Integrate ISE 3.3 with DNAC

Contents

Introduction

This document describes procedures to integrate ISE 3.3 with Cisco DNA Center (DNAC) using pxGrid connections.

Prerequisites

- ERS read write access.
- No proxy server between ISE and Catalyst Center.
- PxGrid needs to be enabled on ISE.
- FQDN is required for the integration, not just an ip address (certificate).
- If using Enterprise issued Certificate, need VIP + real ip for Catalyst Center Cluster.
- CLI credentials on ISE no longer used for integration only API-based access is supported.
- Ip reachability is required.

Requirements

Cisco recommends that you have knowledge of these topics:

- Identity Services Engine 3.3
- Cisco DNA

Components Used

The information in this document is based on these software and hardware versions:

- Identity Services Engine version 3.3
- Cisco DNA

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

The SD-Access solution is provided through a combination of Cisco Catalyst Center, the Cisco® Identity Services Engine (ISE), and wired and wireless device platforms that have fabric functionality.

Automation, Analytics, Visibility, and management of the Cisco Catalyst Center is enabled through Cisco Catalyst Center software. SD-Access is part of this software and is used to design, provision, apply policy, and facilitate the creation of an intelligent wired and wireless campus network with assurance.

ISE is an integral component of SD-Access for implementing network access control policy. ISE performs policy implementation, enabling dynamic mapping of users and devices to scalable groups and simplifying end-to-end security policy enforcement. Within ISE, users and devices are shown in a simple and flexible interface. ISE integrates with Cisco Catalyst Center by using Cisco Platform Exchange Grid (pxGrid) and Representational State Transfer (REST) APIs for endpoint event notifications and automation of policy configurations on ISE.

Understanding that Cisco Identity Services Engine (ISE) is a vital part of Cisco DNA Center is essential. It delivers core intent-based services such as:

1. AAA (RADIUS and TACACS+)

2. Network visibility

3. User and device onboarding

4. Security policies

5. Macro and micro segmentation

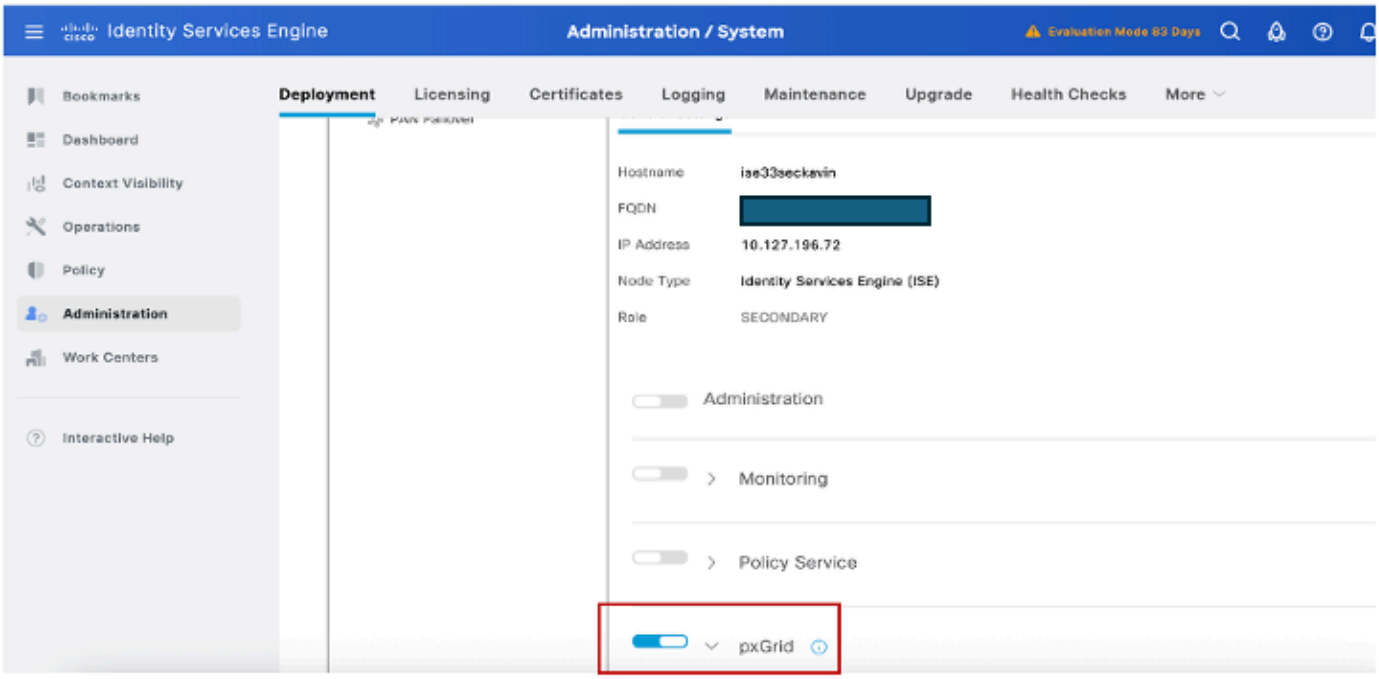
To utilize these services, Cisco DNA Center must be integrated with ISE to establish a trusted relationship. This guide provides Step-by-Step instructions for completing the integration process.

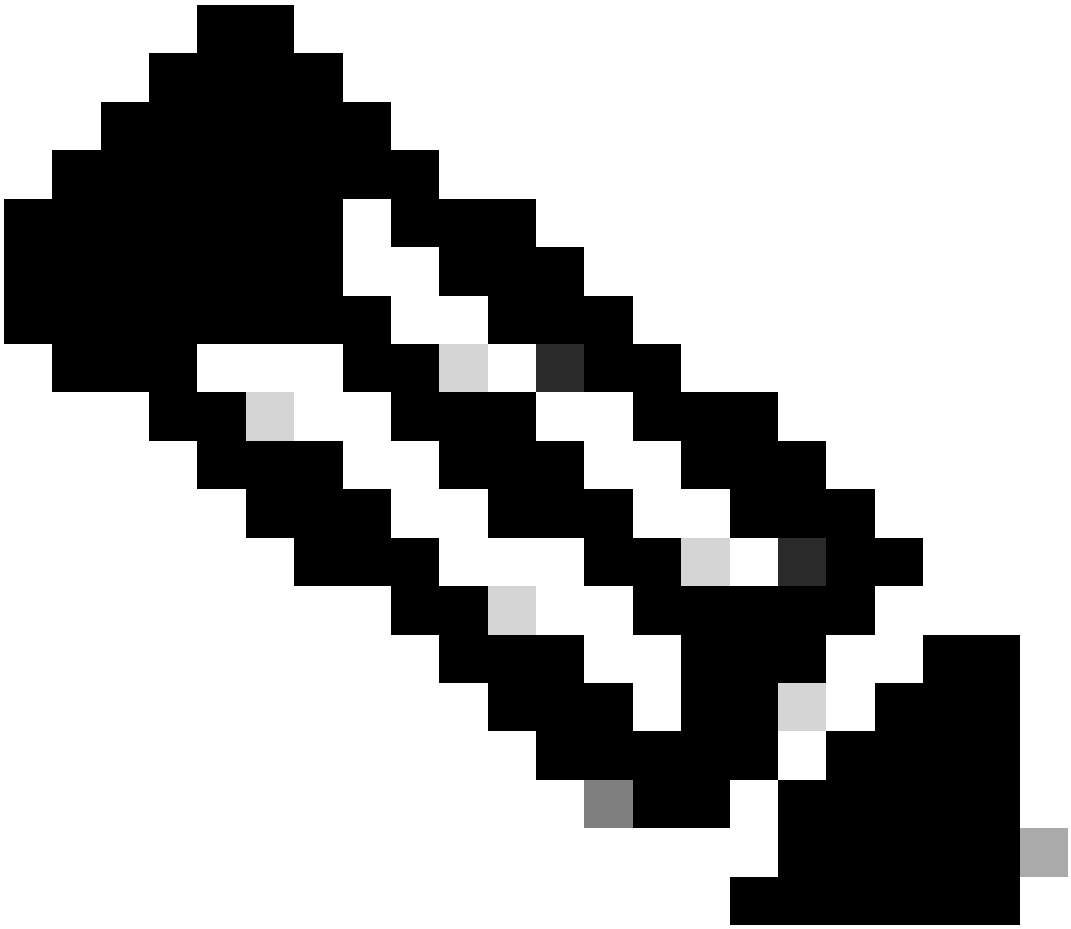
Configure

ISE Configuration

Step 1: Pxgrid must be enabled on ISE .

PxGrid service must be enabled under **System > Deployment > Edit Node > PxGrid**, as shown in the image:

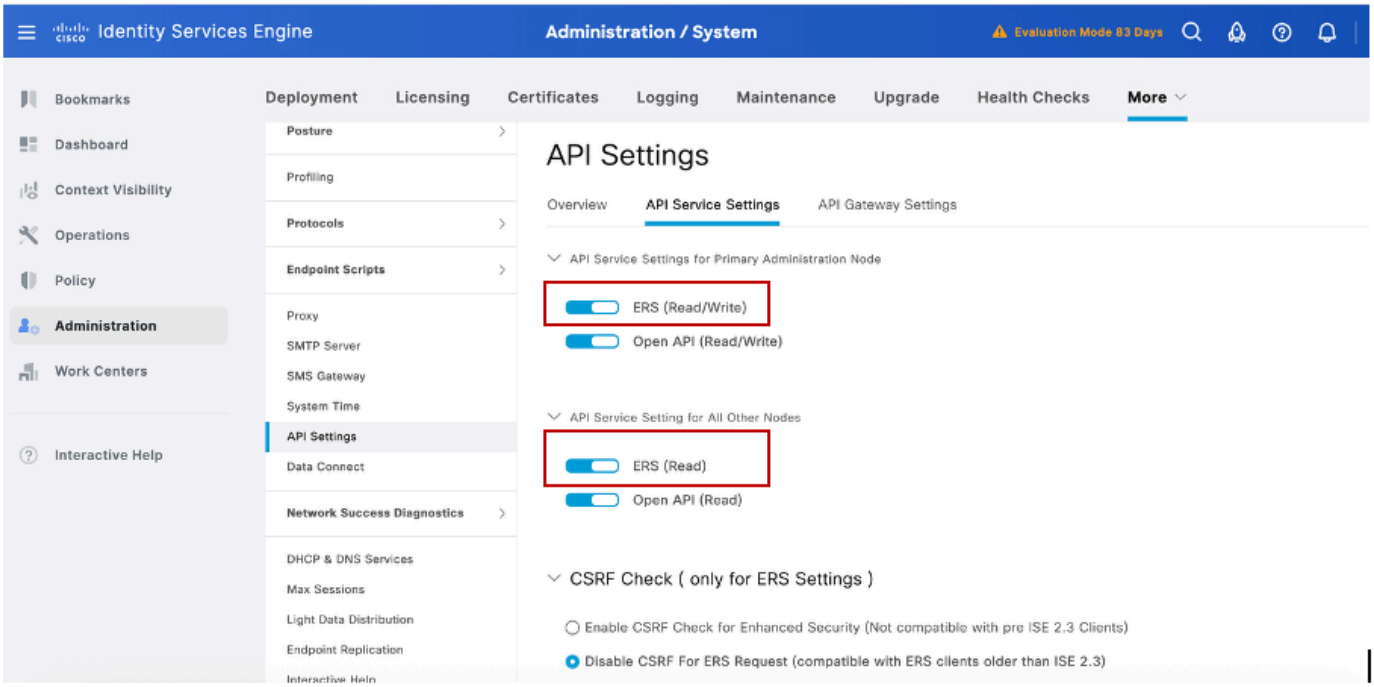

Identity Services Engine
Administration / System
Evaluation Mode 83 Days
Bookmarks
Dashboard
Context Visibility
Operations
Policy
Administration
Work Centers
Interactive Help
Deployment
Licensing
Certificates
Logging
Maintenance
Upgrade
Health Checks
More
Hostname
ise33seckevin
FQDN
IP Address
10.127.196.72
Node Type
Identity Services Engine (ISE)
Role
SECONDARY
Administration
Monitoring
Policy Service
pxGrid

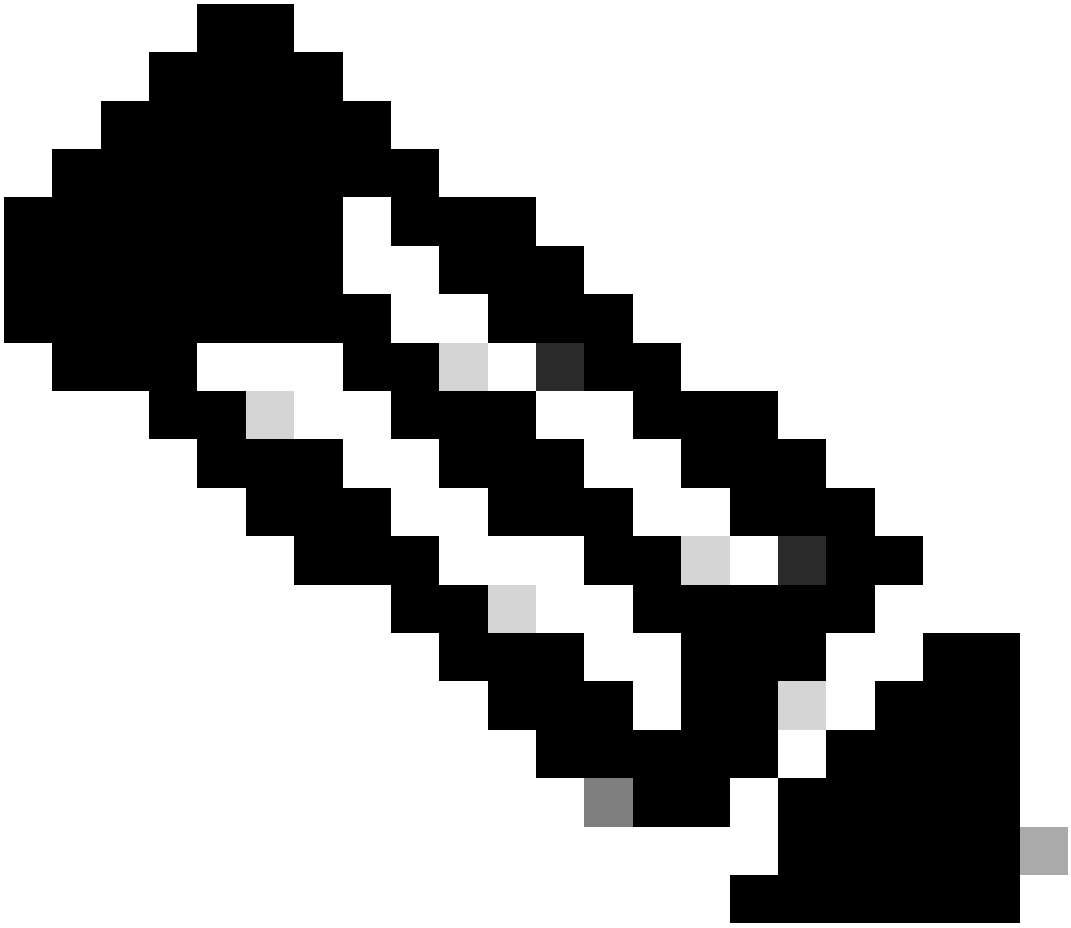


Note: In case of a distributed environment, you can have pxgrid persona running on two ISE nodes. The recommendation in a distributed environment is to run pxgrid persona on Non-Admin nodes.

Step 2: Enable RESTful Services (ERS) Read/Write:

In order to enable Representational State Transfer (REST) and Application Programming Interface (API) services on ISE, ERS Read/Write must be enabled under **Administration > System > Settings > ERS Settings > Enable ERS for Read/Write**, as shown in the image:





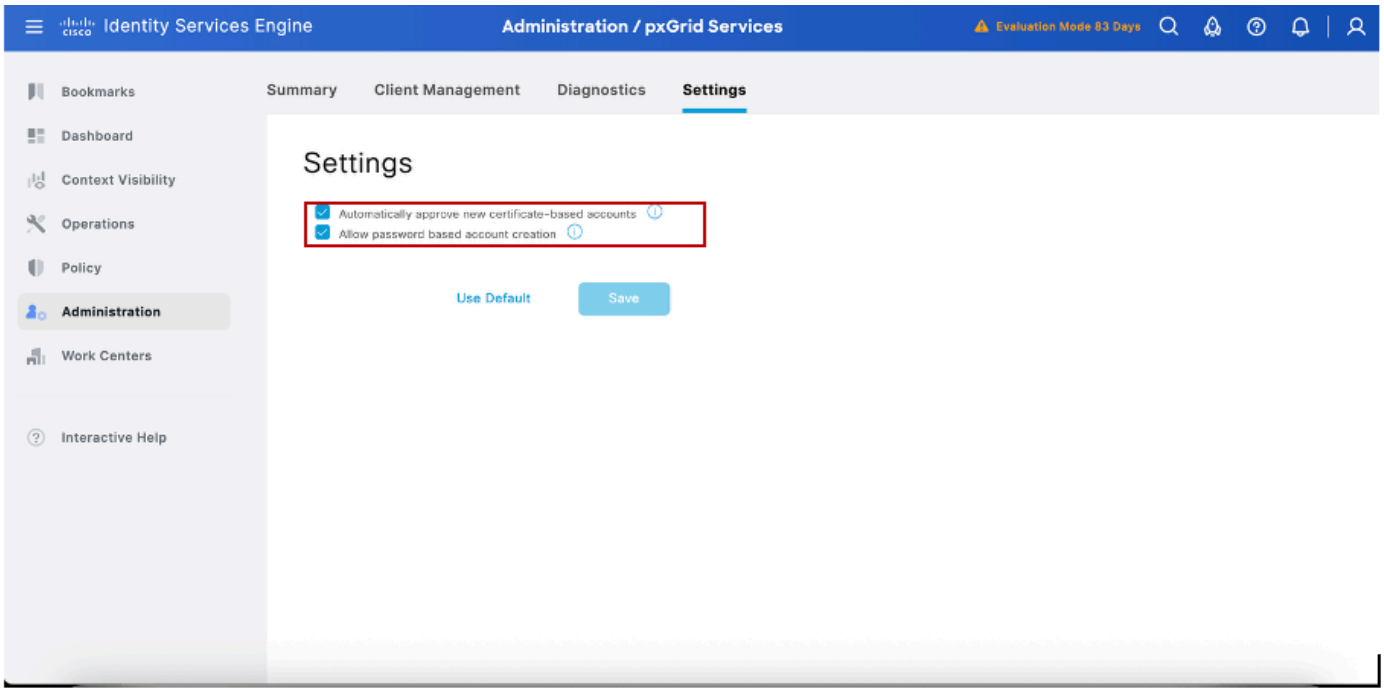
Note: In a distributed ISE environment, ensure the Enable ERS for Read is selected, otherwise, the ERS session can come up on primary admin but not on secondary.

Step 3: Make sure both settings are enabled as shown under **Administration > pxGrid Services > Settings**.

Enable **Automatically approve new certificate-based accounts**.

Enable **Allow password based account creation**.

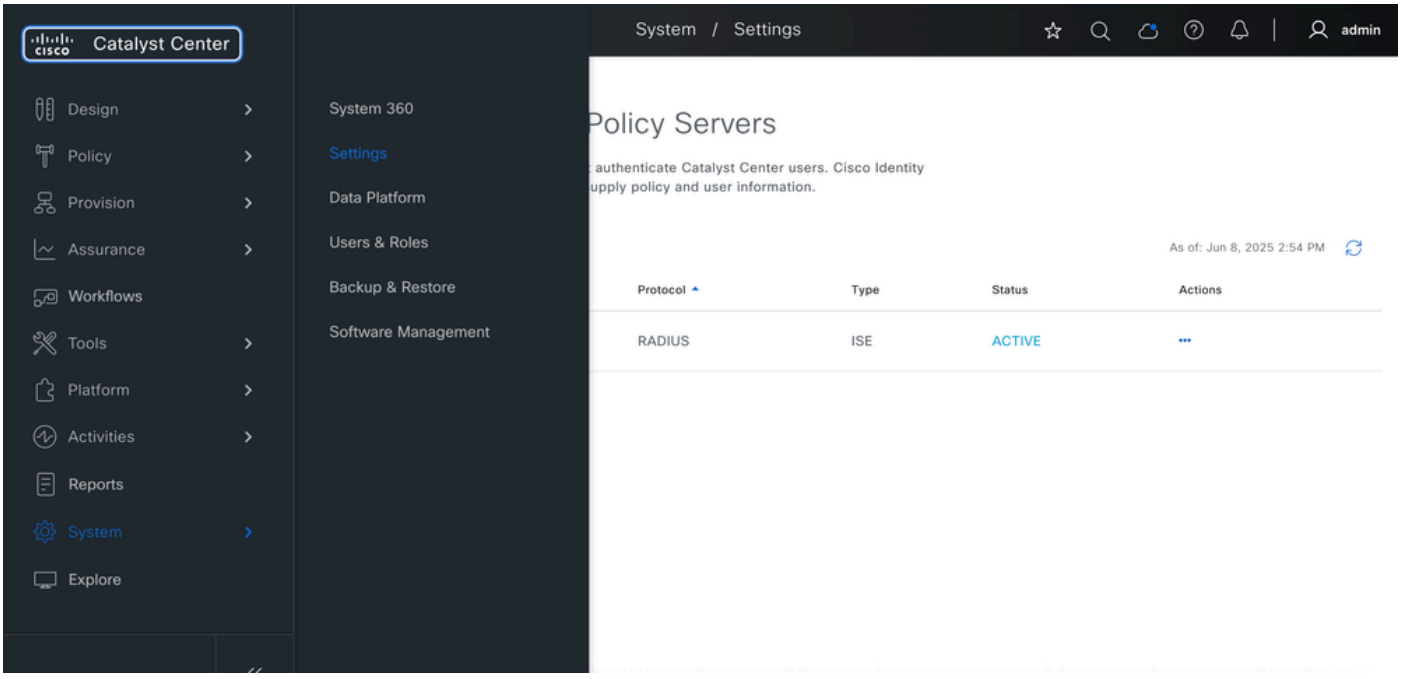
This allows pxGrid clients to be approved automatically.



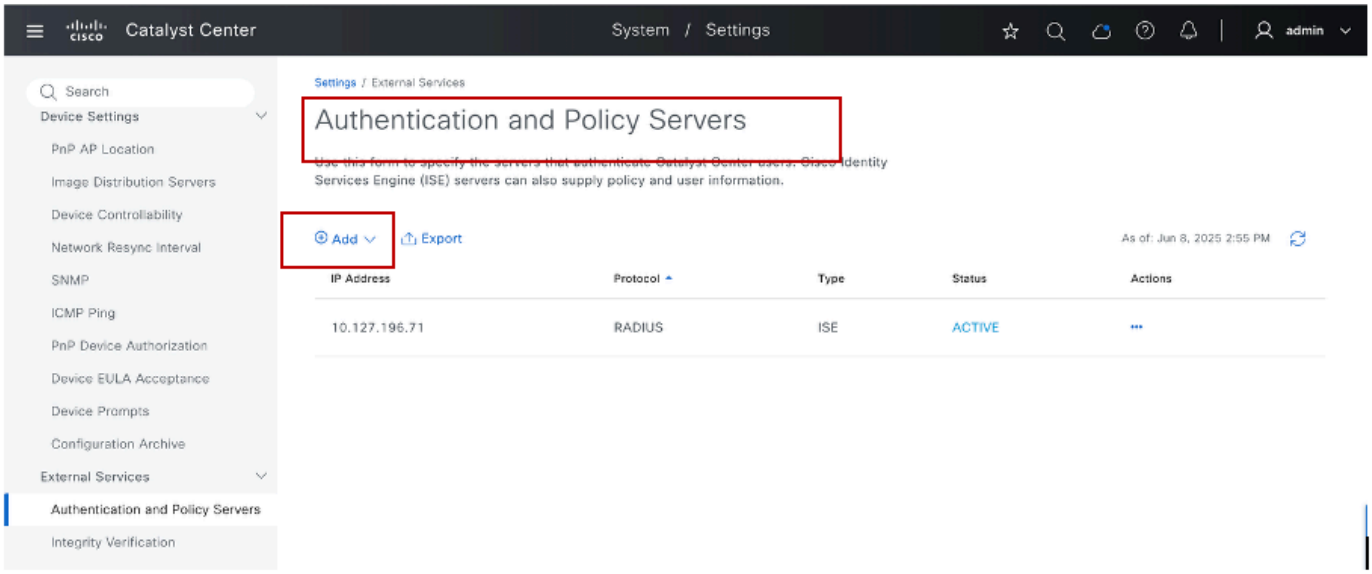
Cisco DNA Configuration

Step 1: Log in to Cisco DNAGUI.

Step 2: Navigate to **System Settings > Settings > Authentication** and Policy Servers.



Step 3: Click **Add**. From the drop down, select **ISE**:



Step 4: Add all the **details** as shown:

Server ip address: Ip address of ISE Primary Admin node.

Shared secret: This is the Radius shared secret for the switches when they are pushed to the ISE by Cisco DNA as network devices.

Username /Password: ISE admin Credentials.

FQDN: ISE Primary Admin node FQDN.

Subscriber name: This is the name shown under Pxgrid Services on ISE when Cisco DNA initiates a subscription request to ISE Pxgrid.

Edit ISE server

Server IP Address

10.127.196.71

Shared Secret

Username*

admin

Password*

FQDN*

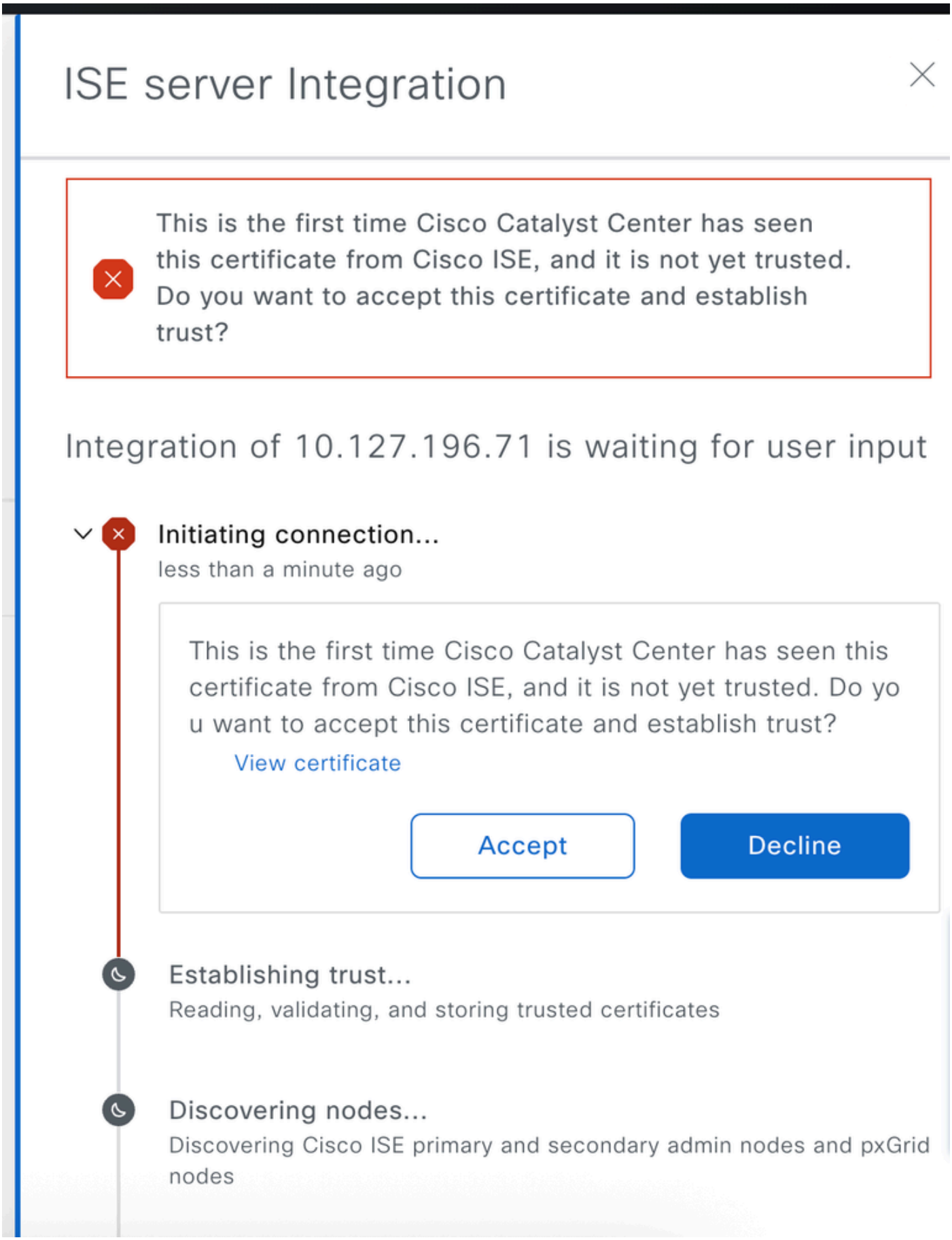
kavinise33ppan.[redacted]m

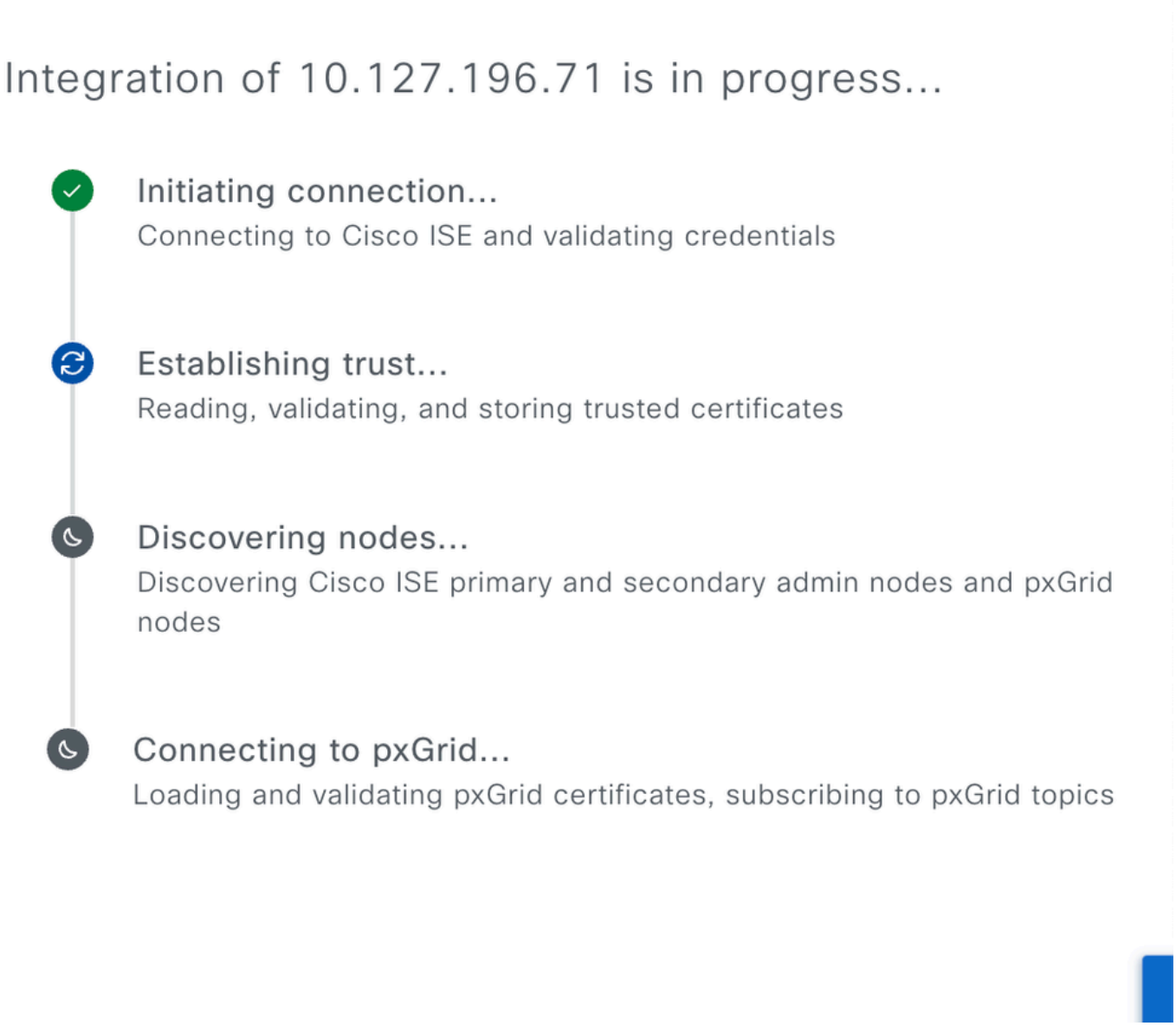
Subscriber Name

pxgrid_client_1749316904

Cancel

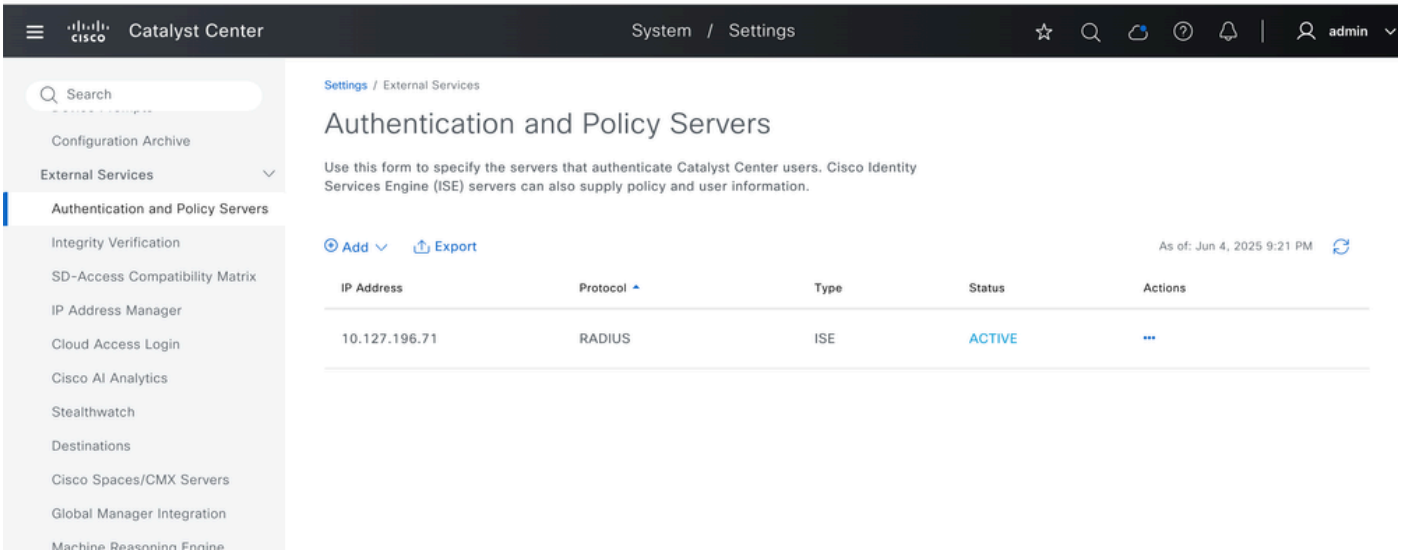
Save


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 yo u 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



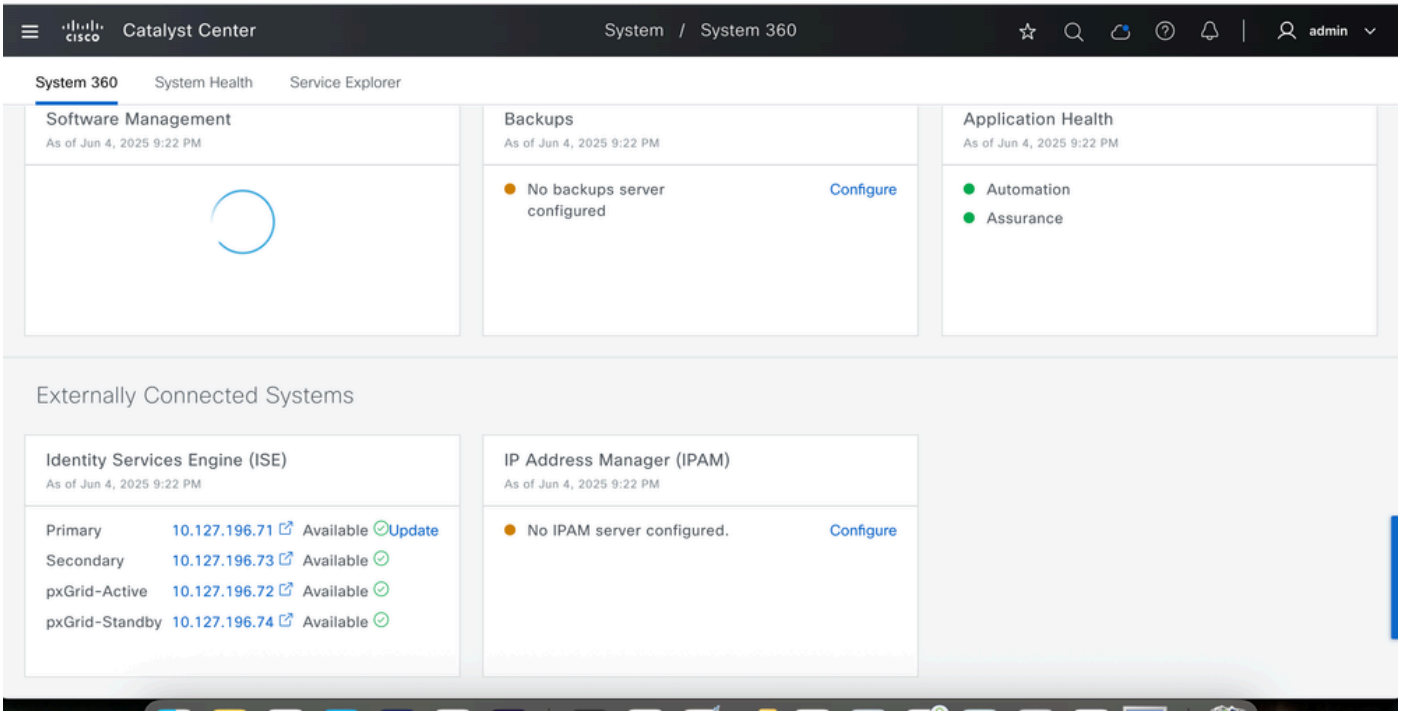
Verify

- Navigate to**System Settings > Settings > Authentication and Policy Servers**.
- ISE integration status would show as **Active**.



Navigate to **Settings >System 360**:

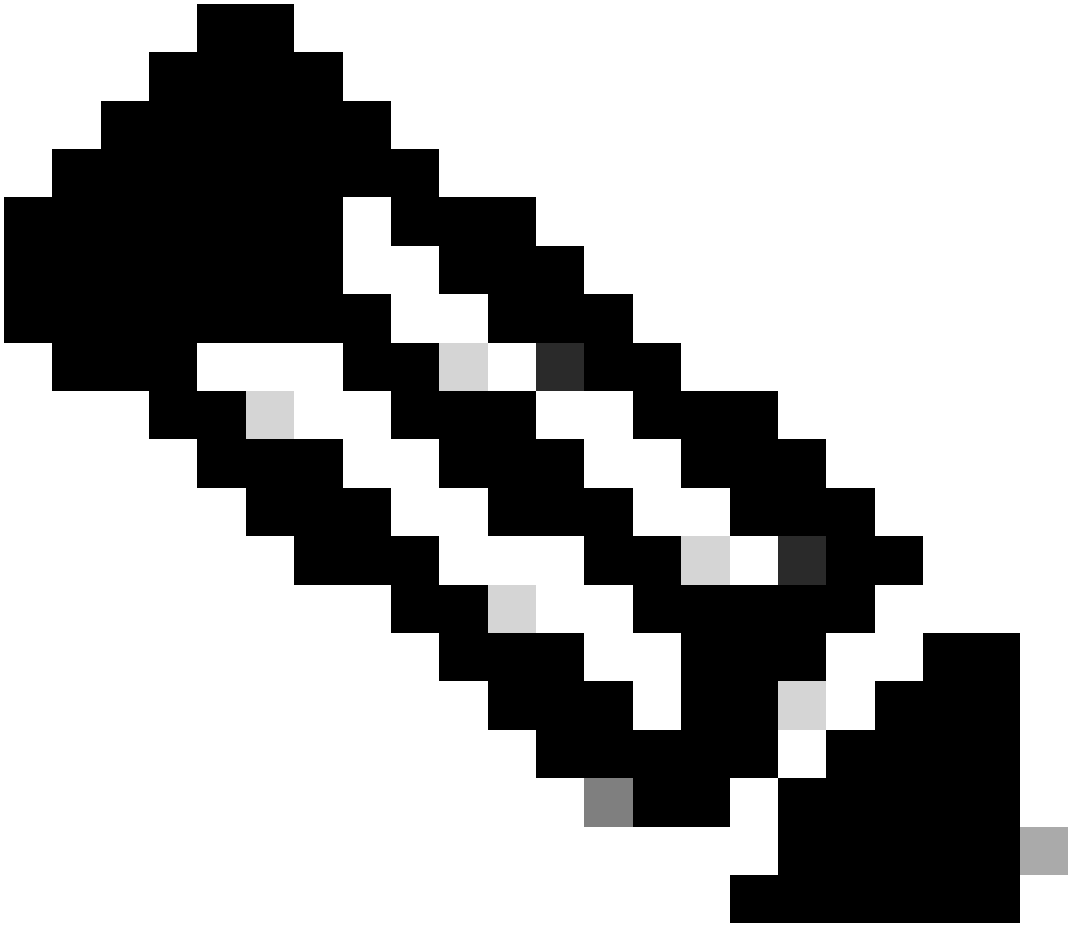
ISE servers show as **Available** under Externally Connected Systems as shown:



Troubleshoot

Set these components at debug level in ISE:

- **PxGrid**
- **Infrastructure**
- **Ers**



Note: Before you start Cisco DNA-ISE integration, tail the service logs with these commands:

The logs can be checked live on Cisco DNA CLI using these commands:

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

Section A: Flow of Log Messages on Cisco DNA for a Successful Integration

Step 1: Fetching ISE Credentials.

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

025-06-07 17:21:41,905 | INFO | essageListenerContainer-6 | | c.c.a.c.c.impl.AAARasClientImpl | AAARasClientImpl - create api. RBAC uuid - null | correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 | INFO | essageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager | ---------- | correlationId=1978f306-0857-

467d-b974-6444a163f742

2025-06-07 17:21:41,917 | INFO | essageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager | **Step: Fetching iseUsername, isePassword, iseHostIp, iseHostName,iseSshKey, apicEmIp, apicEmFqdn** | correlationId=1978f306-0857-467d-b974-6444a163f742

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

2025-06-07 17:21:41,917 | INFO | essageListenerContainer-6 | | c.c.a.c.s.trust.CiscoISEManager | Calling GO service for ISE trust CREATE | correlationId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 | INFO | essageListenerContainer-6 | | c.c.a.c.s.u.GoTrustEstablishmentUtil | Building API pyaload to call GO service for CREATE request of ISE with ip: 10.127.196.71 and hostname: l | correlationId=1978f306-0857-467d-b974-6444a163f742

Step 2: Certificate error awaiting acceptance whether the certificate is self signedand not trusted.

06/07 17:21:42 [DEBUG] **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 [DEBUG] **PUT** http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step

2025-06-07 17:21:44,730 | INFO | qtp480903748-238 | | c.c.a.c.s.c.IseIntegrationStatusController | Update ISE integration status Step for the StepName =**INITIATE_CONNECTION_TO_ISE** | correlationId=831c9c36-d534-415d-86d6-

2025-06-07 17:21:44,964 | ERROR | essageListenerContainer-6 | | c.c.a.c.s.h.CreateAaaMessageHandler | **Certificate waiting for user acceptance** {} | correlationId=1978f306-0857-467d-b974-6444a163f742

com.cisco.apicem.commonsettings.service.exception.CertificateWaitingUserAcceptanceException: {"i18n":{"code":"NCND80015"}}

at com.cisco.apicem.commonsettings.service.util.GoTrustEstablishmentUtil.callGoServiceForTrustProcessing(GoTrus ~[classes/:na]

at com.cisco.apicem.commonsettings.service.trust.CiscoISEManager.establishTrustWithPAN(CiscoISEManager.java:2 ~[classes/:na]

at com.cisco.apicem.commonsettings.service.trust.CiscoISEManager.establishTrust(CiscoISEManager.java:184) ~[classes/:na]

at com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRBACInvocation(CreateAaaM ~[classes/:na]

at com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRBACInvocation(CreateAaaM ~[classes/:na]

at com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRequest(CreateAaaMessageHa ~[classes/:na]

at com.cisco.grapevine.amqp.impl.GrapevineMessageListener.invokeHandler_aroundBody0(GrapevineMessageListen ~[message-queue-sdk-7.0.722.60901.jar:7.0.722.60901]

at com.cisco.grapevine.amqp.impl.GrapevineMessageListener$AjcClosure1.run(GrapevineMessageListener.java:1) ~[message-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]

at com.cisco.enc.i18n.localization.aop.EnableI18nOnRequestHandler.getEmptyResponse(EnableI18nOnRequestHandl ~[i18n-7.1.722.60901.jar:7.1.722.60901]

at com.cisco.grapevine.amqp.impl.GrapevineMessageListener.invokeHandler(GrapevineMessageListener.java:452) ~[message-queue-sdk-7.0.722.60901.jar:7.0.722.60901]

at com.cisco.grapevine.amqp.impl.GrapevineMessageListener.onMessage(GrapevineMessageListener.java:273) ~[message-queue-sdk-7.0.722.60901.jar:7.0.722.60901]

at org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.doInvokeListener(AbstractMessageLis ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.invokeListener(AbstractMessageListe ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access$001(SimpleMessageListenerCon ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer$1.invokeListener(SimpleMessageListen ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.invokeListener(SimpleMessageListener ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.executeListener(AbstractMessageListe ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.doReceiveAndExecute(SimpleMessage ~[spring-rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.receiveAndExecute(SimpleMessageLis
~[spring-rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access$1800(SimpleMessageListenerC
~[spring-rabbit-1.7.15.RELEASE.jar:na]

at
org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer$AsyncMessageProcessingConsumer.ru
~[spring-rabbit-1.7.15.RELEASE.jar:na]

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

2025-06-07 17:21:46,284 | INFO | qtp480903748-916 | | c.c.a.c.s.util.CommonSettingsUtil | Retrived DB value for MultiCisco DNAConfigurationTable = MultiCisco DNAConfigurationTable[clusterUuid=878771ce-8f93-44a5-82c9-3561e14c2d77,createTime=2024-08-23 14:18:11.381,inMultiCisco DNAMode=false,lastUpdatedTime=2024-08-23 14:18:11.381,multiCisco DNAFeatureEnabled=false,instanceUuid=7f606daa-ca05-472b-b45c-fe8dfead1717,instanceId=7007,authEntityId=7007,authEntityClass=1586401731,instanceTenantId=66c88fc4104bfb | correlationId=5888c4bb-f407-4771-97e6-e5c9a9e08746

Step 3: Certificate acceptance invoked.

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

2025-06-07 17:22:05,581 | INFO | essageListenerContainer-9 | | c.c.a.c.s.h.CreateAaaMessageHandler | **Entering user cert acknowledgment phase** | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

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

2025-06-07 17:22:05,605 | INFO | essageListenerContainer-9 | | c.c.a.c.s.trust.CiscoISEManager | **Step: Fetching iseUsername, isePassword, iseHostIp, iseHostName, iseSshKey, apicEmIp, apicEmFqdn** | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

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

2025-06-07 17:22:05,605 | INFO | essageListenerContainer-9 | | c.c.a.c.s.trust.CiscoISEManager | **Calling GO service for ISE trust CERT_ACCEPT** | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

2025-06-07 17:22:05,605 | INFO | essageListenerContainer-9 | | c.c.a.c.s.u.GoTrustEstablishmentUtil | Building API pyaload to call GO service for **CERT_ACCEPT request of ISE with ip: 10.127.196.71 and hostname:** | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

Step 4: Building Trust.

2025-06-07 17:22:06,365 | INFO | qtp480903748-246 | | c.c.a.c.s.c.IseIntegrationStatusController | Update ISE integration status Step for the StepName =**INITIATE_CONNECTION_TO_ISE** | correlationId=c1bfde32-4cec-4c9f-afab-06291f1bc437

2025-06-07 17:22:06,375 | INFO | qtp480903748-909 | | c.c.a.c.s.c.IseIntegrationStatusController | Update ISE integration status Step for the StepName =**ESTABLISHING_TRUST_WITH_ISE** |

correlationId=fbba646c-bdae-4554-8c70-0a5836f4c860

Step 5: Checking ISE ERS config.

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":"**Current ERS config on ISE** {XMLName:{Space: Local:ersConfig} ID:1 ISCSRF:false IsPAP:true IsPSNS:true}","packagename":"ISE Connection Manager"}

Step 6: Validating ISE version.

2025/06/07 17:22:07 [DEBUG] **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 version is {Version:3.3 Patch:0 PatchList:0}**","packagename":"ISE Connection Manager"}

Step 7: Fetching telemetry info.

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":"Telemetry ID 30d43265-1577-4e02-a10b-6b549099f544","packagename":"Utilities"}

{"asctime":"2025-06-07T17:22:10.161Z","correlationId":"","level":"info","msg":"**Check and enable openAPI on ISE nodes**","packagename":"ISE Connection Manager"}

Step 8: Fetching API status from ISE.

2025/06/07 17:22:10 [DEBUG] **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 is already enabled, {true true}","packagename":"ISE Connection Manager"}

Step 9: Trust establishment with ISE completed.

{"asctime":"2025-06-07T17:22:11.291Z","correlationId":"","level":"info","msg":"**Updating overall status to trusted**","packagename":"ISE Connection Manager"}

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":"Sending node status update to NDS. Payload {\"aaaServerId\":\"b745dd4f-2a22-47d8-a216-6a5a85f3ea69\",\"ciscoIseList\":[{\"ciscoIseId\":\"acc84e0a-cfdb-48a4-***2f56eafe5490\",\"description\":\"\",\"failureReason\":\"\",\"fqdn\":\"l\",\"ipAddress\":\"10.127.196.71\",\"op***

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

{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Node update status to NDS, **response code 200 OK",**"packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Sending certificates to NDS","packagename":"ISE Connection Manager"}

{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Adding {174874371759583623660899970 42 CREATE}","packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Sending node status update to NDS. Payload [{\"serialNumber\":\"174874371759583623660899970 42\",\"issuer\":\"CN=l\",\"operationType\":\"CREATE\"}]","

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

{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"**Node update status to NDS, response code 200 OK**","packagename":"ndsutil"}

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

{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"Sending request to NDS {\"StepName\":\"**ESTABLISHING_TRUST_WITH_ISE**\",\"StepStatus\":\"COMPLETE\"}","packagename":"nds

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

Step 10: Discovery of nodes in ISE deployment.

{"asctime":"2025-06-07T17:22:11.339Z","correlationId":"","level":"info","msg":"**Updating ISE Step DISCOVERING_NODES w**ith status IN_PROGRESS","packagename":"ndsutil"}

{"asctime":"2025-06-07T17:22:11.339Z","correlationId":"","level":"info","msg":"Sending request to NDS {\"StepName\":\"**DISCOVERING_NODES**\",\"StepStatus\":\"**IN_PROGRESS**\"}","packagename":"ndsutil"}

2025/06/07 17:22:11 [DEBUG] **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 [DEBUG] **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-2a22-47d8-a216-6a5a85f3ea69 Received 4 nodes from ISE","packagename":"ISE Connection Manager"}

{"asctime":"2025-06-07T17:22:12.512Z","correlationId":"","level":"info","msg":"**Adding Primary PAN node localise33ppan/10.127.196.71, role PRIMARY**","packagename":"ISE Connection Manager"}

de localise33ppan/10.127.196.71, role PRIMARY","packagename":"ISE Connection Manager"}

2025/06/07 17:22:12 [DEBUG] **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":"**Adding Secondary PAN node** i

{"asctime":"2025-06-07T17:22:13.612Z","correlationId":"","level":"info","msg":"**Adding MnT primary node**

2025/06/07 17:22:13 [DEBUG] **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":"Adding pxgrid node

2025/06/07 17:22:14 [DEBUG] **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":"Adding PSN node isepxgrid2025.localad.com/10.127.196.74","packagename":"ISE Connection Manager"}

2025/06/07 17:22:15 [DEBUG] **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":"**Adding PSN node l/10.127.196.71",**"packagename":"ISE Connection Manager"}

Step 11: Discovery of nodes Completed.

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":"Sending node status update to NDS. Payload {\"aaaServerId\":\"b745dd4f-2a22-47d8-a216-6a5a85f3ea69\",\"ciscoIseList\":[{\"ciscoIseId\":\"49523ddb-e1d5-c53d-1e20-01f8509a3c28\",\"description\":\"\",\"failureReason\":\"\",\"fqdn\":\\",\"ipAddress\":\"10.127.196.73\",\"operationTy

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

{"asctime":"2025-06-07T17:22:17.860Z","correlationId":"","level":"info","msg":"**Node update status to NDS, response code 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":"**Sending request to NDS {\"StepName\":\"DISCOVERING_NODES\",\"StepStatus\":\"COMPLETE\"}",**"packagename":"ndsutil"}

Step 12: Fetching of ISE Local certificates.

{"asctime":"2025-06-07T17:22:17.871Z","correlationId":"","level":"info","msg":"**GetCertChainForISERole** , role EAP and node l","packagename":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:17.871Z","correlationId":"","level":"info","msg":"**Fetching local certificates from ISE 10.127.196.71",**"packagename":"Certificate Manager"}

2025/06/07 17:22:17 [DEBUG] **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":"Building cert chain for leaf cert. Node=10.127.196.71;cname=","packagename":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:19.264Z","correlationId":"","level":"info","msg":"**Certificate is self-signed. Subject=CN and Issuer=CN, skip cert chain build","packagename":"Certificate Manager"}**

{"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":"**Successfully inserted into iseCerts",**"packagename":"DAL"}

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

Step 13: Pxgrid connection check.

{"asctime":"2025-06-07T17:22:19.336Z","correlationId":"","level":"info","msg":"**PxGrid is enabled",**"packagename":"ISE Connection Manager"}

{"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":"Sending request to NDS {\"StepName\":\"PXGRID_CONNECTION\",\"StepStatus\":\"IN_PROGRESS\"}","packagename":"ndsutil"}

2025/06/07 17:22:19 [DEBUG] **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":"**Fetching and building admin certificate chain for node 10.127.196.72",**"packagename":"Certificate Manager"}

{"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":"**Check if peer has**

provided complete certificate chain, chain length=4","packagename":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"**Build/update cert-chain for Node=10.127.196.72;cname="**,"packagename":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"Inserting to ise-bridge certpool. Issuer=CN=Certificate Services Node CA - localise33ppan; Subject=CN=Certificate Services Endpoint Sub CA - ise33seclocal; Serial Number=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":"Sending node status update to NDS. Payload {\"aaaServerId\":\"b745dd4f-2a22-47d8-a216-6a5a85f3ea69\",\"ciscoIseList\":[{\"ciscoIseId\":\"dad546ca-fe8f-28d9-a112-56ecade00239\",\"description\":\"\",\"failureReason\":\"\",\"fqdn\":\"\",\"ipAddress\":\"10.127.196.72\",\"operationT

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

{"asctime":"2025-06-07T17:22:20.936Z","correlationId":"","level":"info","msg":"**Node update status to NDS, response code 200 OK","packagename":"ndsutil"}**

Step 14: Certificate update.

{"asctime":"2025-06-07T17:22:22.585Z","correlationId":"","level":"info","msg":"Fetch endpoint certs from ISE , \u0026{CertTemplateName:pxGrid_Certificate_Template Format:PKCS8_CHAIN Password: CertificateRequest:{San:52:ad:88:67:42:58 Cn:admin_66c88fc4104bfb741d052de9}}","packagename":"PxGridClient"}

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

2025/06/07 17:22:22 [DEBUG] **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":"**Successfully inserted into iseCerts",**"packagename":"DAL"}

Step 15: Pxgrid Client activation.

{"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":"**Number of cert entries in client cert chain 1** ","packagename":"PxGridClient"}

2025/06/07 17:22:24 [DEBUG] **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 [DEBUG] **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":"Try to connect 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 Service URL: wss://10.127.196.72:8910/pxgrid/ise/pubsub",**"packagename":"PxGridClient"}

2025/06/07 17:22:26 [DEBUG] **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":"Trying to dial to 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 successfully",**"packagename":"ws-endpoint"}

2025/06/07 17:22:28 [DEBUG] **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":"Sending request to NDS {\"StepName\":\"PXGRID_CONNECTION\",\"StepStatus\":\"COMPLETE\"}","packagename":"ndsutil"}

2025/06/07 17:22:28 [DEBUG] **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

Step 16: Trustsec SGT download.

{"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":"**Trying bulk download of com.cisco.ise.config.trustsec using** https://10.127.196.71:8910/pxgrid/ise/config/trustsec/getSecurityGroups**","packagename":"PxGridClient"}**

2025/06/07 17:22:34 [DEBUG] **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 , for **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 is not registered for it yet, dont push to RMQ","packagename":"Subscribers"}**

{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"**Done subscribing to all the topics and completed bulk downloads","packagename":"ISE Connection Manager"}**

Section B: Flow of Log Messages on ISE (ISE PSC log)

Step 1: Fetching node details.

2025-06-07 22:45:22,788 INFO [ers-http-pool15][[]] cpm.ers.app.web.BasicAndTokenAuthenticator -::::- **Basic authentication successful. User: 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 --- RESULT 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 --- RESULT 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 --- RESULT com.cisco.cpm.ers.app.proxy.HostConfigProxy@73eb7edf

2025-06-07 22:45:22,802 INFO [ers-http-pool15][[]] cisco.cpm.ers.fw.CRUDService -::::- **The GET ALL resources request for resource type 'node' Completed Successfully**

Step 2: Version check on ISE.

2025-06-07 22:48:39,847 INFO [ers-http-pool15][[]] cpm.ers.app.web.BasicAndTokenAuthenticator -::::- Basic authentication successful. User: admin

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.CertificateAuthenticator -::::- Authentication is password based, skipping certificate-based authentication

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 => Continue with the ERS Request, The current bucket count is: 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

Step 3: Fetching telemetry info.

2025-06-07 22:48:41,371 INFO [ers-http-pool15][[]] cpm.ers.app.web.BasicAndTokenAuthenticator -::::- Basic authentication successful. User: admin

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.CertificateAuthenticator -::::- Authentication is password based, skipping certificate-based authentication

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 => Continue with the ERS Request, The current bucket count is: 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 -::::- Within GET ALL API

2025-06-07 22:48:41,377 INFO [ers-http-pool15][[]] cisco.cpm.ers.fw.CRUDService -::::- **The GET ALL resources request for resource type 'telemetryinfo' Completed Successfully**

Step 4: REST based requests are used by ISE to fetch information in the integration.

2025-06-07 22:49:00,957 INFO [ers-http-pool18][[]] cpm.ers.app.web.BasicAndTokenAuthenticator -::::- Basic authentication successful. User: 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 => Continue with the ERS Request, The current bucket count is: 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