَا فِيهِ عَمْدُخُتُ سَمَلَا رَمَا أَلَا لَمَتَا حَمَلَا رِي تَا تُتَلَلَا.

نِي وَكَتَلَا

(Stealthwatch) سَمَلَا أَلَا عَكْبُشَلَا تَالِي لَحْتَا عَدَاهُشَا نِي وَكَتَا: أَمَسَقَلَا

نَمَلَا أَلَا عَكْبُشَلَا لِي لَحْتَلَا PxGrid لِي عَمَلُ عَدَاهُشَلَا CSR عَاشِنَا - أَعَزَجَلَا

1. Stealthwatch (SMC) عَرَادَا مَكْحَتَا عَدُوحَا إِلَى لَوُخْدَلَا لَحَسَا.
2. هَذِهِ زَكْرَمَلَا عَرَادِلَا > مَاعَا > نِي وَكَتَا دَدَحَا، هَذِهِ سَيُئِرَلَا عَمَلَا قَالَا نَمَا.



Risk



Monitor



Investigate



Report



Configure

Configure

X

Detection

Host Group Management

Alarm Severity

Policy Management

Response Management

Network Scanners

Analytics

Alerts

Global

Central Management

User Management

Manager

UDP Director

External Lookup

System

قەسەل س و ا CA داهش لىزنت ددو MS Active Directory Certificate Service عسىرلا حفصلا الى لقتنال .

CRL و ا تاداهش لا.

Welcome

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](#)

2. CA ةداهش ليزنت قوف رقنا مٲ ، BASE-64 قيسنت ددح .

3. CA_Root.cer ك ةداهش ل طفح ا .

Microsoft Active Directory Certificate Services -- Avaste-ISE

Download a CA Certificate, Certificate Chain, or CRL

To trust certificates issued from this certification authority, [install this CA certificate](#).

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

CA certificate:

Encoding method:

☐ DER

☒ Base 64

[Install CA certificate](#)

[Download CA certificate](#)

[Download CA certificate chain](#)

[Download latest base CRL](#)

[Download latest delta CRL](#)

4. Stealthwatch (SMC) ةراد ا مكحت ةدحو ل ل لوخدلا لفس .

5. ةيزكرمل ةراد ا ل > ماع > نيوكت ددح ، ةيسئرل ةمئاقلا نم .

6. ريدملا ب صاا (صقان عطق) زمر قوف رقنا ، نوزملا ءحفص ف .

7. Edit Appliance Configuration رتأ .

8. ماع بوبتل ةمالع ددح .

9. لبق نم اهرصدت مت يتل CA_Root.cer ةداهش دروتساو Trust Store مسق ل ل لقتنا .

10. ديدج ةفاضا قوف رقنا .

Central Management Inventory Data Store Update Manager App Manager Smart Licensing Database

Inventory / Appliance Configuration

Appliance Configuration - Manager

smcra (10.106.127.50) / Last Updated: 2/8/2025, 5:30:58 PM by admin

Cancel Apply Settings

Configuration Menu

Appliance Network Services **General**

☐ Enable FIPS Encryption Libraries

☐ Enable Common Criteria Encryption Libraries

SMTP Configuration

SMTP Server

Port

From Email

User Name

Password

Encryption Type

☒ SMTPS ☐ STARTTLS ☐ Un-Encrypted

External Services

If you enable a service, make sure you enable it on the other required appliances. Refer to the tooltip for requirements.

☒ Enable Cisco Security Cloud Control

☒ Enable Customer Success Metrics

☒ Enable Threat Feed

Feed Confidence Level

7

DoDIN Notifications

☐ Enable

To Email *

Backup Configuration Encryption

Make sure you save your password. If you lose your password, you can change it. However, you will not be able to restore a backup configuration file without the password.

☐ Enable Encryption

Backup Configuration Password

Confirm Password

Trust Store

Add New

Friendly Name	Issued To	Issued By	Valid From	Valid To	Serial Number	Key Length	Actions
yy1nde2owmzmdu5ndc2m2r2mu... ert	Secure Network Analytics	Secure Network Analytics	2024-06-20 20:17:15	2029-06-21 20:17:15	403cd116b1af4d3b71e9060afdb...	4096	Delete
fc751new.www.cisco.com	Secure Network Analytics	Secure Network Analytics	2024-06-23 12:14:09	2029-06-24 12:14:09	14e60739401a8e204c7f03b12279...	4096	Delete
AWS	Amazon	Amazon	2015-05-26 05:30:00	2038-01-17 05:30:00	66c9fcf99bfb0a39e2f0788a43e69...	2048	Delete

5 items per page 1 - 3 of 3 items Page 1 of 1

11. اهري دصت متي الت ISE CA داهش دي دحتل... فل مل دي دحت قوف رقا مت، فول أم مساب داهش التي مس تب مق. اق ب سم.

12. تاري ي غتال ظ فحل داهش ة فاضا قوف رقا نا.

Add Certification Authority Certificate

Friendly Name *

AVASTEROOTCA

Certificate File *

AVASTE_ROOT.cer

Select file...

Cancel Add Certificate

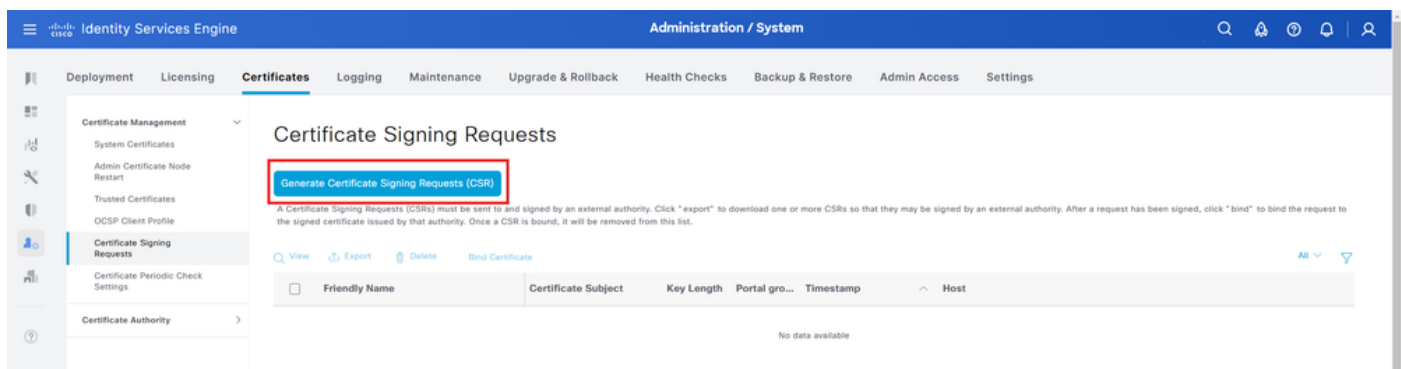
تاريي غتال ظفحل تاداعإل قيبطت قوف رقنا 13.

Cisco Identity Services Engine 3.3 ةداهش نيوكت :ب مسقلا

ISE Server pxGrid ةداهش عاشنإ - ا عزجل

ISE Server pxGrid ةداهشل CSR عاشنإ:

1. Cisco نم ةيوهل تامدخ كرحمل (GUI) ةيموسرلا مدختسملا ةهجاو ىلإ لوخدلا لئس.
2. تاداهشل عيقت تابلط > تاداهشل ةرادإ > تاداهشل > ماضنل > ةرادإل ىلإ لئتنا.
3. (CSR) ةداهشل عيقت تابلط عاشنإ دح.



4. لئلل (تاداهشل) ةداهشل ف pxGrid دئحت مادختسإ متي.
5. اهل ةداهشل عاشنإ متي يتال ISE ةدقع دح.
6. ةءجال بسح ىرءال تاداهشل لئصافت ألما.
7. عاشنإ قوف رقنا.

Usage

Certificate(s) will be used for pxGrid

Allow Wildcard Certificates ☐ ⓘ

Node(s)

Generate CSR's for these Nodes:

Node	CSR Friendly Name
☒ avasteise271	avasteise271#pxGrid

Subject

Common Name (CN)
SFQDNS ⓘ

Organizational Unit (OU)
AAA ⓘ

Organization (O)
Cisco ⓘ

City (L)
Bangalore

State (ST)
KA

Country (C)
IN

Subject Alternative Name (SAN)

⋮ DNS Name	avasteise271.avaste.local	— +
⋮ IP Address	10.127.197.128	— + ⓘ

* Key type
RSA ⓘ

* Key Length
4096 ⓘ

* Digest to Sign With
SHA-384

Certificate Policies

Generate Cancel

8. ايلحم فلملا طفحو وري دصت قوف رقنا .

×

Successfully generated CSR(s) ✓

Certificate Signing request(s) generated:

avasteise271#pxGrid

Click Export to download CSR(s) or OK to return to list of CSR(s) screen

OK Export

Microsoft Active Directory Certificate Services – Avaste:ISE

Submit a Certificate Request or Renewal Request

To submit a saved request to the CA, paste a base-64-encoded CMC or PKCS #10 certificate request or PKCS #7 renewal request generated by an external source (such as a Web server) in the Saved Request box.

Saved Request:

Base-64-encoded certificate request (CMC or PKCS #10 or PKCS #7).

-----BEGIN CERTIFICATE REQUEST-----

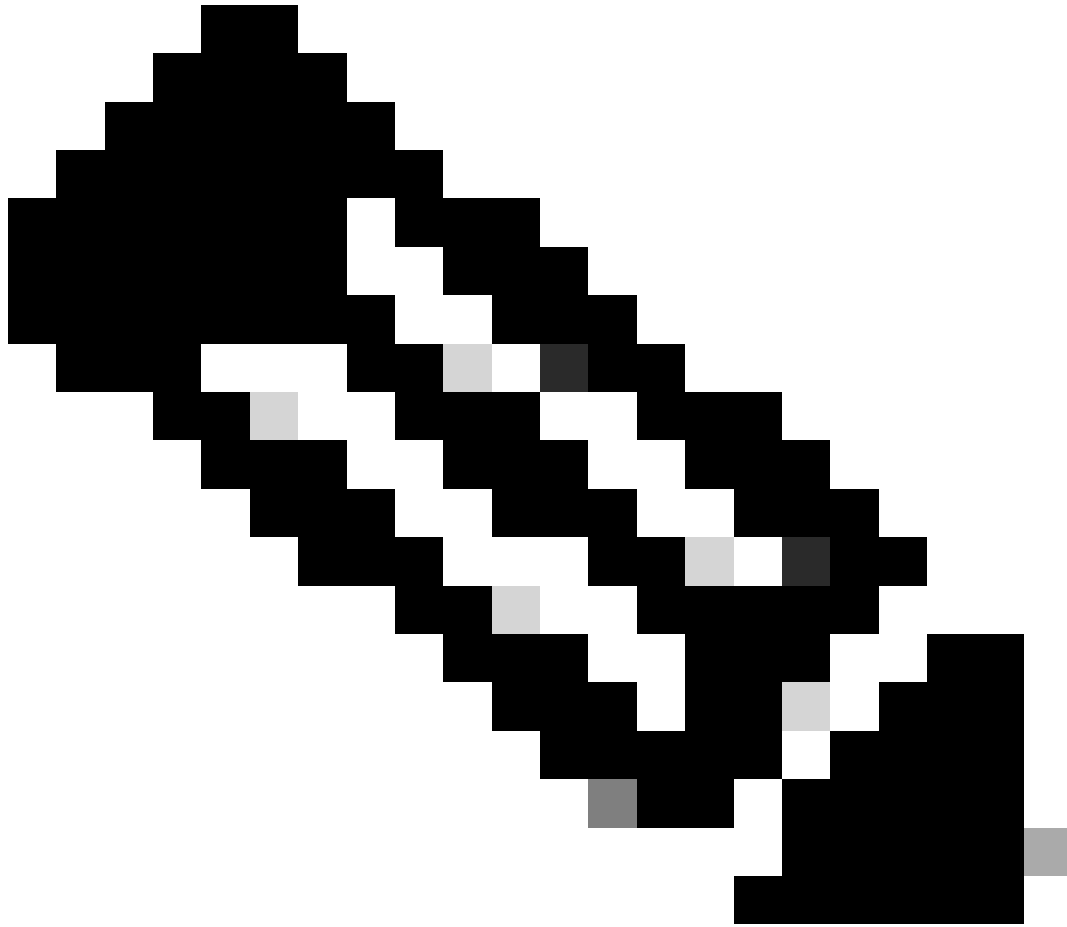
Certificate Template:

pxGrid

Additional Attributes:

Attributes:

Submit >



ةقداصم و لي م عمل اةقداصم نم لك ىل مدختسم ال PXgrid اةداش ال بلاق اءاءى :ةظءالم
نسم ال اءاءم ال مءءءسا "لقء ف مءاء ال".

ISE_PXgrid.cer قيسننءب اءظءاء و Base-64 قيسننءب اءؤاشن مء ال اءاءش ال ليزننءب مق 6.

Certificate Issued

The certificate you requested was issued to you.

☐ DER encoded or ☒ Base 64 encoded

[Download certificate](#)

Download certificate chain

ISE عقث نزخم یلإ CA رذج ةداهش داریتسإ - ثلاثلأ عزجلا

1. وأُتداهش لةلسلس وأ CA ةداهش ليزنت ددحو MS Active Directory تاداهش مءءل ةيسيزل ءففص لى لى لقتنا .CRL

Microsoft Active Directory Certificate Services ... Active ISK Home

Welcome

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](#)

2. CA. عدهاش لیزنت قوف رقنا مٲ ، BASE-64 قیسنت ددح .

Download a CA Certificate, Certificate Chain, or CRL

To trust certificates issued from this certification authority, [install this CA certificate](#).

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

CA certificate:

Current [Avaste-ISE]

Encoding method:

○ DER

Base 64

Install CA certificate

[Download CA certificate](#)

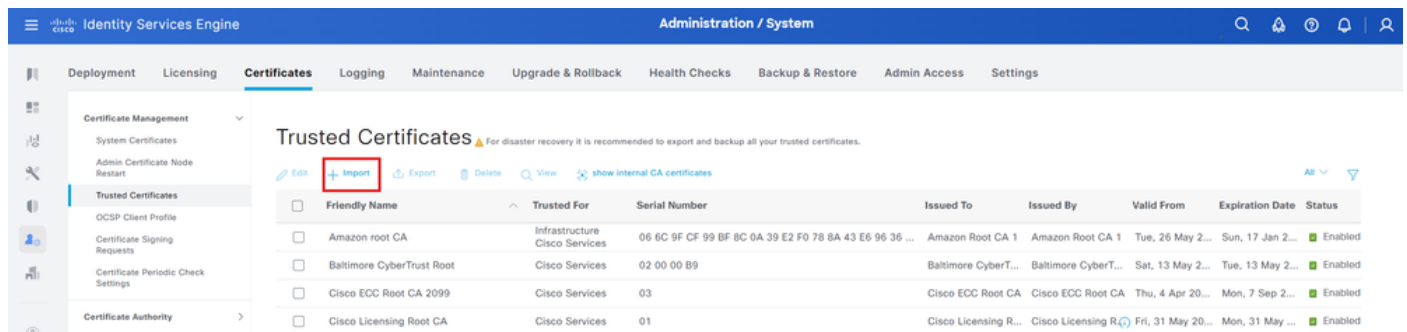
[Download CA certificate chain](#)

[Download latest base CRL](#)[Download latest delta CRL](#)

3. كعادشال طافح. ca_root.cer.

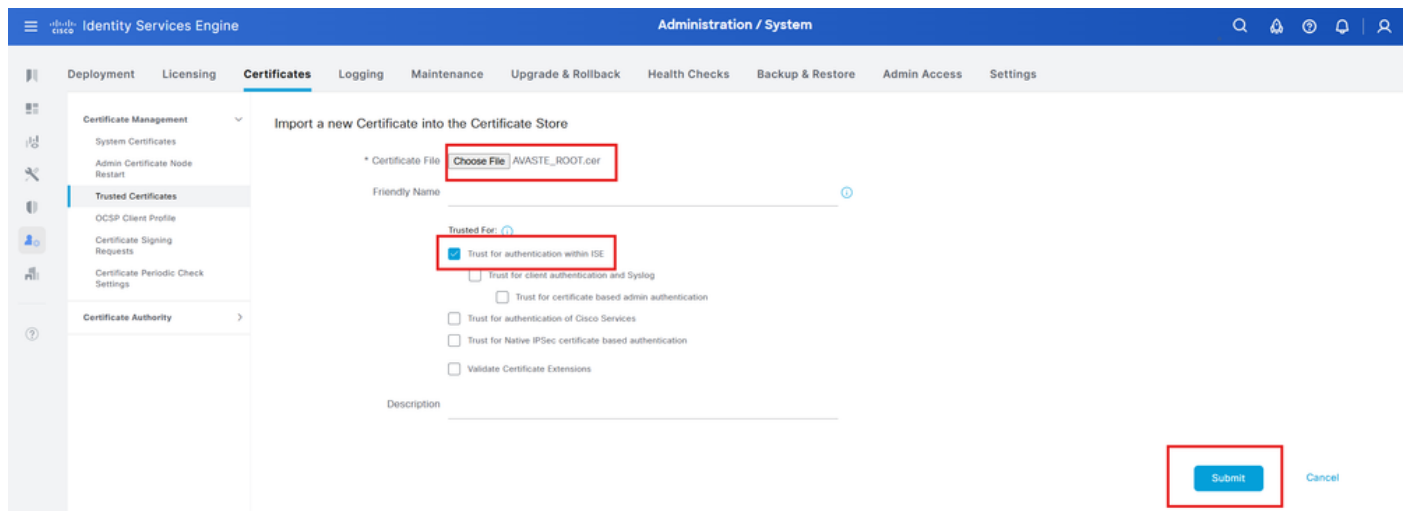
4. Cisco نم ةيوهال تامدخ كرحمل (GUI) ةيموسرل مدختسمال هجاو لي لوخدل لفس.

5. اهب قووم تاداهش > تاداهشال ةراد > تاداهش > ماضن > ةراد دح.



6. رذلجلا ةداهشال داريتسإو ةداهشال فلم > داريتسإ دح.

7. ISE لخاد ةقداصم لل قو ث رايتخال ةناخ ديدحت نم دكأت.



8. لاسرا قوف رقنا.

(CSR) ةداهشال عيقوت بلطب ISE ةداهش طبر - عبارال عزجلا

1. Cisco نم ةيوهال تامدخ كرحمل (GUI) ةيموسرل مدختسمال هجاو لي لوخدل لفس.

2. تاداهشال عيقوت تابلط > تاداهشال ةراد > تاداهش > ماضن > ةراد دح.

3. طبرلا ةداهش قوف رقنا م ث، قباسال مسقلال ي ف هؤاشن م تذل CSR دح.

Identity Services Engine Administration / System

Deployment Licensing **Certificates** Logging Maintenance Upgrade & Rollback Health Checks Backup & Restore Admin Access Settings

Certificate Management

- System Certificates
- Admin Certificate Node Restart
- Trusted Certificates
- OCSP Client Profile
- Certificate Signing Requests**
- Certificate Periodic Check Settings
- Certificate Authority

Certificate Signing Requests

Generate Certificate Signing Requests (CSR)

A Certificate Signing Requests (CSR) must be sent to and signed by an external authority. Click "export" to download one or more CSRs so that they may be signed by an external authority. After a request has been signed, click "bind" to bind the request to the signed certificate issued by that authority. Once a CSR is bound, it will be removed from this list.

View Export Delete **Bind Certificate**

☐	Friendly Name	Certificate Subject	Key Length	Portal group	Timestamp	Host
☒	avasteise271@pxGrid	CN=avasteise271.avaste...	4096		Sat, 8 Feb 2025	avasteise271

4. اقبس م اهؤاشن مت يتال ISE_PXgrid.cer ةداهش رتخأ ، Bind CA ل ةعقومل ةداهشل جذومن في .

5. لاسرا قوف رقنا م ث ، فولأم مساب ةداهشل ةيمستب مق .

Identity Services Engine Administration / System

Deployment Licensing **Certificates** Logging Maintenance Upgrade & Rollback Health Checks Backup & Restore Admin Access Settings

Certificate Management

- System Certificates
- Admin Certificate Node Restart
- Trusted Certificates
- OCSP Client Profile
- Certificate Signing Requests**
- Certificate Periodic Check Settings
- Certificate Authority

Bind CA Signed Certificate

* Certificate File **Choose File** ISE_pxgrid.cer

Friendly Name **ISE-pxGRID**

Validate Certificate Extensions ☐

Usage

☒ pxGrid: Use certificate for the pxGrid Controller

Submit Cancel

7. ةداهشل لادبتسإ ماطنل بلط اذا معن قوف رقنا .

8. ماطنل تاداهش > تاداهش > ماطن > ةراد دح .

9. ةمئاقلا في يجرالخا قوصملا عجرملا نم ةعقوم ةأشنملا pxGrid ةداهش ةيؤر كنكمي .

Identity Services Engine Administration / System

Deployment Licensing **Certificates** Logging Maintenance Upgrade & Rollback Health Checks Backup & Restore Admin Access Settings

Certificate Management

- System Certificates**
- Admin Certificate Node Restart
- Trusted Certificates
- OCSP Client Profile
- Certificate Signing Requests
- Certificate Periodic Check Settings
- Certificate Authority

System Certificates

For disaster recovery it is recommended to export certificate and private key pairs of all system certificates.

Edit + Generate Self Signed Certificate + Import Export Delete View

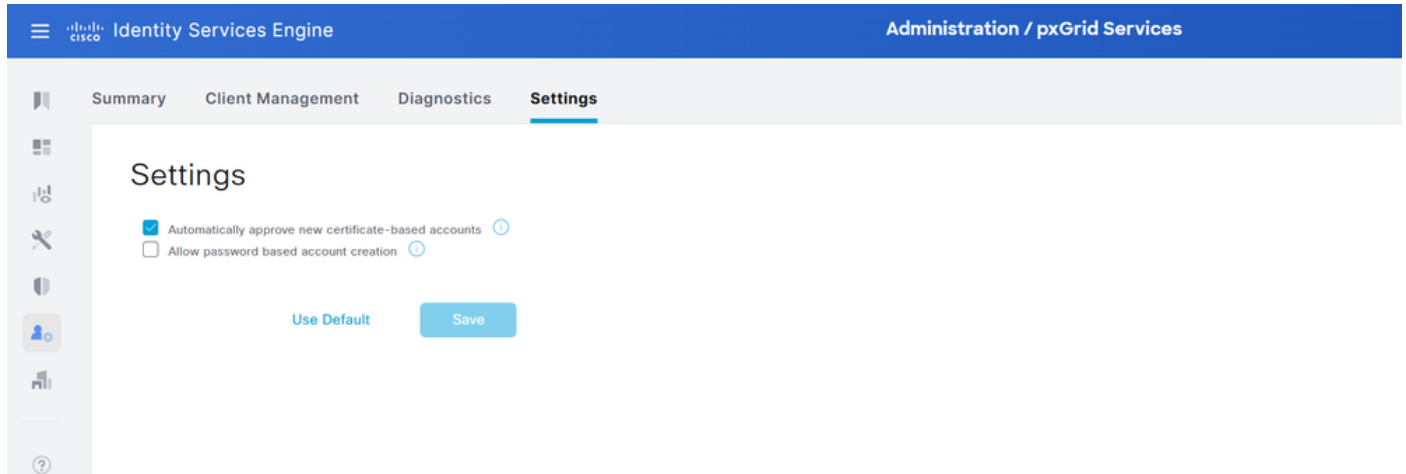
☐	Friendly Name	Used By	Portal group tag	Issued To	Issued By	Valid From	Expiration Date	Status
☒	avasteise271							
☐	CN=avasteise271.avaste.local, OU=Certificate Services System, Certificate/Certificate Services Endpoint Sub CA - avasteise271@00002	Not in use		avasteise271.avaste.local	Certificate Services Endpoint Sub CA - avasteise271	Thu, 15 Aug 2024	Thu, 16 Aug 2029	Active
☐	Default self-signed server certificate	RADIUS DTLS		avasteise271.avaste.local	avasteise271.avaste.local	Fri, 16 Aug 2024	Tue, 2 Oct 2029	Active
☐	Default self-signed saml server certificate - CN=SAML_avasteise271.avaste.local	SAML		SAML_avasteise271.avaste.local	SAML_avasteise271.avaste.local	Fri, 16 Aug 2024	Wed, 15 Aug 2029	Active
☐	CN=avasteise271.avaste.local, OU=ISE Messaging Service, Certificate Services Endpoint Sub CA - avasteise271@00003	ISE Messaging Service		avasteise271.avaste.local	Certificate Services Endpoint Sub CA - avasteise271	Thu, 15 Aug 2024	Thu, 16 Aug 2029	Active
☐	ISE-pxGRID	pxGrid		avasteise271.avaste.local	Avaste-ISE	Sat, 8 Feb 2025	Mon, 8 Feb 2027	Active
☐	AVASTE-2024	Admin, Portal, EAP Authentication	Default Portal Certificate Group	avasteise271.avaste.local	Avaste-ISE	Sun, 25 Aug 2024	Tue, 25 Aug 2026	Active

لماكتلل ةعباتملاب مق ، نآلا تاداهشل رشن مت .

عميحتال

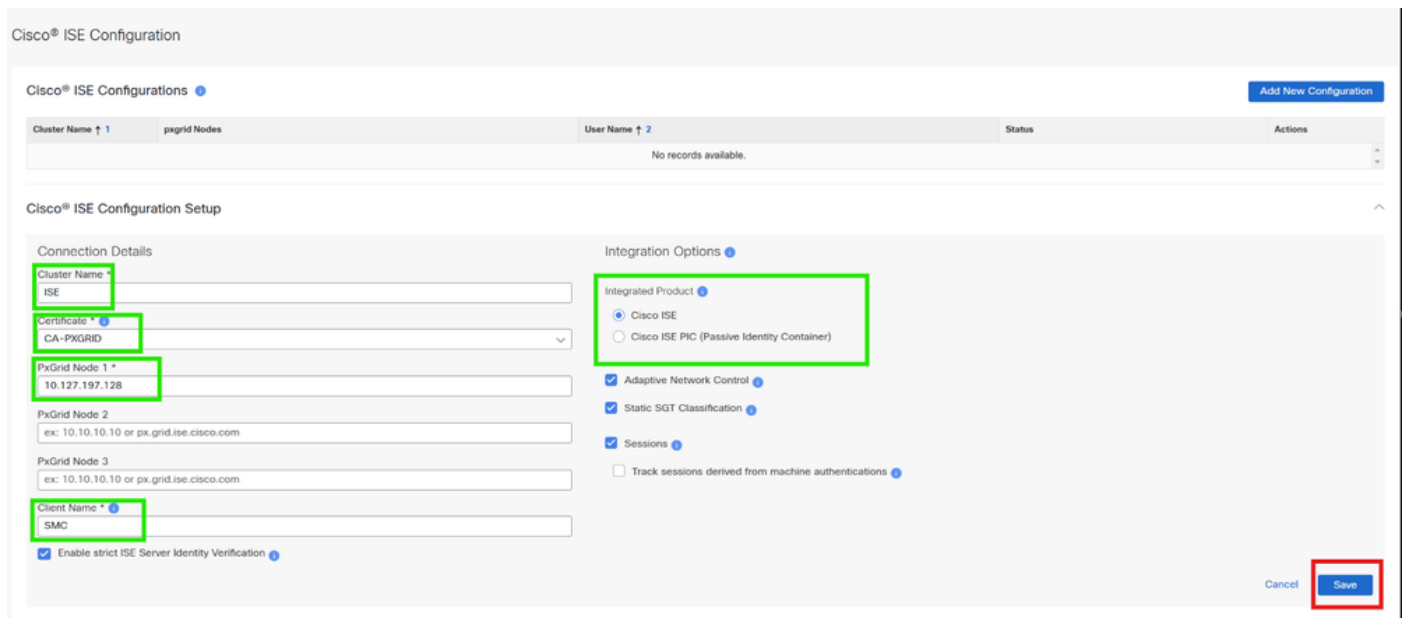
نأ نم دكأت، لمكتال في عورشال لبق:

يلع عقفاومال نم ايئاقلت ققحتلال او تاداعال > pxGrid تامدخ > قرادلالتحت Cisco ISE إلى ةبس نلاب ظفحال إلى عيئاقلتال عقفاومال لمعمل بلطل عدهاشال إلى ةدنتسمال ةديجال تاباسحال



ISE: نيوكت دادع| ءحفصحتفل، Stealthwatch (SMC) ةرادا مكحت ءدحو إلى

1. Cisco ISE > لمكتال تايلمع > نيوكت ددح.
2. ديدج نيوكت ءفاضإ قوف رقنا، ءحفصلال نم رسيأال يولعلال نكرلالي في.
3. ظفح قوف رقناو pxGrid IP ءدقعو، لمكتال جت نم و ءدهاشال ددحو، ءعومجمل ماظن مسا لخدأ.



ءحفصلال نم ققحتال

Stealthwatch (SMC) ةرادا مكحت ءدحو إلى ISE نيوكت ءحفص شي دحتب مق

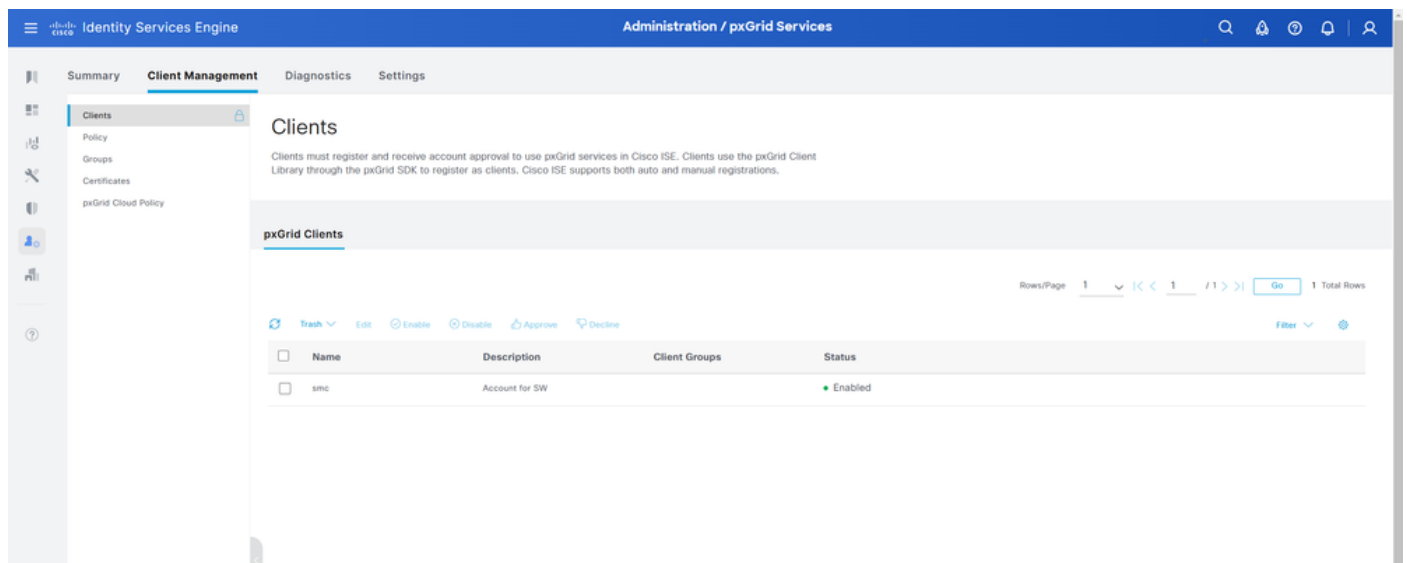
1. ءحفصلال شي دحتب مقو Web App في ISE نيوكت ءحفص إلى عجرا.
2. عاشنإ إلى ريشي امم Green، وه قيبطتلل لباقال IP ناو نع لقح بناجب دوجومال ءدقعلال ءلاح رشؤم نأ نم دكأت.

ISE و ISE-PIC. ةومجم ب لاصتا



ءالمءل > ءالمءل ةراء > PXgrid تامءء > ةراءال ال لقتنا، Cisco ISE، ف

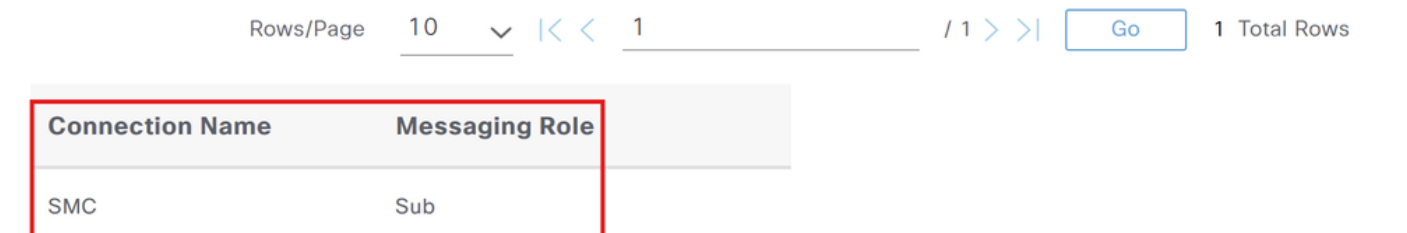
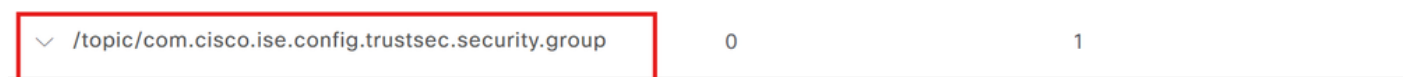
نكمت ةلءال عم pxgrid ليمءك SMC ءاشن ال اءه فءو.



WebSocket > ءاصفءشءال > pxGrid تامءء > ةراءال ال لقتنا، Cisco ISE، لء ءومل ف ءارءشال نم قءءلل ءفءاومل >

ءاعومل ءه ف ءارءشم SMC ءلء نع ءءف.

ءومل TrustSec Sgt



ISE جلسة لي لدد عوضوم

▼ /topic/com.cisco.ise.session	1	1
--------------------------------	---	---

Rows/Page 10 ▼
<< < 1 / 1 > >>
Go 2 Total Rows

Connection Name	Messaging Role
-ise-mnt-avasteise271	Pub
SMC	Sub

ISE SXP طباور عوضوم

▼ /topic/com.cisco.ise.sxp.binding	0	1
------------------------------------	---	---

Rows/Page 10 ▼
<< < 1 / 1 > >>
Go 1 Total Rows

Connection Name	Messaging Role
SMC	Sub

ع بتتال يوتسم ىل لوغ دلا لي ج ست Cisco ISE Pxgrid-server.

```

2025-02-08 18:07:11,086 TRACE [pxgrid-http-pool15][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu
2025-02-08 18:07:11,087 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint
2025-02-08 18:07:11,102 TRACE [pxgrid-http-pool19][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint
2025-02-08 18:07:11,110 DEBUG [pxgrid-http-pool22][[]] cisco.cpm.pxgridwebapp.config.MyX509Filter -:::
2025-02-08 18:07:11,111 DEBUG [pxgrid-http-pool22][[]] cisco.cpm.pxgridwebapp.config.MyX509Filter -:::
2025-02-08 18:07:11,111 DEBUG [pxgrid-http-pool22][[]] cisco.cpm.pxgridwebapp.config.MyX509Filter -:::
2025-02-08 18:07:11,111 DEBUG [pxgrid-http-pool22][[]] cisco.cpm.pxgridwebapp.config.MyX509Filter -:::
2025-02-08 18:07:11,111 DEBUG [pxgrid-http-pool22][[]] cisco.cpm.pxgridwebapp.config.MyX509Filter -:::
2025-02-08 18:07:11,112 DEBUG [pxgrid-http-pool22][[]] cisco.cpm.pxgridwebapp.data.AuthzDaoImpl -:::
2025-02-08 18:07:11,321 DEBUG [pxgrid-http-pool19][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu

```

```

]
2025-02-08 18:07:11,322 DEBUG [pxgrid-http-pool20][[]] cisco.cpm.pxgridwebapp.config.AuthzEvaluator -:
2025-02-08 18:07:11,322 INFO [pxgrid-http-pool19][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint

```

```
] session=[id=8,client=SMC,server=wss://avasteise271.avaste.local:8910/pxgrid/ise/pubsub]
```

```

2025-02-08 18:07:11,323 TRACE [pxgrid-http-pool19][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint
2025-02-08 18:07:11,323 TRACE [WsIseClientConnection-1010][[]] cpm.pxgrid.ws.client.WsEndpoint -:::
2025-02-08 18:07:11,323 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint
2025-02-08 18:07:11,323 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint
2025-02-08 18:07:11,324 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.StompPubsubEndpoint
2025-02-08 18:07:11,324 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu
2025-02-08 18:07:11,324 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu

]
2025-02-08 18:07:11,324 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu
2025-02-08 18:07:11,324 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu

]
2025-02-08 18:07:11,324 TRACE [pxgrid-http-pool22][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionDistribu
2025-02-08 18:07:11,324 TRACE [sub-sender-0][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionSender -:::

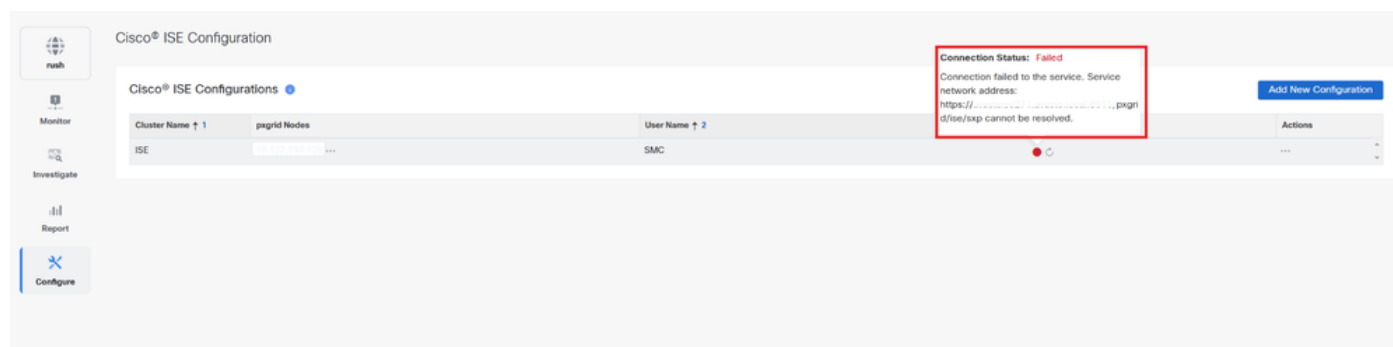
] from=[id=7,client=~ise-admin-avasteise271,server=wss://avasteise271.avaste.local:8910/pxgr
2025-02-08 18:07:11,324 TRACE [sub-sender-0][[]] cpm.pxgridwebapp.ws.pubsub.SubscriptionSender -:::

```

اهال صإو عاطخال فاشك تسإ

DNS لي لحت في ةلكشم

لح رذعتي :ةمدخال ةكبش ناو نع .ةمدخاب لاصتالا لشف ؛لاصتالا ةلاح مسإب أطخ ةلاس رروهظ لىل كل ذي دؤي
<https://isehostnameeme.domain.com:891pxgridiisessxpxp>":



لحلإ

1. Stealthwatch (SMC) قرادإ مكحت ةدحو إىلإ لوخدلإ لفس .
2. ةيذكرملا قرادلإ > ماع > نيوكت ددح ، ةيسيئرلا ةمئاقلا نم .
3. ريذملل (صقانللا عطقلا) ةنوقيأ رقنا ، نوزخملا ءففص يف .
4. زاهجل نيوكت ريذرت رتخأ .
5. هذه ISE FQDN لىلحم لءلا ءاذا ءفاضل ءكبشلا تامءء بىوبتلا ءمالع .

Local Resolution		Add New
HOST NAME ↑ 1	HOST IP ADDRESS ↑ 2	Actions
ise33.lab.local	10.	Delete

":ريڊملا اذه لېق نم اه ب قوئوم ريغ ۀداهش ميڊقتب ISE موقي شيح اطاخ ۀلاس رچتنې اذهو

Cisco® ISE Configuration

Cisco® ISE Configurations 🔵

Cluster Name ↑ 1 pxgrid Nodes User Name ↑ 2 Actions

ISE	10.127.197.128 ...	SMC	...
-----	--------------------	-----	-----

Connection Status: Failed

ISE is presenting a certificate that is not trusted by this Manager

[Add New Configuration](#)

catlancopepe/var/logs/containsvcvisese-client.log: ساسم ال SMCMsvcvisese-client.log فلمل لثامم لجس عجرم ةيؤر نكمي

```
snasmc1 docker/svc-ise-client[1453]: java.util.concurrent.ExecutionException: javax.net.ssl.SSLException
snasmc1 docker/svc-ise-client[1453]: at java.base/java.util.concurrent.CompletableFuture.reportGet(CompletableFuture.java:357)
snasmc1 docker/svc-ise-client[1453]: at java.base/java.util.concurrent.CompletableFuture.get(CompletableFuture.java:1990)
snasmc1 docker/svc-ise-client[1453]: at org.springframework.web.socket.client.jetty.JettyWebSocketClient.doHandshake(JettyWebSocketClient.java:100)
snasmc1 docker/svc-ise-client[1453]: at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:284)
snasmc1 docker/svc-ise-client[1453]: at java.base/java.lang.Thread.run(Thread.java:829)
snasmc1 docker/svc-ise-client[1453]: Caused by: javax.net.ssl.SSLException: org.bouncycastle.tls.TlsFatalAlert(40): TLS_FATAL_ALERTING
snasmc1 docker/svc-ise-client[1453]: at org.bouncycastle.jsse.provider.ProvSSLEngine.unwrap(ProvSSLEngine.java:150)
snasmc1 docker/svc-ise-client[1453]: at java.base/javax.net.ssl.SSLEngine.unwrap(SSLEngine.java:637)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.ssl.SslConnection.unwrap(SslConnection.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.ssl.SslConnection$DecryptedEndPoint.fill(SslConnection$DecryptedEndPoint.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.client.http.HttpReceiverOverHTTP.process(HttpReceiverOverHTTP.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.client.http.HttpReceiverOverHTTP.receive(HttpReceiverOverHTTP.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.client.http.HttpChannelOverHTTP.receive(HttpChannelOverHTTP.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.client.http.HttpConnectionOverHTTP.onFillable(HttpConnectionOverHTTP.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.AbstractConnection$ReadCallback.succeeded(AbstractConnection$ReadCallback.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.FillInterest.fillable(FillInterest.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.ssl.SslConnection$DecryptedEndPoint.onFillable(SslConnection$DecryptedEndPoint.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.ssl.SslConnection.onFillable(SslConnection.java:100)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.ssl.SslConnection$2.succeeded(SslConnection$2.java:100)
```

```
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.FillInterest.fillable(FillInterest.java:10)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.io.SelectableChannelEndPoint$1.run(SelectableChannelEndPoint.java:43)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob(QueuedThreadPool.java:673)
snasmc1 docker/svc-ise-client[1453]: at org.eclipse.jetty.util.thread.QueuedThreadPool$Runner.run(QueuedThreadPool.java:815)
snasmc1 docker/svc-ise-client[1453]: ... 1 more
snasmc1 docker/svc-ise-client[1453]: Suppressed: javax.net.ssl.SSLHandshakeException: org.bouncycastle...
```

الحل

- 1. Stealthwatch (SMC) إعداد مكدحت ةدحو ىلى لودلدل لچس.
- 2. ةيزكرملا ةرادىلا > ماع > نىوكت ددح ،ةسسىئرلا ةمئاقلا نم.
- 3. ريدملىل (صقانللا عطقلا) ةنوقىأ رقنا ،نوزملا ةحفصى في.
- 4. زاهجلا نىوكت ريرحت رتخأ.
- 5. ماع بىوبتلا ةمالع ددح.
- 6. قىثوتلا نوزم نم عزج وه Cisco ISE نم PxGrid ةداهش ردصم نأ دكأتو قوٲوملا نوزملا مسق ىلى لقتنا.

ةفورعملا بوىعلا

أطخلا فرعم	فصولا
Cisco 18119 نم ءاطخألا حىحصت فرعم	رىغ ITLS Server Hello ةمزح دىدحتب ISE موقى ITLS رىفشتل ةم وعدم
Cisco 01634 نم ءاطخألا حىحصت فرعم	EPS ةلاح مادختساب ةزهجألا لزع رذعت

ةمچرتل هذه ل و ح

ةيلآل ا تاي ن ق ت ل ا ن م ة و م ج م ا د خ ت س ا ب د ن ت س م ل ا ا ذ ه Cisco ت م ج ر ت
م ل ا ع ل ا ا ح ن ا ع م ج 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 ي ل آ ة م ج ر ت ل ض ف ا ن ا ة ط 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 م ج ر ت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة م ج ر ت ل ا ع م ل ا ح ل ا و ه
ي ل ا ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا م ج ر ت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م 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 د ن ت س م ل ا