

將ISE 3.3與DNAC整合

目錄

[簡介](#)

[必要條件](#)

[需求](#)

[採用元件](#)

[背景資訊](#)

[設定](#)

[ISE 組態](#)

[Cisco DNA組態](#)

[驗證](#)

[疑難排解](#)

[A部分：Cisco DNA上的日誌消息流以實現成功整合](#)

[B部分：ISE上的日誌消息流 \(ISE PSC日誌 \)](#)

簡介

本文檔介紹使用pxGrid連線將ISE 3.3與思科DNA中心(DNAC)整合的過程。

必要條件

- ERS讀寫訪問。
- ISE和Catalyst Center之間沒有代理伺服器。
- 需要在ISE上啟用PxGrid。
- 整合需要FQDN，而不僅僅是IP地址 (證書)。
- 如果使用企業頒發的證書，則需要Catalyst Center群集的VIP +實際IP。
- ISE上的CLI憑證不再用於整合，僅支援基於API的訪問。
- 需要IP可達性。

需求

思科建議您瞭解以下主題：

- 身分識別服務引擎3.3
- 思科DNA

採用元件

本文中的資訊係根據以下軟體和硬體版本：

- 身分識別服務引擎版本3.3

- 思科DNA

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

背景資訊

SD-Access解決方案通過組合思科Catalyst中心、思科®身份服務引擎(ISE)以及具有交換矩陣功能的有線和無線裝置平台提供。

通過Cisco Catalyst Center軟體實現Cisco Catalyst Center的自動化、分析、可視性和管理。SD-Access是此軟體的一部分，用於設計、調配、應用策略，並幫助建立有保證的智慧有線和無線園區網路。

ISE是SD-Access實施網路訪問控制策略的有機組成部分。ISE執行策略實施，實現使用者和裝置到可擴展組的動態對映，並簡化端到端安全策略實施。在ISE中，使用者和裝置以簡單靈活的介面顯示。ISE通過思科平台交換網格(pxGrid)和代表狀態傳輸(REST)API與Cisco Catalyst中心整合，用於終端事件通知和ISE上策略配置的自動化。

瞭解思科身份服務引擎(ISE)是思科DNA中心的重要組成部分，這一點至關重要。它提供核心的基於意圖的服務，例如：

1. AAA (RADIUS和TACACS+)
- 2.網路可視性
- 3.使用者和裝置自註冊
- 4.安全政策
- 5.宏觀和微觀分割

要使用這些服務，必須將Cisco DNA Center與ISE整合以建立可信的關係。本指南提供完成整合過程的逐步說明。

設定

ISE 組態

步驟 1:必須在ISE上啟用Pxgrid。

必須在System > Deployment > Edit Node > PxGrid下啟用PxGrid服務，如下圖所示：

Identity Services Engine

Administration / System

Evaluation Mode 83 Days

Bookmarks

Dashboard

Context Visibility

Operations

Policy

Administration

Work Centers

Interactive Help

Deployment

Licensing

Certificates

Logging

Maintenance

Upgrade

Health Checks

More

Hostname

iae33seckavin

FQDN

IP Address

10.127.196.72

Node Type

Identity Services Engine (ISE)

Role

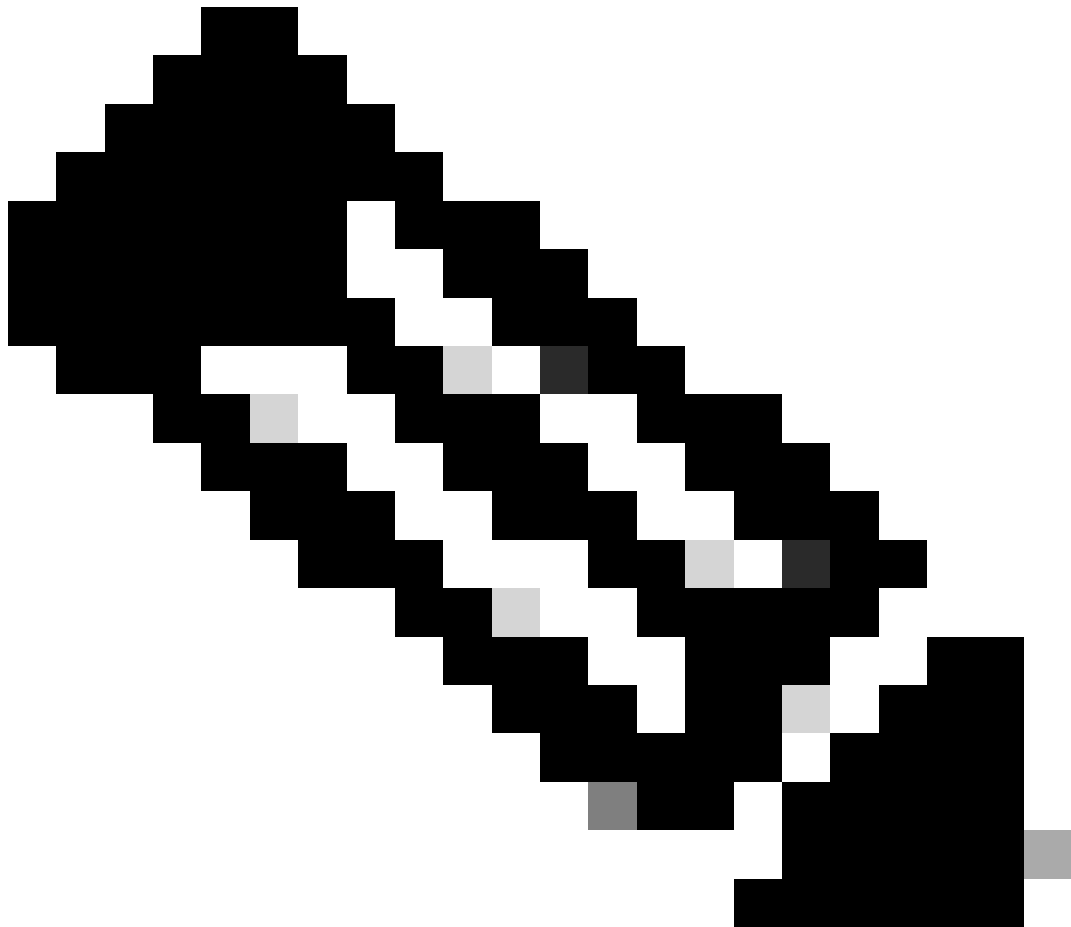
SECONDARY

Administration

Monitoring

Policy Service

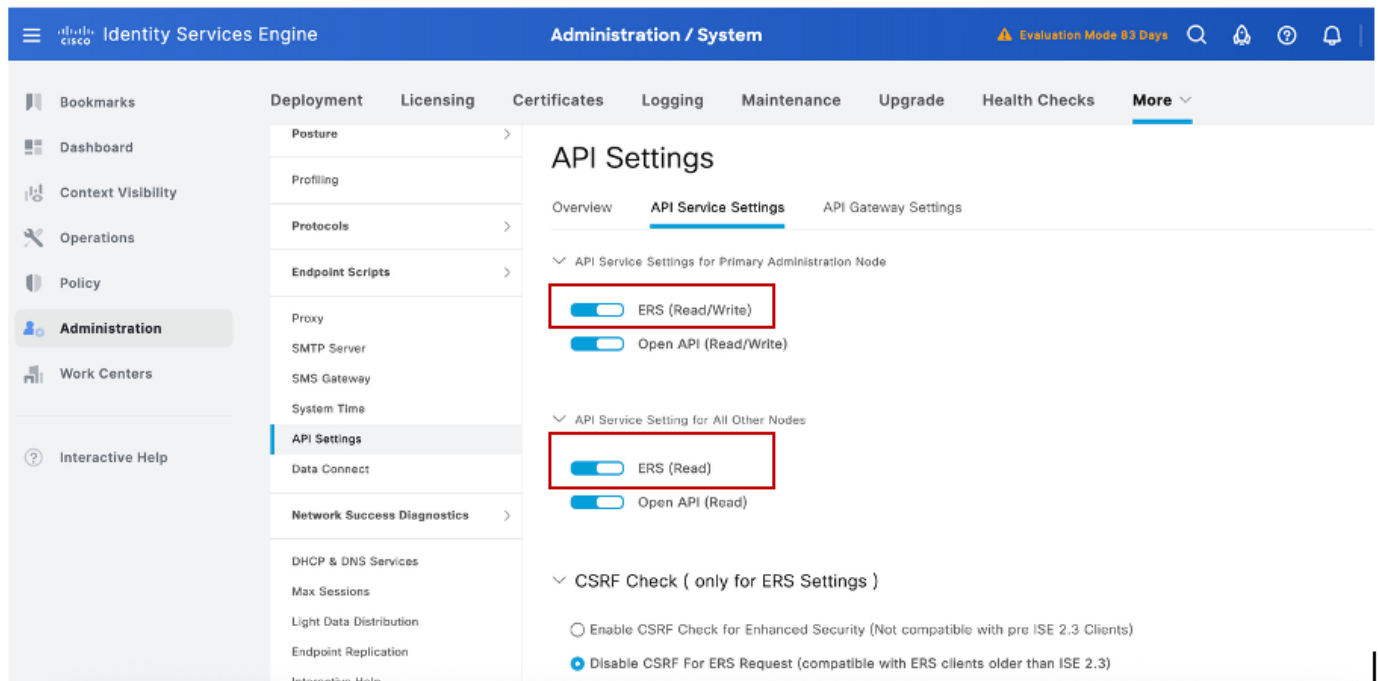
pxGrid



附註：在分散式環境中，您可以在兩個ISE節點上運行pxgrid角色。建議在非管理節點上運行pxgrid persona。

步驟 2:啟用REST風格服務(ERS)讀取/寫入：

要在ISE上啟用表示狀態傳輸(REST)和應用程式設計介面(API)服務，必須在Administration > System > Settings > ERS Settings > Enable ERS for Read/Write下啟用ERS讀/寫，如下圖所示：





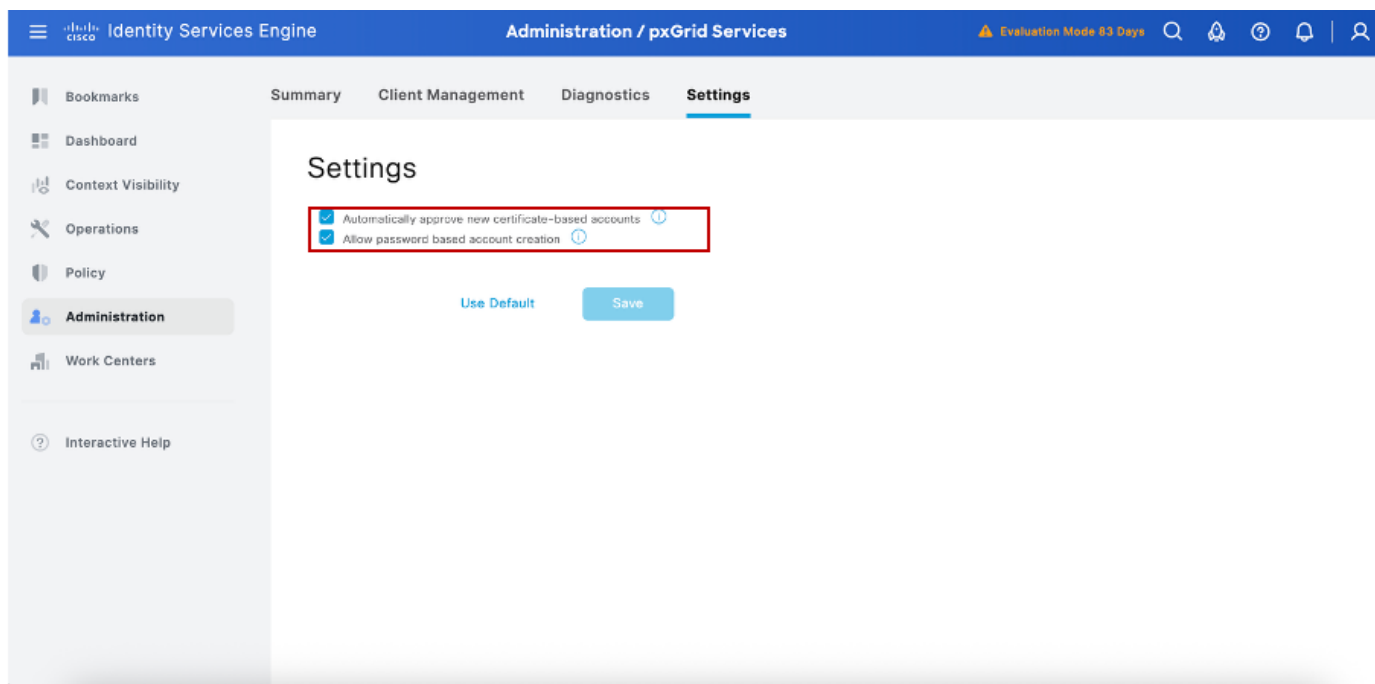
附註：在分散式ISE環境中，確保選擇Enable ERS for Read (啟用ERS讀取)，否則，ERS會話可以在主管理上啟動，但在輔助上無法啟動。

步驟 3:確保兩個設定均已啟用，如管理> pxGrid服務>設定下所示。

啟用自動批准基於證書的新帳戶。

啟用Allow password based account creation。

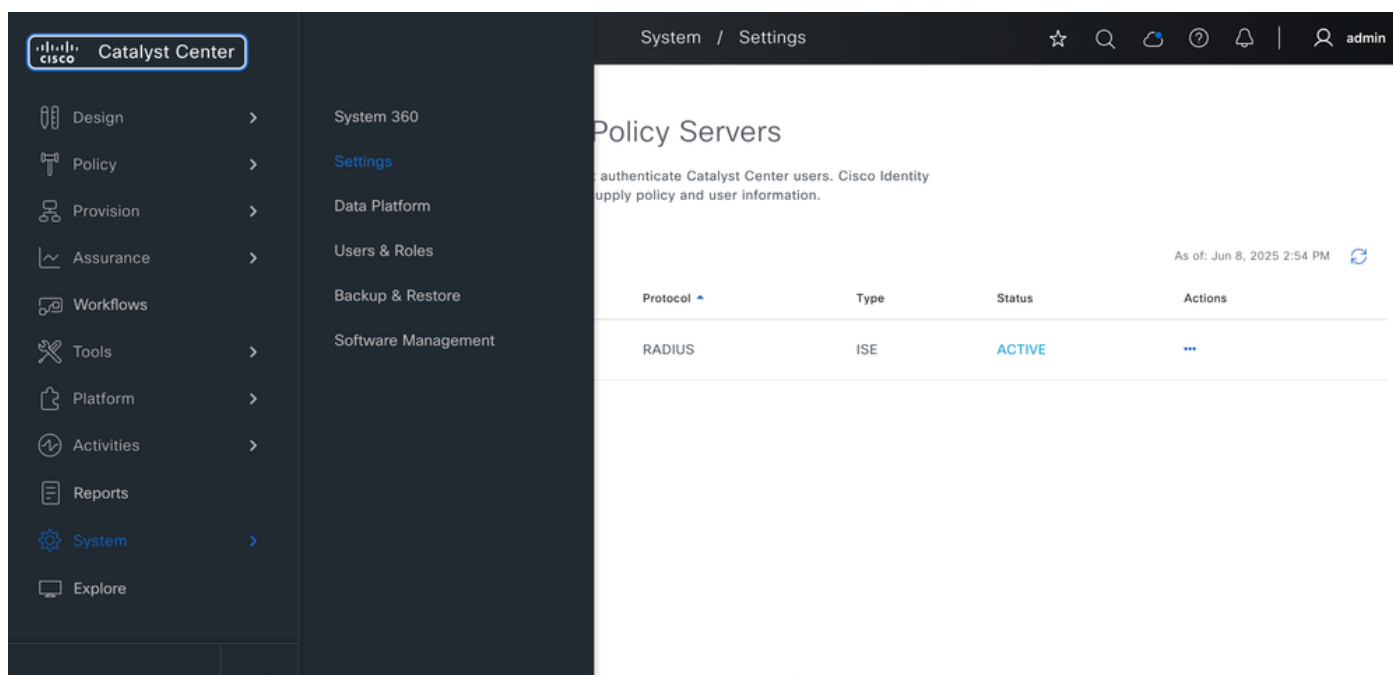
這允許自動批准pxGrid客戶端。



Cisco DNA組態

步驟 1: 登入思科DNAGUI。

步驟 2: 導航到System Settings > Settings > Authentication and Policy Servers。



步驟 3: 按一下「新增」。從下拉選單中選擇ISE:

Catalyst Center System / Settings

Settings / External Services

Authentication and Policy Servers

Use this form to specify the servers that authenticate Catalyst Center users. Cisco Identity Services Engine (ISE) servers can also supply policy and user information.

[Add](#) [Export](#) As of: Jun 8, 2025 2:55 PM

IP Address	Protocol	Type	Status	Actions
10.127.196.71	RADIUS	ISE	ACTIVE	...

步驟 4:新增所有詳細信息，如下所示：

伺服器IP地址：ISE主管理節點的IP地址。

共用金鑰：這是交換機作為網路裝置被Cisco DNA推送到ISE時的Radius共用金鑰。

使用者名稱/密碼：ISE管理員憑據。

FQDN：ISE主管理節點FQDN。

訂閱者名稱：這是Cisco DNA向ISE Pxgrid發起訂閱請求時在ISE上的Pxgrid服務下顯示的名稱。

Edit ISE server



Server IP Address

10.127.196.71

Shared Secret

Username*

admin

Password*

FQDN*

kavinise33ppan.kavinise33ppan.com

Subscriber Name

pxgrid_client_1749316904

Cancel

Save

ISE server Integration



This is the first time Cisco Catalyst Center has seen this certificate from Cisco ISE, and it is not yet trusted. Do you want to accept this certificate and establish trust?

Integration of 10.127.196.71 is waiting for user input



Initiating connection...

less than a minute ago

This is the first time Cisco Catalyst Center has seen this certificate from Cisco ISE, and it is not yet trusted. Do you want to accept this certificate and establish trust?

[View certificate](#)

Accept

Decline



Establishing trust...

Reading, validating, and storing trusted certificates



Discovering nodes...

Discovering Cisco ISE primary and secondary admin nodes and pxGrid nodes

Integration of 10.127.196.71 is in progress...



Initiating connection...

Connecting to Cisco ISE and validating credentials



Establishing trust...

Reading, validating, and storing trusted certificates



Discovering nodes...

Discovering Cisco ISE primary and secondary admin nodes and pxGrid nodes

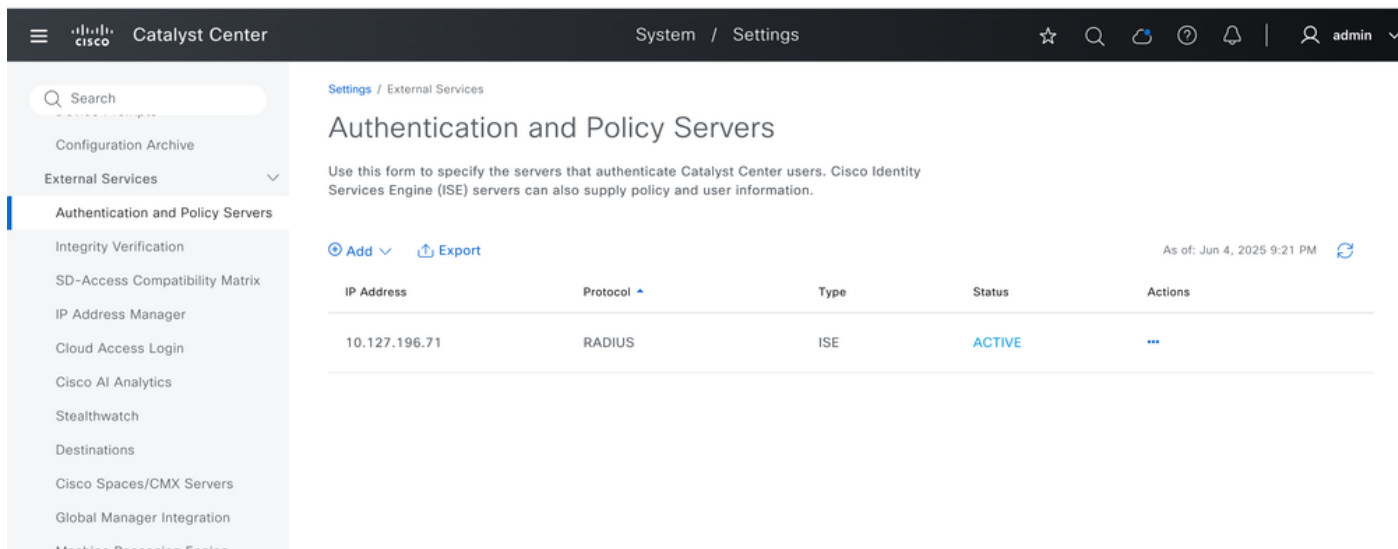


Connecting to pxGrid...

Loading and validating pxGrid certificates, subscribing to pxGrid topics

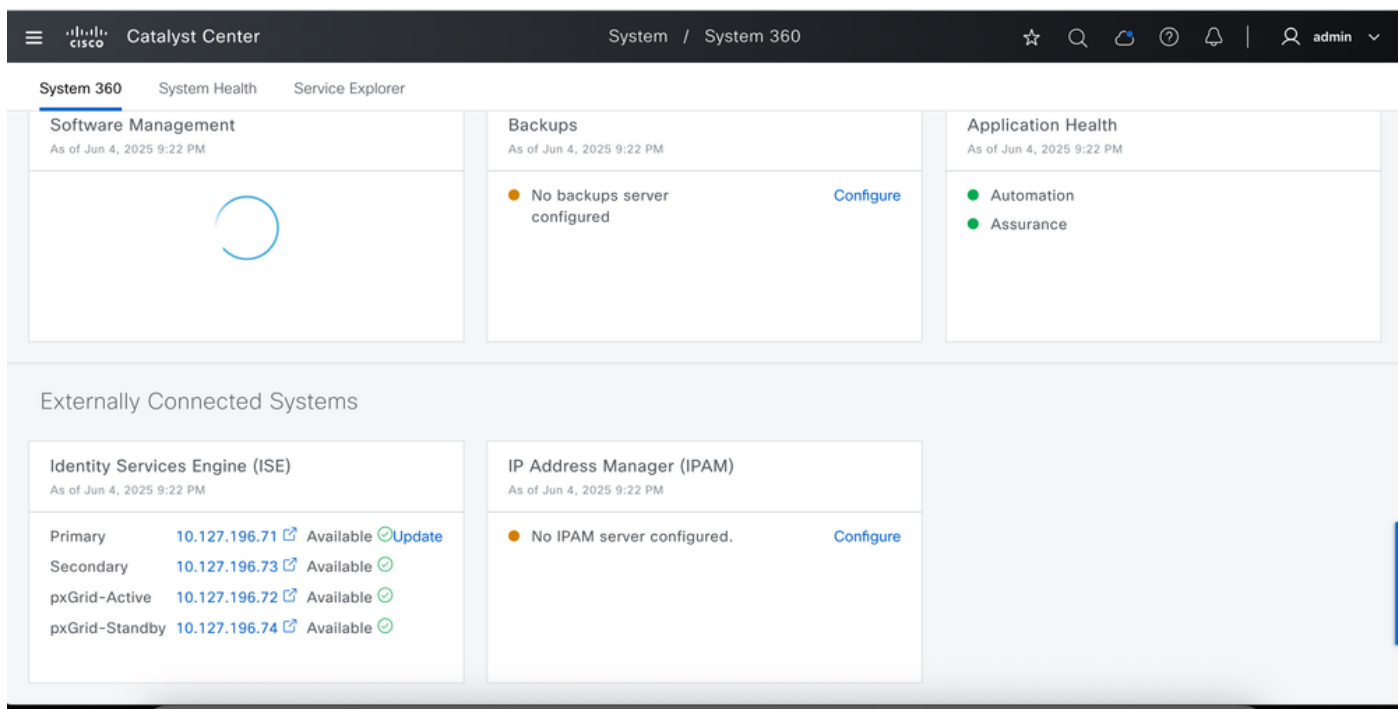
驗證

- 導航至系統設定>設定>身份驗證和策略伺服器。
- ISE整合狀態將顯示為活動。



導覽至Settings > System 360:

ISE伺服器在External Connected Systems下顯示為Available，如下所示：



疑難排解

在ISE中的調試級別設定以下元件：

- Pxgrid
- 基礎設施
- Ers



附註：開始思科DNA-ISE整合之前，請使用以下命令跟蹤服務日誌：

可以使用以下命令在Cisco DNA CLI上即時檢查日誌：

- maglev\$ magctl service logs -rf ise-bridge
- maglev\$ magctl service logs -rf network-design -c network-design-service

A部分：Cisco DNA上的日誌消息流，用於成功整合

步驟 1:正在獲取ISE憑據。

2025/06/07 17:21:41 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step>

025-06-07 17:21:41,905 |信息 | messageListenerContainer-6 | | c.c.a.c.c.impl.AARasClientImpl |
AAARasClientImpl — 建立api。RBAC uuid - null | correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 |信息 | messageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager
|-----|
correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 |信息 | messageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager
| 步驟：正在獲取iseUsername、 isePassword、 iseHostIp、 iseHostName、 iseSshKey、
apicEmIp、 apicEmFqdn | correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 |信息 | messageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager
|-----|
correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 |信息 | messageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager
|為ISE信任建立呼叫開始服務 | correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 |信息 | messageListenerContainer-6 | |
c.c.a.c.s.u.GoTrustEstablishmentUtil |構建API路徑，為使用ip的ISE的CREATE請求呼叫GO服務
： 10.127.196.71和主機名：I | correlationId=1978f306-0857-467d-b974-6444a163f742

步驟 2:證書錯誤，等待接受證書是否為自簽名且不受信任。

06/07 17:21:42 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:21:42 [DEBUG] GET <https://10.127.196.71/admin/API/PKI/TrustCertificates>

2025/06/07 17:21:44 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step>

2025-06-07 17:21:44,730 |信息 | qtp480903748-238 | |
c.c.a.c.s.c.IseIntegrationStatusController |更新StepName =INITIATE_CONNECTION_TO_ISE的
ISE整合狀態步驟 | correlationId=831c9c36-d534-415d-86d6-

2025-06-07 17:21:44,964 |錯誤 | messageListenerContainer-6 | |
c.c.a.c.s.h.CreateAaaMessageHandler | 證書正在等待使用者接受{} | correlationId=1978f306-0857-
467d-b974-6444a163f742

com.cisco.apicem.commonsettings.service.exception.CertificateWaitingUserAcceptanceException:{"i18n"

在

com.cisco.apicem.commonsettings.service.util.GoTrustEstablishmentUtil.callGoServiceForTrustProcessing

在

com.cisco.apicem.commonsettings.service.trust.CiscoISEManager.establishTrustWithPAN(CiscoISEMan

在

com.cisco.apicem.commonsettings.service.trust.CiscoISEManager.establishTrust(CiscoISEManager.java

在

com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRBACInvocation(C

在

com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRBACInvocation(C

在

com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRequest(CreateAa

在

com.cisco.grapevine.amqp.impl.GrapevineMessageListener.invokeHandler_aroundBody0(GrapevineMess
queue-sdk-7.0.722.60901.jar:7.0.722.60901]

在

com.cisco.grapevine.amqp.impl.GrapevineMessageListener\$AjcClosure1.run(GrapevineMessageListener
queue-sdk-7.0.722.60901.jar:7.0.722.60901]

at org.aspectj.runtime.reflect.JoinPointImpl.proceed(JoinPointImpl.java:167)~[aspectjrt-
1.9.6.jar:na]

在

com.cisco.enc.i18n.localization.aop.EnableI18nOnRequestHandler.getEmptyResponse(EnableI18nOnRe
7.1.722.60901.jar:7.1.722.60901]

在

com.cisco.grapevine.amqp.impl.GrapevineMessageListener.invokeHandler(GrapevineMessageListener.ja
queue-sdk-7.0.722.60901.jar:7.0.722.60901]

在

com.cisco.grapevine.amqp.impl.GrapevineMessageListener.onMessage(GrapevineMessageListener.java
queue-sdk-7.0.722.60901.jar:7.0.722.60901]

at

org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.doInvokeListener(AbstractM
rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.invokeListener(AbstractMes
rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access\$001(SimpleMessage
rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer\$1.invokeListener(SimpleMes
rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.invokeListener(SimpleMessag
rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.executeListener(AbstractMessageListenerContainer.java:111)
rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.doReceiveAndExecute(SimpleMessageListenerContainer.java:411)
rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.receiveAndExecute(SimpleMessageListenerContainer.java:381)
rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access\$1800(SimpleMessageListenerContainer.java:111)
rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer\$AsyncMessageProcessingContainer.receiveAndExecute(SimpleMessageListenerContainer.java:511)
rabbit-1.7.15.RELEASE.jar:na]

在java.base/java.lang.Thread.run(Thread.java:834)~[na:na]

2025-06-07 17:21:46,284 |信息 | qtp480903748-916 | | c.c.a.c.s.util.CommonSettingsUtil | 檢
索MultiCisco DNAConfigurationTable = MultiCisco
DNAConfigurationTable[clusterUuid=878771ce-8f93-44a5-82c9-3561e14c2d77,createTime=2024-
08-23 14:18:11.381,inMultiCisco DNAMode=false , lastUpdated time=2024-08-23
14:18:11.381,multiCisco DNAFeatureEnabled=false , instanceUuid=7f606daa-ca05-472b-b45c-
fe8dfead1717,instanceId=7007,authEntityId=7007,authEntityClass=1586401731,instanceTenantClass
id=66c88fc4104bfb741d052de9,_orderedListOELindex=<Integer>,_creationOrderIndex=<Integer>,_isBeing
| correlationId=5888c4bb-f407-4771-97e6-e5c9a9e08746

步驟 3:已呼叫證書接受。

17:22:05,574 |信息 | qtp480903748-909 | | c.c.a.c.s.controller.AAAC控制器 | Incoming Cert
Accepted by user?:true | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,581 |信息 | messageListenerContainer-9 | |
c.c.a.c.s.h.CreateAaaMessageHandler | 進入使用者證書確認階段 | correlationId=8b73524a-a3b1-
4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,605 |信息 | messageListenerContainer-9 | | c.c.a.c.s.trust.CiscoISEManager
|----- |
correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,605 |信息 | messageListenerContainer-9 | | c.c.a.c.s.trust.CiscoISEManager
| 步驟 : 正在獲取iseUsername、 isePassword、 iseHostIp、 iseHostName、 iseSshKey、
apicEmIp、 apicEmFqdn | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,605 |信息 | messageListenerContainer-9 | | c.c.a.c.s.trust.CiscoISEManager

|-----|

correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,605 |信息 | messageListenerContainer-9 | | c.c.a.c.s.trust.CiscoISEManager
| ISE的CALL GO服務TRUST CERT_ACCEPT | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,605 |信息 | messageListenerContainer-9 | |
c.c.a.c.s.u.GoTrustEstablishmentUtil |構建API路徑，以便使用ip為ISE的CERT_ACCEPT請求呼叫
GO服務：10.127.196.71和主機名： | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

步驟 4:建立信任。

2025-06-07 17:22:06,365 |信息 | qtp480903748-246 | |
c.c.a.c.s.c.IseIntegrationStatusController |更新StepName =INITIATE_CONNECTION_TO_ISE的
ISE整合狀態步驟 | correlationId=c1bfde32-4cec-4c9f-afab-06291f1bc437

2025-06-07 17:22:06,375 |信息 | qtp480903748-909 | |
c.c.a.c.s.c.IseIntegrationStatusController |更新StepName =ESTABLISHING_TRUST_WITH_ISE的
ISE整合狀態步驟 | correlationId=fbba646c-bdae-4554-8c70-0a5836f4c860

步驟 5:正在檢查ISE ERS配置。

2025/06/07 17:22:06 [DEBUG] GET <https://10.127.196.71/admin/API/NetworkAccessConfig/ERS>

{"asctime":"2025-06-07T17:22:07.529Z","correlationId":"","level":"info","msg":"ISE上當前ERS配置
{XMLName:{Space:Local:ersConfig} ID:1 ISCSRF:false IsPAP:true
IsPSNS:true}","packagename":"ISE連線管理器"}

步驟 6:正在驗證ISE版本。

2025/06/07 17:22:07 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:07 [DEBUG] GET
<https://10.127.196.71:9060/ers/config/op/systemconfig/iseversion>

{"asctime":"2025-06-07T17:22:09.065Z","correlationId":"","level":"info","msg":" ISE版本為
{Version:3.3 Patch:0 PatchList:0}","packagename":"ISE連線管理器"}

步驟 7:正在獲取遙測資訊。

2025/06/07 17:22:09 [DEBUG] GET <https://10.127.196.71:9060/ers/config/telemetryinfo>

{"asctime":"2025-06-07T17:22:10.161Z","correlationId":"","level":"info","msg":"遙測標識30d43265-1577-4e02-a10b-6b549099f544","packagename":"實用程式"}

{"asctime":"2025-06-07T17:22:10.161Z","correlationId":"","level":"info","msg":"在ISE節點上檢查並
啟用openAPI","packagename":"ISE連線管理器"}

步驟 8:正在從ISE獲取API狀態。

2025/06/07 17:22:10 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:10 [DEBUG] GET <https://10.127.196.71/admin/API/apiService/get>

```
{"asctime":"2025-06-07T17:22:11.291Z","correlationId":"","level":"info","msg":"OpenAPI已啟用 , {true}","packagename":"ISE連線管理器"}
```

步驟 9:已完成與ISE的信任建立。

```
{"asctime":"2025-06-07T17:22:11.291Z","correlationId":"","level":"info","msg":"Updating overall status to trusted","packagename":"ISE連線管理器"}
```

2025/06/07 17:22:11 [DEBUG] GET <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo/b745dd4f-2a22-47d8-a216-6a5a85f3ea69>

```
{"asctime":"2025-06-07T17:22:11.304Z","correlationId":"","level":"info","msg":"正在將節點狀態更新傳送到NDS。 負載{"aaaServerId":"b745dd4f-2a22-47d8-a216-6a5a85f3ea69","ciscoIseList":[{"ciscoIseId":"acc84e0a-cfdb-48a4-2f56eafe5490","描述":"","故障原因":"","fqdn":"","ip地址":"10.127.196.71","操作型別":"更新","角色":"主","狀態":"活動","使用者名稱":"pxgrid_client_1749316904","信任狀態":"信任"},"ipName address":"10.127.196.71","iseConnectionType":"TRUST"},"packagename":"ndsutil"}
```

2025/06/07 17:22:11 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo>

```
{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"節點更新狀態到NDS , 響應代碼200 OK","packagename":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Sending certificates to NDS","packagename":"ISE連線管理器"}
```

```
{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"正在新增 {17487437175958362366089997042 CREATE}","packagename":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"正在將節點狀態更新傳送到NDS。 負載 [{"serialNumber":"17487437175958362366089997042","issuer":"CN=I","operationType":"CREATE"}]}
```

2025/06/07 17:22:11 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo/iseCerts>

```
{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"節點更新狀態到NDS , 響應代碼200 OK","packagename":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"更新ISE步驟 ESTABLISHING_TRUST_WITH_ISE with status COMPLETE","packagename":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"正在向NDS傳送請求  
{"StepName\\":\\"ESTABLISHING_TRUST_WITH_ISE\\",\\"StepStatus\\":\\"COMPLETE\\"},"packagename":"n
```

2025/06/07 17:22:11 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step>

步驟 10:發現ISE部署中的節點。

```
{"asctime":"2025-06-07T17:22:11.339Z","correlationId":"","level":"info","msg":"更新ISE步驟  
DISCOVERING_NODES的狀態IN_PROGRESS","packagename":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:11.339Z","correlationId":"","level":"info","msg":"正在向NDS傳送請求  
{"StepName\\":\\"DISCOVERING_NODES\\",\\"StepStatus\\":\\"IN_PROGRESS\\"},"packagename":"ndsutil"}
```

2025/06/07 17:22:11 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step>

```
{"asctime":"2025-06-07T17:22:11.348Z","correlationId":"","level":"info","msg":"Posted ISE  
Integration Step to NDS , http response code=200","packagename":"ndsutil"}
```

2025/06/07 17:22:11 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:11 [DEBUG] GET <https://10.127.196.71/admin/API/Infra/Node/SimpleList>

```
{"asctime":"2025-06-07T17:22:12.512Z","correlationId":"","level":"info","msg":"66c88fc4104bfb741d052de9:b745dd4f-  
2a222-47d8-a216-6a5a85f3ea69接收了4個節點","packagename":"ISE連線管理器"}
```

```
{"asctime":"2025-06-07T17:22:12.512Z","correlationId":"","level":"info","msg":"正在新增主PAN節點  
本地化33pan/10.127.196.71 , 角色PRIMARY","packagename":"ISE連線管理器"}
```

```
de localize33pan/10.127.196.71, role PRIMARY","packagename":"ISE連線管理器"}
```

2025/06/07 17:22:12 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:12 [DEBUG] GET <https://10.127.196.71:9060/ers/config/node/name/ise33localspan>

```
{"asctime":"2025-06-07T17:22:13.612Z","correlationId":"","level":"info","msg":"正在新增輔助PAN節  
點i
```

```
{"asctime":"2025-06-07T17:22:13.612Z","correlationId":"","level":"info","msg":"正在新增MnT主節點
```

2025/06/07 17:22:13 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:13 [DEBUG] GET <https://10.127.196.71:9060/ers/config/node/name/ise33seclocal>

{"asctime":"2025-06-07T17:22:14.737Z","correlationId":"","level":"info","msg":"正在新增pxgrid節點

2025/06/07 17:22:14 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:14 [DEBUG] GET <https://10.127.196.71:9060/ers/config/node/name/isepxgrid2025>

{"asctime":"2025-06-07T17:22:15.863Z","correlationId":"","level":"info","msg":"正在新增PSN節點 isepxgrid2025.localad.com/10.127.196.74","packagename":"ISE連線管理器"}

2025/06/07 17:22:15 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:15 [DEBUG] GET <https://10.127.196.71:9060/ers/config/node/name/localise33ppan>

{"asctime":"2025-06-07T17:22:17.047Z","correlationId":"","level":"info","msg":"正在新增PSN節點 l/10.127.196.71","packagename":"ISE連線管理器"}

步驟 11:節點發現已完成。

2025/06/07 17:22:17 [DEBUG] GET <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo/b745dd4f-2a22-47d8-a216-6a5a85f3ea69>

{"asctime":"2025-06-07T17:22:17.843Z","correlationId":"","level":"info","msg":"正在將節點狀態更新傳送到NDS。 負載{"aaaServerId":"b745dd4f-2a22-47d8-a216-6a5a85f3ea69","ciscoIselList":[{"ciscoIselId":"49523ddb-e1d5-c53d-1e20-01f8509a3c28","描述":"","故障原因":"","fqdn":"","ip地址":"10.127.196.73","操作型別":"建立","角色":"輔助","狀態":"活動","使用者名稱":"pxgrid_client_1749316904","信任狀態":"信任的"},"ipAaddress":"10.127.196.71","iseConnectionType":"TRUST"},"packagename":"ndsutil"}

2025/06/07 17:22:17 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo>

{"asctime":"2025-06-07T17:22:17.860Z","correlationId":"","level":"info","msg":"節點更新狀態到NDS , 響應代碼200 OK","packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:17.860Z","correlationId":"","level":"info","msg":"Updating ISE Step DISCOVERING_NODES with status COMPLETE","packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:17.860Z","correlationId":"","level":"info","msg":"正在向NDS傳送請求 {"StepName":"DISCOVERING_NODES","StepStatus":"COMPLETE"},"packagename":"ndsutil"}

步驟 12:獲取ISE本地證書。

{"asctime":"2025-06-07T17:22:17.871Z","correlationId":"","level":"info","msg":"GetCertChainForISERole 、角色EAP和節點","packagename":"證書管理器"}

{"asctime":"2025-06-07T17:22:17.871Z","correlationId":"","level":"info","msg":"從ISE 10.127.196.71", "packagename":"Certificate Manager"}

2025/06/07 17:22:17 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:17 [DEBUG] GET <https://10.127.196.71/admin/API/PKI/LocalCertificates>

{"asctime":"2025-06-07T17:22:19.264Z","correlationId":"","level":"info","msg":"正在構建枝葉證書的證書鏈。Node=10.127.196.71;cname=","packagename":"證書管理器"}

{"asctime":"2025-06-07T17:22:19.264Z","correlationId":"","level":"info","msg":"證書是自簽名。Subject=CN和Issuer=CN , 跳過證書鏈生成","packagename":"證書管理器"}

{"asctime":"2025-06-07T17:22:19.264Z","correlationId":"","level":"info","msg":"Inserting into iseCerts","packagename":"DAL"}

{"asctime":"2025-06-07T17:22:19.276Z","correlationId":"","level":"info","msg":"已成功插入 iseCerts"," packagename":"DAL"}

2025/06/07 17:22:19 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

步驟 13:Pxgrid連線檢查。

{"asctime":"2025-06-07T17:22:19.336Z","correlationId":"","level":"info","msg":"PxGrid is enabled","packagename":"ISE連線管理器"}

{"asctime":"2025-06-07T17:22:19.336Z","correlationId":"","level":"info","msg":"Updating ISE Step PXGRID_CONNECTION with status IN_PROGRESS","packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:19.336Z","correlationId":"","level":"info","msg":"正在向NDS傳送請求 {"StepName":"PXGRID_CONNECTION","StepStatus":"IN_PROGRESS"},"","packagename":"ndsutil"}

2025/06/07 17:22:19 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step>

{"asctime":"2025-06-07T17:22:19.349Z","correlationId":"","level":"info","msg":"Posted ISE Integration Step to NDS , http response code=200","packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:19.349Z","correlationId":"","level":"info","msg":"獲取和生成節點 10.127.196.72的管理證書鏈"," packagename":"證書管理器"}

{"asctime":"2025-06-07T17:22:19.349Z","correlationId":"","level":"info","msg":"Fetching server certificate for 10.127.196.72"," packagename":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"fetched server cert chain for 10.127.196.72, chain length 4","packagename":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"檢查對等體是否提供

了完整的證書鏈，鏈長=4","packagename":"證書管理器"}

```
{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"Node=10.127.196.72;cname=","packagename":"Certificate Manager"}
```

```
{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"正在插入ise-bridge certpool. Issuer=CN=Certificate Services Node CA - localize33ppan;Subject=CN=Certificate Services Endpoint Sub CA - ise33seclocal; 序列號=336164adf99b4663b51c7d8787b671e2","packagename":"Certificate Manager"}
```

2025/06/07 17:22:20 [DEBUG] GET <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo/b745dd4f-2a22-47d8-a216-6a5a85f3ea69>

```
{"asctime":"2025-06-07T17:22:20.920Z","correlationId":"","level":"info","msg":"正在將節點狀態更新傳送到NDS。 負載{"aaaServerId":"b745dd4f-2a22-47d8-a216-6a5a85f3ea69","ciscoIseList":[{"ciscoIseId":"dad546ca-fe8f-28d9-a112-56ecade00239","描述":"","故障原因":"","fqdn":"","ip地址":"10.127.196.72","操作型別":"建立","角色":"PXGRID","狀態":"非活動","subscriberName":"pxgrid_client_1749316904","trustState":"可信的"},"ipName address":"10.127.196.71","iseConnectionType":"TRUST"},"packagename":"ndsutil"}
```

2025/06/07 17:22:20 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo>

```
{"asctime":"2025-06-07T17:22:20.936Z","correlationId":"","level":"info","msg":"節點更新狀態到NDS，響應代碼200 OK","packagename":"ndsutil"}
```

步驟 14:證書更新。

```
{"asctime":"2025-06-07T17:22:22.585Z","correlationId":"","level":"info","msg":"Fetch endpoint certs from ISE，\u026a{CertTemplateName:pxGrid_Certificate_Template Format:PKCS8_CHAIN密碼: CertificateRequest:{San:52:ad:88:67:42:58 Cn:admin_66c88fc4104bfb741d052de9},"packagename":"PxGridClient"}
```

2025/06/07 17:22:22 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

2025/06/07 17:22:22 [調試] PUT <https://10.127.196.71:9060/ers/config/endpointcert/certRequest>

```
{"asctime":"2025-06-07T17:22:24.071Z","correlationId":"","level":"info","msg":"Inserting into iseCerts","packagename":"DAL"}
```

```
{"asctime":"2025-06-07T17:22:24.072Z","correlationId":"","level":"info","msg":"已成功插入 iseCerts","packagename":"DAL"}
```

步驟 15:Pxgrid客戶端啟用。

```
{"asctime":"2025-06-07T17:22:24.074Z","correlationId":"","level":"info","msg":"Successfully loaded
```

privateKey from endpoint certs", "packagename": "PxGridClient"}

{"asctime": "2025-06-07T17:22:24.074Z", "correlationId": "", "level": "info", "msg": "客戶端證書鏈1", "packagename": "PxGridClient"} 中的證書條目數

2025/06/07 17:22:24 [調試] POST <https://10.127.196.72:8910/pxgrid/control/AccountActivate>

{"asctime": "2025-06-07T17:22:25.247Z", "correlationId": "", "level": "info", "msg": "Got Response 200, for URL <https://10.127.196.72:8910/pxgrid/control/AccountActivate>", "packagename": "PxGridClient"}

{"asctime": "2025-06-07T17:22:25.247Z", "correlationId": "", "level": "info", "msg": "GOT ACCOUNT ACTIVATE RESPONSE: \u0026{AccountState:ENABLED Version:2.0}", "packagename": "PxGridClient"}

2025/06/07 17:22:25 [調試] POST <https://10.127.196.72:8910/pxgrid/control/ServiceLookup>

{"asctime": "2025-06-07T17:22:26.311Z", "correlationId": "", "level": "info", "msg": "Got Response 200, for URL <https://10.127.196.72:8910/pxgrid/control/ServiceLookup>", "packagename": "PxGridClient"}

{"asctime": "2025-06-07T17:22:26.311Z", "correlationId": "", "level": "info", "msg": "嘗試連線pubsub service \u0026{Name:com.cisco.ise.pubsub NodeName:~ise-pubsub-ise33seclocal Properties:map[wsUrl:wss://:8910/pxgrid/ise/pubsub]} ", "packagename": "pxGridClient"}

{"asctime": "2025-06-07T17:22:26.311Z", "correlationId": "", "level": "info", "msg": "ISE Pubsub Web服務 URL:wss://10.127.196.72:8910/pxgrid/ise/pubsub", "packagename": "PxGridClient"}

2025/06/07 17:22:26 [調試] POST <https://10.127.196.72:8910/pxgrid/control/AccessSecret>

{"asctime": "2025-06-07T17:22:27.461Z", "correlationId": "", "level": "info", "msg": "Got Response 200, for URL <https://10.127.196.72:8910/pxgrid/control/AccessSecret>", "packagename": "PxGridClient"}

{"asctime": "2025-06-07T17:22:27.461Z", "correlationId": "", "level": "info", "msg": "正在嘗試撥號到 wsurl wss://10.127.196.72:8910/pxgrid/ise/pubsub", "packagename": "ws-endpoint"}

{"asctime": "2025-06-07T17:22:28.479Z", "correlationId": "", "level": "info", "msg": "Connected to wss://10.127.196.72:8910/pxgrid/ise/pubsub", "packagename": "ws-endpoint"}

2025/06/07 17:22:28 [調試] POST <https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption>

{"asctime": "2025-06-07T17:22:28.479Z", "correlationId": "", "level": "info", "msg": "Setting as active pxgrid node", "packagename": "PxGridClient"}

{"asctime": "2025-06-07T17:22:28.533Z", "correlationId": "", "level": "info", "msg": "Updating ISE Step PXGRID_CONNECTION with status COMPLETE", "packagename": "ndsutil"}

{"asctime": "2025-06-07T17:22:28.533Z", "correlationId": "", "level": "info", "msg": "正在向NDS傳送請求 {"StepName\\":\\"PXGRID_CONNECTION\\",\\"StepStatus\\":\\"COMPLETE\\"}", "packagename": "ndsutil"}

2025/06/07 17:22:28 [調試] PUT <http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step>

2025/06/07 17:22:28 [DEBUG] GET <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo/b745dd4f-2a22-47d8-a216-6a5a85f3ea69>

第16步：Trustsec SGT下載。

```
{"asctime":"2025-06-07T17:22:34.370Z","correlationId":"","level":"info","msg":"BULK  
DOWNLOADING FOR SERVICE com.cisco.ise.config.trustsec TOPIC  
securityGroupTopic","packagename":"PxGridClient"}
```

```
{"asctime":"2025-06-07T17:22:34.371Z","correlationId":"","level":"info","msg":"Bulkdownload  
URLs:[https://10.127.196.71:8910/pxgrid/ise/config/trustsec],"packagename":"PxGridClient"}
```

```
{"asctime":"2025-06-07T17:22:34.371Z","correlationId":"","level":"info","msg":"嘗試使用  
https://10.127.196.71:8910/pxgrid/ise/config/trustsec/getSecurityGroups","packagename":"PxGridClient"}  
次下載 com.cisco.ise.config.trustsec
```

2025/06/07 17:22:34 [調試] POST
<https://10.127.196.71:8910/pxgrid/ise/config/trustsec/getSecurityGroups>

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"Got Response 200  
, 對於URL  
https://10.127.196.71:8910/pxgrid/ise/config/trustsec/getSecurityGroups","packagename":"PxGridClient"}
```

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"Reset Security  
Group Cache.","packagename":"cache"}
```

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"Updating Security  
Group Cache","packagename":"cache"}
```

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"SG bulkdownload  
data , ACA尚未註冊 , 請不要推送到RMQ","packagename":"訂閱者"}
```

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"完成對所有主題的訂  
閱和完成的批次下載","packagename":"ISE連線管理器"}
```

B部分：ISE上的日誌消息流 (ISE PSC日誌)

步驟 1:正在獲取節點詳細資訊。

2025-06-07 22:45:22,788 INFO [ers-http-pool15][[]]
cpm.ers.app.web.BasicAndTokenAuthenticator -::: - 基本身份驗證成功。使用者：admin

2025-06-07 22:45:22,788 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
::: - ### MaxThreadsFilter.doFilter -> getPathInfo=/node

2025-06-07 22:45:22,788 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
::: - ### MaxThreadsFilter.doFilter -> getMethod=GET

2025-06-07 22:45:22,788 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —> getRequestURL=<https://ise-bridge.ise-bridge.svc.cluster.local:8080/ers/config/node>

2025-06-07 22:45:22,788 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —> getRemoteHost=10.62.113.211

2025-06-07 22:45:22,788 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —>getLocalPort=9060

2:45:22,794 DEBUG [ers-http-pool15][[]] ers.app.impl.handlers.NodeCRUDHandler -:::- DEBUG
INFO — RESULT com.cisco.cpm.ers.app.proxy.HostConfigProxy@2ff9a8ef

2025-06-07 22:45:22,794 DEBUG [ers-http-pool15][[]] ers.app.impl.handlers.NodeCRUDHandler -
:::- DEBUG INFO — 結果com.cisco.cpm.ers.app.proxy.HostConfigProxy@39c857df

2025-06-07 22:45:22,794 DEBUG [ers-http-pool15][[]] ers.app.impl.handlers.NodeCRUDHandler -
:::- DEBUG INFO — 結果com.cisco.cpm.ers.app.proxy.HostConfigProxy@24e4889c

2025-06-07 22:45:22,794 DEBUG [ers-http-pool15][[]] ers.app.impl.handlers.NodeCRUDHandler -
:::- DEBUG INFO — 結果com.cisco.cpm.ers.app.proxy.HostConfigProxy@73eb7edf

2025-06-07 22:45:22,802 INFO [ers-http-pool15][[]] cisco.cpm.ers.fw.CRUDService -:::- Get ALL
resources for resource type 'node'已成功完成

步驟 2: ISE上的版本檢查。

2025-06-07 22:48:39,847 INFO [ers-http-pool15][[]]
cpm.ers.app.web.BasicAndTokenAuthenticator -:::- — 基本身份驗證成功。使用者：admin

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.CertificateAuthenticator -
:::- — 身份驗證基於密碼，跳過基於證書的身份驗證

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —> getPathInfo=/op/systemconfig/iseversion

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —> getMethod=GET

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —>
getRequestURL=<https://10.127.196.71:9060/ers/config/op/systemconfig/iseversion>

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —> getRemoteHost=10.62.113.211

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
:::- ### MaxThreadsFilter.doFilter —> getLocalPort=9060

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -

::::- # RateLimitFilter Servlet =>繼續執行ERS請求，當前時段計數為：49

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter -::::- #####
PICFilter.doFilter —> getPathInfo=/op/systemconfig/iseversion

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter -::::- #####
PICFilter.doFilter —> getMethod=GET

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter -::::- #####
PICFilter.doFilter —>
getRequestURL=<https://10.127.196.71:9060/ers/config/op/systemconfig/iseversion>

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter -::::- #####
PICFilter.doFilter —> getRemoteHost=10.62.113.211

2025-06-07 22:48:39,849 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PAPFilter -::::- #####
PAPFilter.doFilter —> getPathInfo=/op/systemconfig/iseversion

2025-06-07 22:48:39,849 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PAPFilter -::::- #####
PAPFilter.doFilter —> getMethod=GET

2025-06-07 22:48:39,849 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PAPFilter -::::- #####
PAPFilter.doFilter —>
getRequestURL=<https://10.127.196.71:9060/ers/config/op/systemconfig/iseversion>

2025-06-07 22:48:39,849 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PAPFilter -::::- ###
PAPFilter.doFilter —> getRemoteHost=10.62.113.211

步驟 3:正在獲取遙測資訊。

2025-06-07 22:48:41,371 INFO [ers-http-pool15][[]]
cpm.ers.app.web.BasicAndTokenAuthenticator -::::- — 基本身份驗證成功。使用者：admin

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.CertificateAuthenticator -
::::- — 身份驗證基於密碼，跳過基於證書的身份驗證

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
::::- #### MaxThreadsFilter.doFilter —> getPathInfo=/telemetryinfo

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
::::- #### MaxThreadsFilter.doFilter —> getMethod=GET

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
::::- #### MaxThreadsFilter.doFilter —>
getRequestURL=<https://10.127.196.71:9060/ers/config/telemetryinfo>

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -
::::- #### MaxThreadsFilter.doFilter —> getRemoteHost=10.62.113.211

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter -

:-: - ### MaxThreadsFilter.doFilter —> getLocalPort=9060

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - # RateLimitFilter Servlet =>繼續執行ERS請求，當前時段計數為：49

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter - :-: - ### PICFilter.doFilter —> getPathInfo=/telemetryinfo

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter - :-: - ##### PICFilter.doFilter —> getMethod=GET

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter - :-: - ##### PICFilter.doFilter —> getRequestURL=<https://10.127.196.71:9060/ers/config/telemetryinfo>

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PICFilter - :-: - ##### PICFilter.doFilter —> getRemoteHost=10.62.113.211

2025-06-07 22:48:41,372 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.PAPFilter - :-: - ### PAPFilter.doFilter —> getPathInfo=/telemetryinfo

2025-06-07 22:48:41,374 INFO [ers-http-pool15][[]] ers.app.impl.handlers.TelemetryInfoCRUDHandler - :-: — 在GET ALL API中

2025-06-07 22:48:41,377 INFO [ers-http-pool15][[]] cisco.cpm.ers.fw.CRUDService - :-: - Get ALL resources for resource type 'telemetryinfo'已成功完成

步驟 4: ISE使用基於REST的請求獲取整合中的資訊。

2025-06-07 22:49:00,957 INFO [ers-http-pool18][[]] cpm.ers.app.web.BasicAndTokenAuthenticator - :-: — 基本身份驗證成功。使用者：admin

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - ### MaxThreadsFilter.doFilter —> getPathInfo=/sessionservicenode

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - ### MaxThreadsFilter.doFilter —> getMethod=GET

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - ### MaxThreadsFilter.doFilter —> getRequestURL=<https://ise-bridge.ise-bridge.svc.cluster.local:8080/ers/config/sessionservicenode>

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - ### MaxThreadsFilter.doFilter —> getRemoteHost=10.62.113.211

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - ### MaxThreadsFilter.doFilter —> getLocalPort=9060

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.MaxThreadsLimiterFilter - :-: - # RateLimitFilter Servlet =>繼續執行ERS請求，當前時段計數為：49

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.PICFilter -:::- ###
PICFilter.doFilter —> getPathInfo=/sessionservicenode

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.PICFilter -:::- #####
PICFilter.doFilter —> getMethod=GET

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.PICFilter -:::- #####
PICFilter.doFilter —> getRequestURL=<https://ise-bridge.ise-bridge.svc.cluster.local:8080/ers/config/sessionservicenode>

2025-06-07 22:49:00,957 DEBUG [ers-http-pool18][[]] cpm.ers.app.web.PICFilter -:::- #####
PICFilter.doFilter —> getRemoteHost=10.62.113.211

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。