

ه ب مك حتم ل ق ي ب ط ل ل ل ي غ ش ت ة د ا ع ا ن ي و ك ت ي ف ISE 3.3

ت ا ي و ت ح م ل ا

[ة م د ق م ل ا](#)

[ة ي س ا س ا ل ا ت ا ب ل ط ت م ل ا](#)

[ت ا ب ل ط ت م ل ا](#)

[ة م د خ ت س م ل ا ت ا ن و ك م ل ا](#)

[ة ي س ا س ا ت ا م و ل ع م](#)

[ن ي و ك ت ل ا](#)

[\(CSR\) ة د ا ه ش ع ي ق و ت ب ل ط ا ع ا ش ن ا 1 ة و ط خ ل ا](#)

[ك ب ص ا خ ل ا CSR ة ل ع ع ق و ي ذ ل ا ر ج ل ا ق د ص م ل ا ع ج م ل ا د ا ر ي ت س ا 2 ة و ط خ ل ا](#)

[ع ق و م ل ا CSR د ا ر ي ت س ا 3 ة و ط خ ل ا](#)

[ل ي غ ش ت ل ا ة د ا ع ا ت ق و ن ي و ك ت 4 ة و ط خ ل ا](#)

[ق ح ص ل ا ن م ق ق ح ت ل ا](#)

[ا ه ح ا ل ص ا و ا ط خ ا ل ا ف ا ش ك ت س ا](#)

[ق ل ص ت ا ذ ت ا م و ل ع م](#)

ة م د ق م ل ا

ل و و س م ل ا ة د ا ه ش ل ه ب مك حتم ل ق ي ب ط ل ل ل ي غ ش ت ة د ا ع ا ن ي و ك ت ة ي ف ي ك د ن ت س م ل ا ا ذ ه ح ض و ي
ي ف ISE 3.3.

ة ي س ا س ا ل ا ت ا ب ل ط ت م ل ا

ت ا ب ل ط ت م ل ا

ة ي ل ا ت ل ا ع ي ض ا و م ل ا ب ة ف ر ع م ك ي د ل ن و ك ت ن ا ب Cisco ي ص و ت:

- ISE ت ا ي ص خ ش / د ق ع
- ISE ة د ا ه ش ع ا ش ن ا / ر ي ر ح ت / د ي د ج ت

ة م د خ ت س م ل ا ت ا ن و ك م ل ا

ة ي ل ا ت ل ا ج م ا ر ب ل ا و ة ي د ا م ل ا ت ا ن و ك م ل ا ت ا ر ا د ص ا ل ا د ن ت س م ل ا ا ذ ه ي ف ة د ر ا و ل ا ت ا م و ل ع م ل ا د ن ت س ت

- 3.3 ر ا د ص ا ل ا (ISE) ة ي و ه ل ا ة م د خ ك ر ح م ج م ا ن ر ب
- ن ي ت د ق ع ر ش ن

ة ص ا خ ة ي ل م ع م ة ئ ي ب ي ف ة د و ج و م ل ا ة ز ه ا ل ا ن م د ن ت س م ل ا ا ذ ه ي ف ة د ر ا و ل ا ت ا م و ل ع م ل ا ع ا ش ن ا م ت
ت ن ا ك ا ذ ا (ي ض ا ر ت ف ا) ح و س م م ن ي و ك ت ب د ن ت س م ل ا ا ذ ه ي ف ة م د خ ت س م ل ا ة ز ه ا ل ا ع ي م ج ت ا د ب
ر م ا ي ا ل ل م ت ح م ل ا ر ي ث ا ت ل ل ك م ه ف ن م د ك ا ت ف ل ي غ ش ت ل ا د ي ق ك ت ك ب ش

ةيساسأ تامولعم

عيمج ليمحت ةداعإ متت (PAN) ةيساسألا ةرادإلا ةدقعل لوؤسملا ةداهش ريغت دنع، ISE يف عيمج يف عاطقنا ثودح يف ببستي اذهو، دقعل يقاب مث PAN الوأ، رشنلا يف دقعل تامدخل.

ةداعإ متي يتلا ةديحوللا ةدقعل إنف، رخأ ةدقع يأ يف لوؤسملا ةداهش لادبتسإ متي ام دنع ةدرفملا ةدقعل كلت يه اهليغشت.

مكحت ةينام رفوي اذهو. دقعل ليمحت ةداعإ تقو ةلودج كل حيتت ةديج ةزيم 3.3 ISE مدقي تامدخل عيمج عاطقنا بنجت ىلع دعاسي امك، ةدقعل لك ليغشت ةداعإ يف لصفأ.

نيوكتلا

لثم PAN ةدقعل Admin ةداهش ريغتتل ةفلتخم تاراخي كانه:

- ةرادإلا رود نييعتو (CSR) ةداهشلا عيقوت بلط عاشنإ.
- "ةرادإلا" رود نييعتو صاخلا حاتملا ةداهشلا داريتسإ.
- ةرادإلا رود نييعتو ايتاذ ةعقوم ةداهش عاشنإب مق.

CSR مادختساب ةقيرطلا دنستسما اذه فصري.

(CSR) ةداهش عيقوت بلط عاشنإ 1. ةوطخلا

1. تاداهش عيقوت تابلط > تاداهش > ماظن > ةرادإلا لقتنا، ISE ىلع.
2. (CSR) ةداهشلا عيقوت بلط عاشنإ رقنا.
3. لوؤسملا ددح، مادختسالا يف.
4. Primary Admin ةدقعل ددح، (دقعل) ةدقعل يف.
5. ةداهشلا تامولعم لامكإب مق.
6. دلبي ةقطق.
7. ححص عجرم مادختساب عيقوتو فلملا ريذصتب مق.

Deployment Licensing **Certificates** Logging Maintenance Upgrade Health Checks

Certificate Management ▾

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

Certificate Authority >

ISE Certificate Authority Certificates:

- ISE Root CA - This is not a signing request, but an ability to generate a brand new Root C
- ISE Intermediate CA - This is an Intermediate CA Signing Request.
- Renew ISE OCSP Responder Certificates - This is not a signing request, but an ability to i

Usage

Certificate(s) will be used for **Admin** ▾

Allow Wildcard Certificates ⓘ

Node(s)

Generate CSR's for these Nodes:

Node	CSR Friendly Name
<input type="checkbox"/> asc-ise33-1037	asc-ise33-1037#Admin
<input checked="" type="checkbox"/> ██████-ise-33-2	██████-ise-33-2#Admin

Subject

Common Name (CN)
\$FQDN\$ ⓘ

Organizational Unit (OU) ⓘ

Organization (O)
TAC ⓘ

إشعار CSR

كيفية إنشاء CSR على عتق وذل رذل قءصم الءجرم الءارءءس. 2. ؁ءءء

1. اء قءءوم ءاءاهش > ءاءاهش > ماظن > ؁راءء ءل لءقءنا، ISE ءل ء.
2. ءارءءسا قءف رقنا.
3. رذل قءصم الءجرم الءءاهش ءءءو فلم راءءءء ءل ءل رقنا.
4. افولءم امسا بءءا.
5. راءءءءءال ءانءء نءءءمء:
 1. ISE لءءء قءءصم لءب ؁قءءل.
 2. ءامءء ؁قءءصم لء قءءل.
6. لءسراءل ءل رقنا.

Deployment Licensing **Certificates** Logging Maintenance Upgrade 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 Se...

Certificate Authority

Import a new Certificate into the Certificate Store

* Certificate File No file chosen

Friendly Name

Trusted For:

Trust for authentication within ISE

Trust for client authentication and Syslog

Trust for certificate based admin authentication

Trust for authentication of Cisco Services

Trust for Native IPsec certificate based authentication

Validate Certificate Extensions

Description

رذجل اءءاشلا ءاريتسا

عقوملا CSR ءاريتسا 3 ةوطخل

1. ءءءاش عي قوت ءابلط > ءءءاش > ماضن > ةراءا يل ل لقتنا، ISE يل ع.
2. طبرلا ءءءاش رقنا و CSR ءءء.
3. ءءءوملا ءءءاشلا ءءءو فلم رايءءءا يل ع رقنا.
4. فولأم مسا نيوكء.

Deployment Licensing **Certificates** Logging Maintenance Upgrade Health Checks Backup &

Certificate Management
System Certificates
Admin Certificate Node Restart
Trusted Certificates
OCSP Client Profile
Certificate Signing Requests
Certificate Periodic Check Se...

Certificate Authority

Certificate Signing Requests

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

<input type="checkbox"/>	Friendly Name	Certificate Subject	Key Length	Pr...
<input checked="" type="checkbox"/>	ise-33-2#Admin	CN=ise-33-2.a...	4096	

ءءءاشلا طبر

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

Certificate Management ▼

- System Certificates
- Admin Certificate Node Restart
- Trusted Certificates
- OCSF Client Profile
- Certificate Signing Requests**
- Certificate Periodic Check Se...

Certificate Authority >

Bind CA Signed Certificate

* Certificate File signed.cer

Friendly Name ⓘ

Validate Certificate Extensions ⓘ

Usage

Admin: Use certificate to authenticate the ISE Admin Portal and DataConnect

Deployment Nodes

[Set Restart Time](#)

<input type="checkbox"/>	Hostname	Personas	Role(s)	Services	Restart Time	Restart Status
<input type="checkbox"/>	asc-ise33-1037	Administration, Monit...	SECONDARY	SESSION,PROFILER	Not Configured	
<input type="checkbox"/>	ise-33-2	Administration, Monit...	PRIMARY	SESSION,PROFILER	Not Configured	

ةداهشلا طبر

ليغشتلل ةداعل تقو نيوكت 4. ةوطخلل

1. ليغشتلل ةداعل ةيلمع نيوكتب موقت انه. ديدج مسق ىرت نأ كنكمي نآلا.
2. هسفن نيوكتلل قيبطتو نيقدقعل الك ديدحت وأ ةدقع لكل تقو نيوكت كنكمي.
3. ليغشتلل ةداعل تقو نييعت قوف رقناو ةدحاو ةدقع رتخأ.
4. ظفح قوف رقناو تقولا، خيراتلا رتخأ.
5. لاسرا قوف رقنا، احيص عيش لك ناك اذاو تقولا نم ققحت.

Set Restart Time

Scheduler

Restart Now Restart Later

Set Date

27/09/2023

Set Time

11:00 PM

cancel

save

ليغش التل اءاع | تقو ني عت

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

Certificate Management

- System Certificates
- Admin Certificate Node Restart
- Trusted Certificates
- OCSP Client Profile
- Certificate Signing Requests
- Certificate Periodic Check Se...

Certificate Authority

Bind CA Signed Certificate

* Certificate File signed.cer

Friendly Name ⓘ

Validate Certificate Extensions ⓘ

Usage

Admin: Use certificate to authenticate the ISE Admin Portal and DataConnect

Deployment Nodes

<input type="checkbox"/>	Hostname	Personas	Role(s)	Services	Restart Time
<input checked="" type="checkbox"/>	asc-ise33-1037	Administration, Monit...	SECONDARY	SESSION,PROFILER	Wed Sep 27 2023 11:00PM
<input type="checkbox"/>	ise-33-2	Administration, Monit...	PRIMARY	SESSION,PROFILER	Wed Sep 27 2023 10:00PM

ليغش التل اءاع | تقو دي كأت

ءحص التل نم ققحتل

أدعاهش ؤدق ع لئغش ؤداع | > ؤاداهش > ماظن > ؤرادا إلى لقتنا ، دئدج بئوبت رفوتئ
رمألا مزلا اذا هرفئغتا وهؤارء ما ؤئذا نئوكتا لءص نم ققءتا كئنا ممئ . ؤرادال

نألا لئغشا لءداع | وأ لئغشا لءداع ؤقونئئع ؤقون رقا ، هرفئغتا

لئغشا لءداع | ؤلا نم ققءتا

دعاع ما ممءنء لائم هئ ؤئلالءا ؤروصلا . ؤئلمءلا ؤانءا ؤدقءل ؤلا نم ققءتا كئنا ممئ
مءدقءتا دئق كلءوا مءدقء لئءماء

مء لئغشا لءداع | مء

رفئرا قءلا مءءءءاب لئءماءتا ؤداع | ؤارئئغتا نم ققءتا

> قئقءتا > رفئرا قءلا > رفئرا قءلا > ؤا ئلمءلا إلى لقتنا ، نئوكتا ؤارئئغتا نم ققءتا لئ
نئوكتا قئقءتا رفئئغتا

Export Summary	Change Configuration Audit						Add to My Reports	Export
My Reports	From 2023-09-27 00:00:00.0 To 2023-09-27 16:24:49.0						Reports exported in last 7 days 0	
Reports							Filter	Refresh
Audit								
Adaptive Network Control ...								
Administrator Logins								
Change Configuration Audit								
Cisco Support Diagnostics...								
Data Purging Audit								
Endpoints Purge Activities								
Internal Administrator Sum...								
OpenAPI Operations								
Operations Audit								

Logged At	Administrator	Server	Interface	Object Type	Object Name	Event
Today	admin	Server		Object Type	Object Name	
2023-09-27 15:43:00.0...	admin	ise-33-2	GUI	Admin Certificate Controlled Restart	asc-ise33-1037.aaame...	Changed configuration
2023-09-27 15:26:57.9...	admin	ise-33-2	GUI	Admin Certificate Controlled Restart	asc-ise33-1037.aaame...	Added configuration
2023-09-27 15:26:57.5...	admin	ise-33-2	GUI	CertificateBinding	BindCertificate	Added configuration
2023-09-27 14:38:01.6...	admin	ise-33-2	GUI	Certificate Signing Request	ise-33-2#Admin	Certificate has been exp...
2023-09-27 14:37:58.8...	admin	ise-33-2	GUI	CertificateSigningRequest	CertificateSigningRequest	Added configuration

نېوځتال رېرقت

تاي لمع > قېقدت > رېراقت > رېراقت > تاي لمع ىل لقتنا، ليغشتال اداع نم ققحتلل قېقدت.

Operations Audit					Add to My Repo	
From 2023-09-27 00:00:00.0 To 2023-09-27 22:50:14.0						
Reports exported in last 7 days 0						
2023-09-27 22:04:20.0...	CLI	Configuration-Changes	Added configuration		Filter	
2023-09-27 22:04:20.0...	CLI	Configuration-Changes	Added configuration			
2023-09-27 22:00:16.16	system	127.0.0.1	CLI	Process-Management	ISE process stopped	Application server stopped

رېرقتال ليغشت اداع

*** ise-33-2، ise-psc.log: نم لچس ښه

<#root>

Configuration applied:

```
2023-09-27 15:26:12,109 INFO [DefaultQuartzScheduler_Worker-6][[]] admin.caservice.certmgmt.scheduler.Restart is Not configured , Hence skipping restart status check for asc-ise33-1037
2023-09-27 15:26:57,775 INFO [admin-http-pool6][[]] cpm.admin.infra.action.RestartAction --:admin:::-adminCertRestartData received --{"items":[{"hostName":"asc-ise33-1037","restartTime":"2023-09-27:10:00PM"}]} {"hostName":"***-ise-33-2","restartTime":"2023-09-27:10:00PM"}]}
```

Restart starts:

```
2023-09-27 21:59:11,952 INFO [DefaultQuartzScheduler_Worker-6][[]] admin.caservice.certmgmt.scheduler.Executing AdminCertControlledRestartStatusJob [AdminCertControlledRestart[id=4af7d9c4-31d9-48e0-83dc-19-noderestartconfig=2023-09-27:10:00PM,noderestartstatus=Not Restarted,details=Not Restarted,maxdate=Thu AdminCertControlledRestart[id=38b811df-03b5-4a64-87b6-363290b6b4ce,hostname=asc-ise33-1037,noderestartc noderestartstatus=Not Restarted,details=Not Restarted,maxdate=Thu Oct 12 2023 14:43:01 GMT-0600 (hora e 2023-09-27 21:59:12,113 INFO [DefaultQuartzScheduler_Worker-6][[]] admin.caservice.certmgmt.scheduler.Restart configured , proceeding to trackRestartStatus for ***-ise-33-2
2023-09-27 21:59:12,113 INFO [DefaultQuartzScheduler_Worker-6][[]] admin.caservice.certmgmt.scheduler.
```



```
Restart configured , proceeding to trackRestartStatus for asc-ise33-1037
2023-09-27 22:00:00,003 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
Executing AdminCertControlledRestartSchedulerJob
2023-09-27 22:00:00,022 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
Executing AdminCertControlledRestartSchedulerJob [AdminCertControlledRestart[id=4af7d9c4-31d9-48e0-83dc
noderestartconfig=2023-09-27:10:00PM,noderestartstatus=Not Restarted,details=Not Restarted,maxdate=Thu
AdminCertControlledRestart[id=38b811df-03b5-4a64-87b6-363290b6b4ce,hostname=asc-ise33-1037,noderestartc
noderestartstatus=Not Restarted,details=Not Restarted,maxdate=Thu Oct 12 2023 14:43:01 GMT-0600 (hora
2023-09-27 22:00:00,288 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
Restart failed or not restarted yet , hence preparing restart for ***-ise-33-2
2023-09-27 22:00:00,288 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
Configured Date is now , hence proceeding for restart , for ***-ise-33-2
2023-09-27 22:00:00,288 INFO [DefaultQuartzScheduler_Worker-3][[]] cpm.infrastructure.certmgmt.api.Admini
updateRestartStatus updating restarted status
2023-09-27 22:00:00,288 INFO [DefaultQuartzScheduler_Worker-3][[]] cpm.infrastructure.certmgmt.api.Admini
Updating the data for node: ***-ise-33-2
2023-09-27 22:00:00,313 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
Restart failed or not restarted yet , hence preparing restart for asc-ise33-1037
2023-09-27 22:00:00,313 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
Configured Date is now , hence proceeding for restart , for asc-ise33-1037
2023-09-27 22:00:00,324 INFO [DefaultQuartzScheduler_Worker-3][[]] admin.caservice.certmgmt.scheduler.
restartNowList : ***-ise-33-2.aaamexrub.com,asc-ise33-1037.aaamexrub.com
```

نم ل ج س ة ن ي ع *** ISE-33-2, restartutil.log:

```
[main] Wed Sep 27 22:00:09 EST 2023:-----
[main] Wed Sep 27 22:00:09 EST 2023:RestartUtil: BEGIN - Restart called with args apponly:1377:***-ise-
[main] Wed Sep 27 22:00:09 EST 2023:-----
[main] Wed Sep 27 22:00:14 EST 2023:RestartUtil: Restarting Local node
[main] Wed Sep 27 22:00:14 EST 2023:[/usr/bin/sudo, /opt/CSC0cpm/bin/cpmcontrol.sh, restart_appserver_e
[main] Wed Sep 27 22:27:13 EST 2023:RestartUtil: Restarted local node and waiting for it to come up...
[main] Wed Sep 27 22:37:47 EST 2023:RestartUtil: Restart success for local node .
[main] Wed Sep 27 22:37:48 EST 2023:RestartUtil: Restarting node asc-ise33-1037.aaamexrub.com
[main] Wed Sep 27 22:37:54 EST 2023:RestartUtil: statusLine>>>HTTP/1.1 200
[main] Wed Sep 27 22:37:54 EST 2023:RestartUtil: Waiting for node asc-ise33-1037.aaamexrub.com to come
[main] Wed Sep 27 22:52:43 EST 2023:RestartUtil: Restart successful on node: asc-ise33-1037.aaamexrub.c
[main] Wed Sep 27 22:52:43 EST 2023:RestartUtil: cred file deleted
[main] Wed Sep 27 22:52:43 EST 2023:-----
[main] Wed Sep 27 22:52:43 EST 2023:RestartUtil:END- Restart called with args apponly:1377:***-ise-33-
[main] Wed Sep 27 22:52:43 EST 2023:-----
[main] Wed Sep 27 23:00:10 EST 2023: Usage RestartUtil local||remote apponly|full
```

نم ل ج س ة ن ي ع ASC-ISE33-1037, restartutil.log:

```
[main] Wed Sep 27 19:00:10 UTC 2023: Usage RestartUtil local||remote apponly|full
[main] Thu Sep 28 04:37:14 UTC 2023:-----
[main] Thu Sep 28 04:37:14 UTC 2023:RestartUtil: BEGIN - Restart called with args apponly:1377:localhos
[main] Thu Sep 28 04:37:14 UTC 2023:-----
[main] Thu Sep 28 04:37:16 UTC 2023:RestartUtil: Restarting Local node
[main] Thu Sep 28 04:37:16 UTC 2023:[/usr/bin/sudo, /opt/CSC0cpm/bin/cpmcontrol.sh, restart_appserver_e
```

```
[main] Thu Sep 28 04:52:41 UTC 2023:RestartUtil: Restarted local node and waiting for it to come up...
[main] Thu Sep 28 04:53:12 UTC 2023:RestartUtil: Restart success for local node .
[main] Thu Sep 28 04:53:12 UTC 2023:RestartUtil: cred file deleted
[main] Thu Sep 28 04:53:12 UTC 2023:-----
[main] Thu Sep 28 04:53:12 UTC 2023:RestartUtil:END- Restart called with args apponly:1377:localhost
[main] Thu Sep 28 04:53:12 UTC 2023:-----
```

اهحال صإو ءاطخألا فاشك تسإ

تافلمل هذه نم ققحتلال كنكمي، ةزيمل هذه لوح تامولعمل نم ققحتلال:

- ise-psc.log
- restartutil.log

ةيلاتل رمأوالا مادختسإ كنكمي، رمأوالا رطس نم يقيقحلل تقولا في مهصحفل:

```
show logging application restartutil.log tail
show logging application ise-psc.log tail
```

ةلص تاذا تامولعمل

• نم تاليزنتلال او ينفلال معدلا Cisco

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسمل اذ ه Cisco ت مچرت
ملاعلاء ن أ عي مچ ي ف ن ي م دخت سمل ل معد ي و تح م مي دقت ل ة ي رش ب ل و
امك ة ق ي قد ن و ك ت ن ل ة ي ل أ ة مچرت ل ض ف أ ن أ ة ظ حال م ي ج ر ي . ة ص ا خ ل 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 (رف و ت م ط بار ل ا) ي ل ص أ ل ا ي ز ي ل ج ن ا ل ا دن تسمل ا