

ISE 3.3 integreren met DNAC

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Inleiding

In dit document worden procedures beschreven voor de integratie van ISE 3.3 met Cisco DNA Center (DNAC) met behulp van pxGrid-verbindingen.

Voorwaarden

- ERS lees- en schrijftoegang.
- Geen proxyserver tussen ISE en Catalyst Center.
- PxGrid moet worden ingeschakeld op ISE.
- FQDN is vereist voor de integratie, niet alleen een IP-adres (certificaat).
- Als u gebruikmaakt van een door Enterprise uitgegeven certificaat, hebt u VIP + real ip nodig voor Catalyst Center Cluster.
- CLI-referenties op ISE worden niet langer gebruikt voor integratie, alleen API-gebaseerde toegang wordt ondersteund.
- IP bereikbaarheid is noodzakelijk.

Vereisten

Cisco raadt kennis van de volgende onderwerpen aan:

- Engine voor identiteitsdiensten 3.3
- Cisco DNA

Gebruikte componenten

De informatie in dit document is gebaseerd op de volgende software- en hardware-versies:

- Identity Services Engine versie 3.3
- Cisco DNA

De informatie in dit document is gebaseerd op de apparaten in een specifieke laboratoriumomgeving. Alle apparaten die in dit document worden beschreven, hadden een opgeschoonde (standaard)configuratie. Als uw netwerk live is, moet u zorgen dat u de potentiële impact van elke opdracht begrijpt.

Achtergrondinformatie

De SD-Access-oplossing wordt geleverd via een combinatie van Cisco Catalyst Center, de Cisco® Identity Services Engine (ISE) en bekabelde en draadloze apparaatplatforms met fabric-functionaliteit.

Automatisering, analyse, zichtbaarheid en beheer van het Cisco Catalyst Center is mogelijk gemaakt door Cisco Catalyst Center-software. SD-Access maakt deel uit van deze software en wordt gebruikt voor het ontwerpen, leveren, toepassen van beleid en het faciliteren van het creëren van een intelligent bekabeld en draadloos campusnetwerk met zekerheid.

ISE is een integraal onderdeel van SD-Access voor het implementeren van het beleid voor netwerktoegangscontrole. ISE voert beleidsimplementatie uit, waardoor gebruikers en apparaten dynamisch kunnen worden toegewezen aan schaalbare groepen en de handhaving van end-to-end beveiligingsbeleid wordt vereenvoudigd. Binnen ISE worden gebruikers en apparaten getoond in een eenvoudige en flexibele interface. ISE integreert met Cisco Catalyst Center door gebruik te maken van Cisco Platform Exchange Grid (pxGrid) en Representational State Transfer (REST) API's voor meldingen van eindpuntgebeurtenissen en automatisering van beleidsconfiguraties op ISE.

Het is van essentieel belang om te begrijpen dat Cisco Identity Services Engine (ISE) een essentieel onderdeel is van Cisco DNA Center. Het levert de belangrijkste intent-based services zoals:

1. AAA (RADIUS en TACACS+)
2. Zichtbaarheid van het netwerk
3. Onboarding van gebruiker en apparaat
4. Veiligheidsbeleid
5. Segmentering van macro- en microniveaus

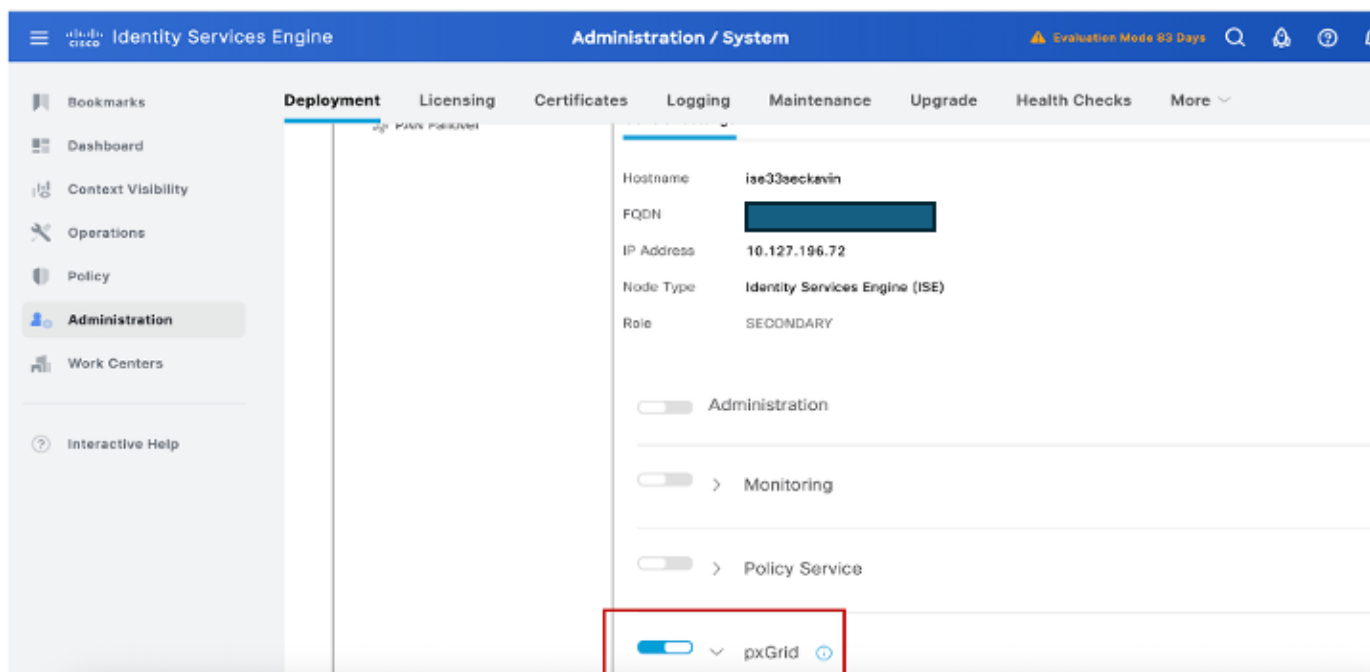
Om deze services te kunnen gebruiken, moet Cisco DNA Center worden geïntegreerd met ISE om een betrouwbare relatie tot stand te brengen. Deze handleiding bevat stapsgewijze instructies voor het voltooien van het integratieproces.

Configureren

ISE-configuratie

Stap 1: Pargrid moet ingeschakeld zijn op ISE.

De PxGrid-service moet zijn ingeschakeld onder Systeem > Implementatie > Knooppunt bewerken > PxGrid, zoals weergegeven in de afbeelding:





Opmerking: In het geval van een gedistribueerde omgeving kunt u parametrische persona uitvoeren op twee ISE-knooppunten. De aanbeveling in een gedistribueerde omgeving is om pxgrid persona uit te voeren op Non-Admin-knooppunten.

Stap 2: RESTful Services (ERS) inschakelen Lezen/schrijven:

Als u de services Representational State Transfer (REST) en Application Programming Interface (API) op ISE wilt inschakelen, moet ERS Lezen/Schrijven zijn ingeschakeld onder Beheer > Systeem > Instellingen > ERS-instellingen > ERS inschakelen voor Lezen/Schrijven, zoals in de afbeelding wordt weergegeven:

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

Posture

Profiling

Protocols

Endpoint Scripts

Proxy

SMTP Server

SMS Gateway

System Time

API Settings

Data Connect

Network Success Diagnostics

DHCP & DNS Services

Max Sessions

Light Data Distribution

Endpoint Replication

Interactive Help

API Settings

Overview

API Service Settings

API Gateway Settings

API Service Settings for Primary Administration Node

ERS (Read/Write)

Open API (Read/Write)

API Service Setting for All Other Nodes

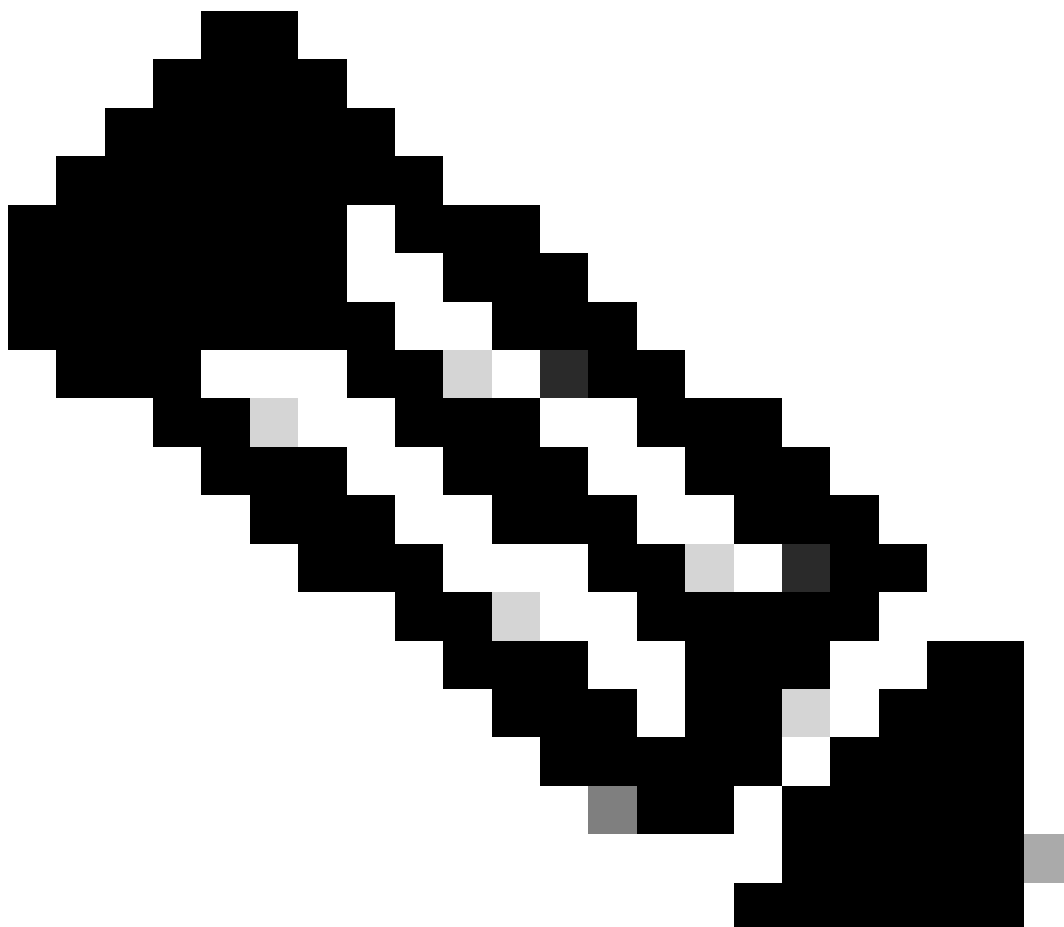
ERS (Read)

Open API (Read)

CSRF Check (only for ERS Settings)

Enable CSRF Check for Enhanced Security (Not compatible with pre ISE 2.3 Clients)

Disable CSRF For ERS Request (compatible with ERS clients older than ISE 2.3)



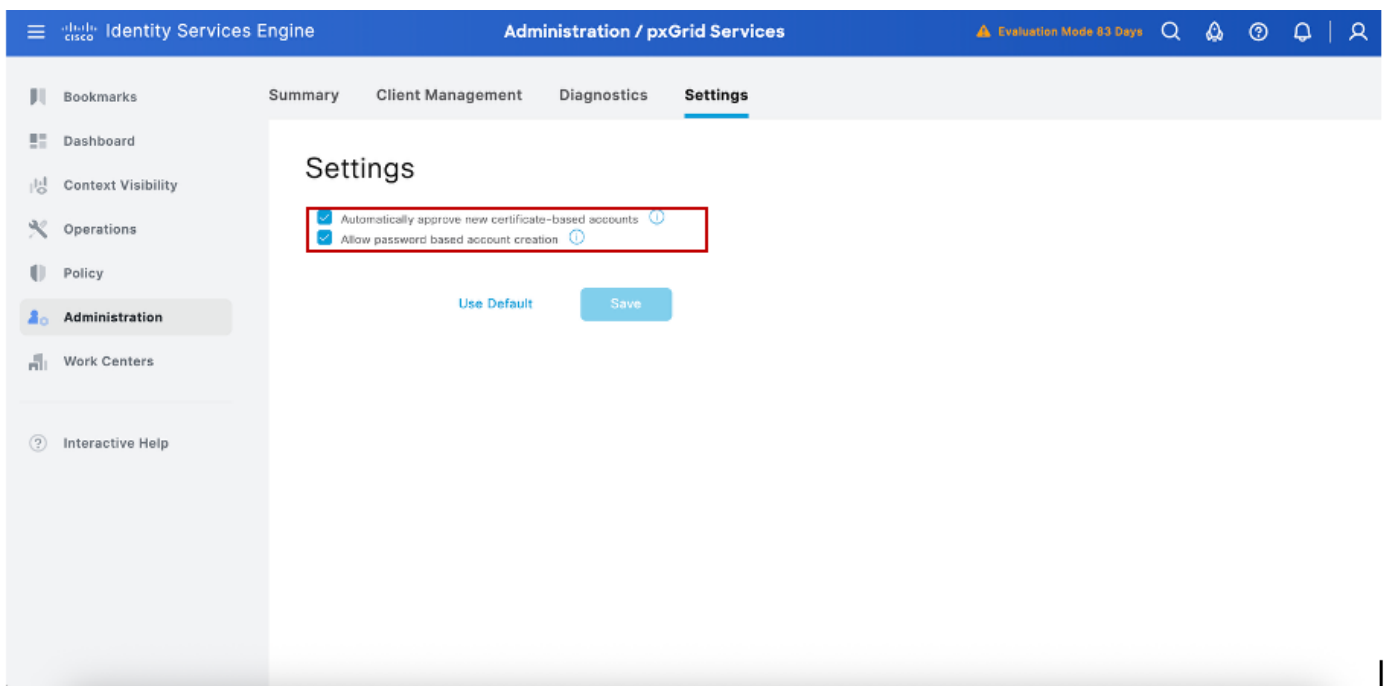
Opmerking: zorg ervoor dat in een gedistribueerde ISE-omgeving de optie ERS inschakelen voor lezen is geselecteerd, anders kan de ERS-sessie worden weergegeven op primaire beheerder, maar niet op secundaire.

Stap 3: Zorg ervoor dat beide instellingen zijn ingeschakeld, zoals getoond onder Beheer > pxGrid Services > Instellingen.

Nieuwe accounts op basis van certificaten automatisch goedkeuren inschakelen.

Aanmaken van accounts op basis van wachtwoord toestaan inschakelen.

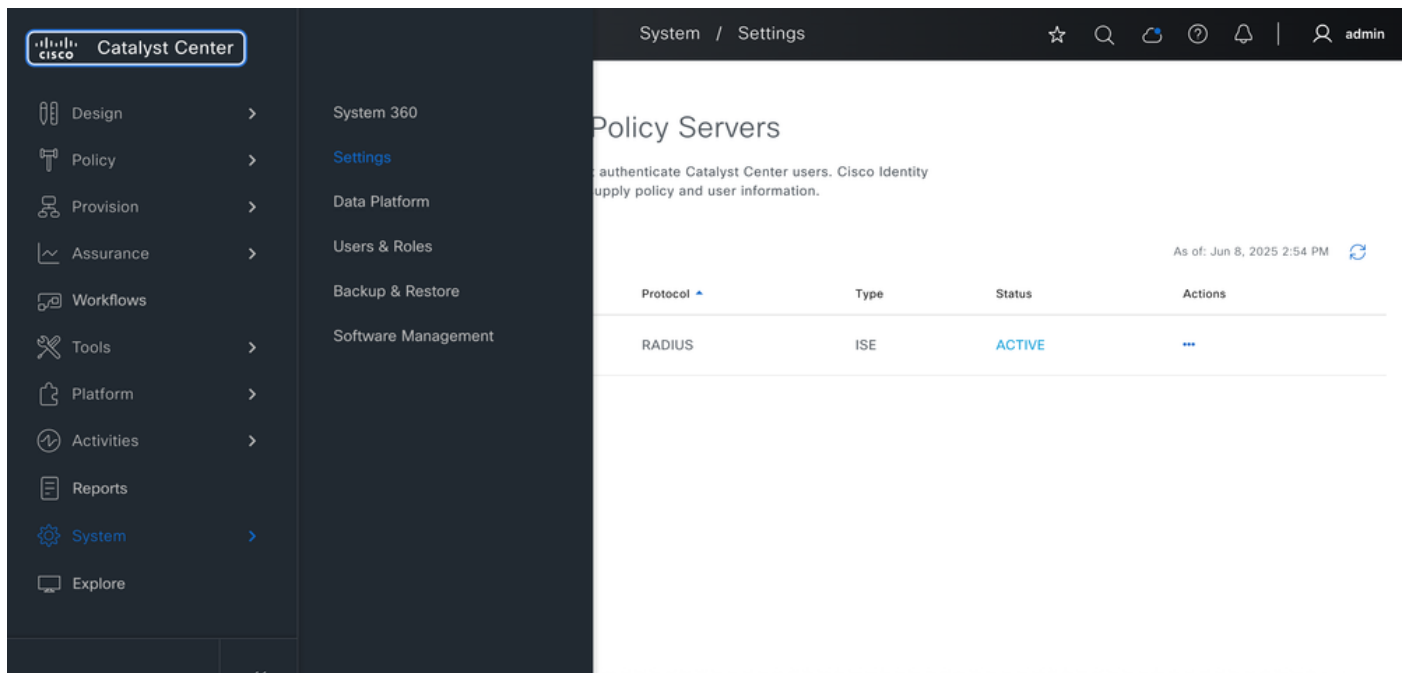
Hierdoor kunnen pxGrid-clients automatisch worden goedgekeurd.



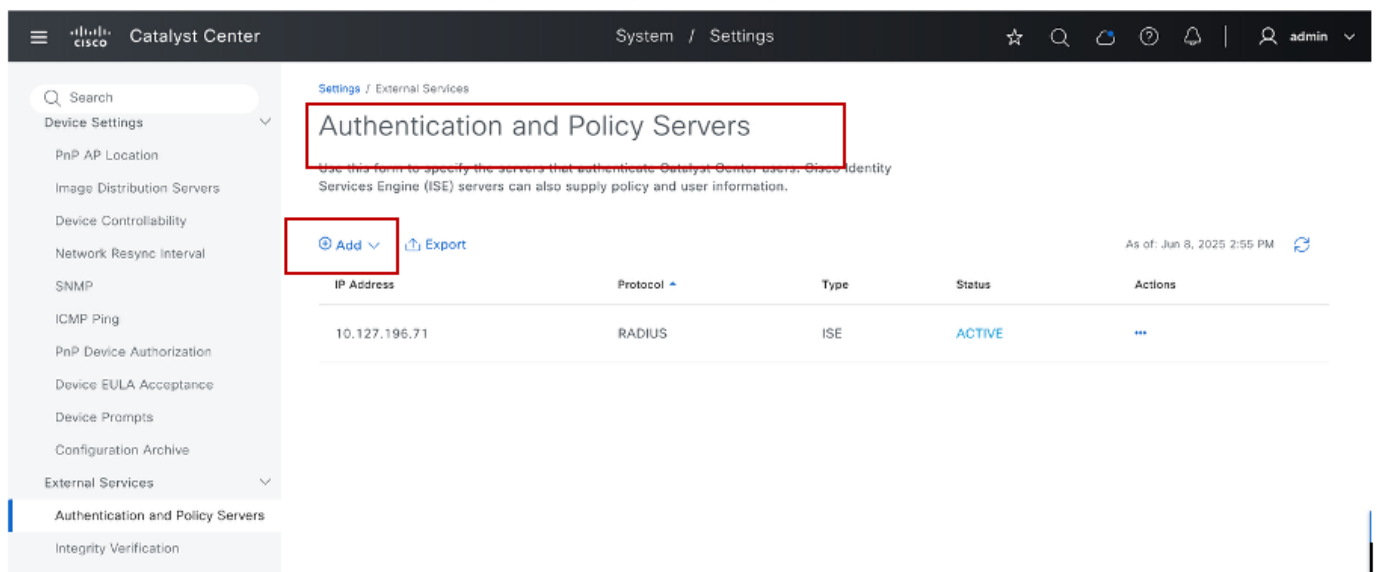
Cisco DNA-configuratie

Stap 1: Log in bij Cisco DNAGUI.

Stap 2: Navigeer naar Systeeminstellingen > Instellingen > Authenticatie- en beleidsservers.



Stap 3: Klik op Toevoegen. Selecteer in de vervolgkeuzelijst ISE:



Stap 4: Voeg alle details toe zoals getoond:

IP-adres van de server: IP-adres van de ISE Primary Admin-node.

Gedeeld geheim: Dit is het gedeelde geheim van Radius voor de switches wanneer ze door Cisco DNA als netwerkapparaten naar de ISE worden geduwd.

Gebruikersnaam /Wachtwoord: ISE admin Credentials.

FQDN: ISE Primary Admin node FQDN.

Naam van abonnee: Dit is de naam die wordt weergegeven onder Pargrid Services op ISE wanneer Cisco DNA een abonnementsaanvraag voor ISE Pargrid initieert.

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



Verifiëren

- Navigeer naar **Systeeminstellingen > Instellingen > Verificatie- en beleidsservers**.
- De ISE-integratiestatus wordt weergegeven als **Actief**.



Opmerking: Voordat u de Cisco DNA-ISE-integratie start, volgt u de servicelogboeken met de volgende opdrachten:

De logs kunnen live worden gecontroleerd op Cisco DNA CLI met behulp van de volgende opdrachten:

- MAGLEV\$ MAGCTL-servicelogboeken -RF ISE-Bridge
- Maglev\$ MAGCTL-servicelogboeken -RF-netwerkontwerp -C-netwerkontwerpservice

Sectie A: Stroom van logberichten op Cisco DNA voor een succesvolle integratie

Stap 1: ISE-referenties ophalen.

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 | MessageListenerContainer-6 | | 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 | MessageListenerContainer-6 | | c.a.c.s.trust.CiscoISEManager |

2025-06-07 17:21:41,917 | INFO | MessageListenerContainer-6 | | c.a.c.s.trust.CiscoISEManager |
Stap: EisenGebruikersnaam, isePassword, iseHostIp, iseHostName, iseSshKey, apicEmIp,
apicEmFqdn | correlatieId=1978f306-0857-467d-b974-6444a163f742

2025-06-07 17:21:41,917 | INFO | MessageListenerContainer-6 | | c.a.c.s.trust.CiscoISEManager |

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

2025-06-07 17:21:41,917 | INFO | MessageListenerContainer-6 | |
c.a.c.s.u.GoTrustEstablishmentUtil | Bouw API-payload om GO-service te bellen voor CREATE-
verzoek van ISE met ip: 10.127.196.71 en hostnaam: | | correlatieId=1978f306-0857-467d-b974-
6444a163f742

Stap 2: Fout in het certificaat in afwachting van acceptatie of het certificaat zelf is ondertekend en
niet vertrouwd.

06/07 17:21:42 [DEBUG] BERICHT [https://credentialmanager.maglev-
system.svc.cluster.local:443/api/v1/credentialmanager/decryption](https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption)

2025/06/07 17:21:42 [DEBUG] KRIJG <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](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.i.seIntegrationStatusController
| ISE-integratiestatus bijwerken Stap voor de StepName =INITIATE_CONNECTION_TO_ISE |
correlationId=831c9c36-d534-415d-86d6-

{ } 2025-06-07 17:21:44,964 | FOUT | MessageListenerContainer-6 | |
c.a.c.s.h.CreateAaaMessageHandler | Certificaat wachtend op acceptatie door
gebruiker|IDC=1978f306-0857-467d-b974-6444a163f742

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

op

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

```
    op
com.cisco.apicem.commonsettings.service.trust.CiscoISEManager.establishTrustWithPAN(CiscoISEManager.java:100)
~[classes/:na]

    op
com.cisco.apicem.commonsettings.service.trust.CiscoISEManager.establishTrust(CiscoISEManager.java:100)
~[classes/:na]

    op
com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRBACInvocation(CreateAaaMessageHandler.java:100)
~[classes/:na]

at com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRBACInvocation(CreateAaaMessageHandler.java:100)
~[classes/:na]

    op
com.cisco.apicem.commonsettings.service.handler.CreateAaaMessageHandler.handleRequest(CreateAaaMessageHandler.java:100)
~[classes/:na]

    at
com.cisco.grapevine.amqp.impl.GrapevineMessageListener.invokeHandler_aroundBody0(GrapevineMessageListener.java:100)
~[message-queue-sdk-7.0.722.60901.jar:7.0.722.60901]

    at
com.cisco.grapevine.amqp.impl.GrapevineMessageListener$AjcClosure1.run(GrapevineMessageListener.java:100)
~[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]

    op
com.cisco.enc.i18n.localization.aop.EnableI18nOnRequestHandler.getEmptyResponse(EnableI18nOnRequestHandler.java:100)
~[i18n-7.1.722.60901.jar:7.1.722.60901]

    op
com.cisco.grapevine.amqp.impl.GrapevineMessageListener.invokeHandler(GrapevineMessageListener.java:100)
~[message-queue-sdk-7.0.722.60901.jar:7.0.722.60901]

    op
com.cisco.grapevine.amqp.impl.GrapevineMessageListener.onMessage(GrapevineMessageListener.java:100)
~[message-queue-sdk-7.0.722.60901.jar:7.0.722.60901]

    at
org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.doInvokeListener(AbstractMessageListenerContainer.java:100)
~[spring-rabbit-1.7.15.RELEASE.jar:na]

    at
org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.invokeListener(AbstractMessageListenerContainer.java:100)
```

~[spring-rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access\$001(SimpleMessage

~[spring-rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer\$1.invokeListener(SimpleMes

~[spring-rabbit-1.7.15.RELEASE.jar:na]

op

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.invokeListener(SimpleMessa

~[spring-rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.AbstractMessageListenerContainer.executeListener(AbstractMe

~[spring-rabbit-1.7.15.RELEASE.jar:na]

op

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.doReceiveAndExecute(Simpl

~[spring-rabbit-1.7.15.RELEASE.jar:na]

op

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.receiveAndExecute(SimpleM

~[spring-rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer.access\$1800(SimpleMessag

~[spring-rabbit-1.7.15.RELEASE.jar:na]

at

org.springframework.amqp.rabbit.listener.SimpleMessageListenerContainer\$AsyncMessageProcessingCo

~[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 |

Opgehaald DB-waarde voor 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=66c88

deployPending=<DeployPendingEnum>, instanceCreatedOn=<Timestamp>,

instanceUpdatedOn=<Timestamp>, instanceVersion=1] | correlationId=5888c4bb-f407-4771-

97e6-e5c9a9e08746

Stap 3: Certificaatacceptatie ingeroepen.

17:22:05,574 | INFO | qtp480903748-909 | | c.a.c.s.controller.AAACcontroller | Inkomend cert

Aanvaard door gebruiker?: true | correlationId=8b73524a-a3b1-4ebd-9a-b70830d64c83

2025-06-07 17:22:05,581 | INFO | MessageListenerContainer-9 | |
c.a.c.s.h.CreateAaaMessageHandler | Invoeren gebruiker cert bevestigingsfase |
correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

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

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

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

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

2025-06-07 17:22:05,605 | INFO | MessageListenerContainer-9 | |
c.a.c.s.u.GoTrustEstablishmentUtil | Bouw API payload om GO-service te bellen voor
CERT_ACCEPT verzoek van ISE met ip: 10.127.196.71 en hostnaam: | correlationId=8b73524a-a3b1-4ebd-9d3a-b70830d64c83

Stap 4: Vertrouwen opbouwen.

2025-06-07 17:22:06,365 | INFO | qtp480903748-246 | | c.c.a.c.s.c.i.seIntegrationStatusController
| ISE-integratiestatus bijwerken Stap voor de 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 |
ISE-integratiestatus bijwerken Stap voor stapName =establishing_TRUST_WITH_ISE |
correlationId=fbba646c-bdae-4554-8c70-0a5836f4c860

Stap 5: Controle van de ISE-configuratie.

2025/06/07 17:22:06 [DEBUG] KRIJG
<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}","packageGename":"ISE Connection Manager"}
```

Stap 6: De ISE-versie valideren.

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

2025/06/07 17:22:07 [DEBUG] KRIJG <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"}
```

Stap 7: Informatie over telemetrie opvragen.

2025/06/07 17:22:09 [DEBUG] KRIJG <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":"OpenAPI op ISE-knooppunten controleren en inschakelen","packageGename":"ISE Connection Manager"}
```

Stap 8: API-status ophalen van ISE.

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

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

```
{"asctime":"2025-06-07T17:22:11.291Z","correlationId":"","level":"info","msg":"OpenAPI is al ingeschakeld, {true}","packageName":"ISE Connection Manager"}
```

Stap 9: Vertrouwensvestiging met ISE voltooid.

```
{"asctime":"2025-06-07T17:22:11.291Z","correlationId":"","level":"info","msg":"De algemene status bijwerken naar trusted","packageGename":"ISE Connection Manager"}
```

2025/06/07 17:22:11 [DEBUG] KRIJG <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":"Node status update verzenden naar NDS. nuttige lading {\"aaaServerId\":\"b745dd4f-2a22-47d8-a216-6a5a85f3ea69\", \"ciscoIseList\": [{\"ciscoIseId\":\"acc84e0a-cfdb-48a4-2f56eafe5490\", \"Type\":\"\", \"failureReason\":\"\", \"27.196.71\", \"iseConnectionType\":\"TRUST\"}], \"packageName\":\"ndsutil\"}
```

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 naar NDS, response code 200 OK","package gename":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Certificaten
```

verzenden naar NDS", "pakketnaam": "ISE Connection Manager"}

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

{"asctime":"2025-06-07T17:22:11.319Z","correlationId":"","level":"info","msg":"Node status update
verzenden naar NDS. Payload

```
{{"serialNumber\\":"17487437175958362366089997042\\","issuer\\":"CN=\\","operationType\\":"CREATE\\"}}
```

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

{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"Status node update
naar NDS, responscode 200 OK","packageGename":"ndsutil"}

{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"ISE-stap bijwerken
tot vaststelling van TRUST_WITH_ISE met status COMPLEET","packageName":"ndsutil"}

{"asctime":"2025-06-07T17:22:11.329Z","correlationId":"","level":"info","msg":"Verzendverzoek
naar NDS

```
{"StepName\\":"establishing_TRUST_WITH_ISE\\","StepStatus\\":"COMPLETE\\"},"packageName":"ndsutil"}
```

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

Stap 10: Ontdekking van knooppunten in ISE-implementatie.

{"asctime":"2025-06-07T17:22:11.339Z","correlationId":"","level":"info","msg":"ISE Step
DISCOVERING_NODES bijwerken met status IN_PROGRESS","packageGename":"ndsutil"}

{"asctime":"2025-06-07T17:22:11.339Z","correlationId":"","level":"info","msg":"Verzendverzoek
naar 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](http://network-design-service.fusion.svc.cluster.local:32765/iseIntegrationStatus/Step)

{"asctime":"2025-06-07T17:22:11.348Z","correlationId":"","level":"info","msg":"Geplaatst ISE
integratie Stap naar NDS, http response code=200","package gename":"ndsutil"}

2025/06/07 17:22:11 [DEBUG] BERICHT [https://credentialmanager.maglev-
system.svc.cluster.local:443/api/v1/credentialmanager/decryption](https://credentialmanager.maglev-system.svc.cluster.local:443/api/v1/credentialmanager/decryption)

2025/06/07 17:22:11 [DEBUG] KRIJG <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 Ontvangen 4 knooppunten van ISE", "packageName": "ISE
Connection Manager"}

{"asctime":"2025-06-07T17:22:12.512Z","correlationId":"","level":"info","msg":"Primary PAN node localize33ppan/10.127.196.71, role PRIMARY","packageGename":"ISE Connection Manager"}

de localize33ppan/10.127.196.71, rol "PRIMAIR", "pakketnaam": "ISE Connection Manager"}

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

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

{"asctime":"2025-06-07T17:22:13.612Z","correlationId":"","level":"info","msg":"Secundair PAN-knooppunt toevoegen i

{"asctime":"2025-06-07T17:22:13.612Z","correlationId":"","level":"info","msg":"MnT primaire node toevoegen

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

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

{"asctime":"2025-06-07T17:22:14.737Z","correlationId":"","level":"info","msg":"Pargrid node toevoegen

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

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

{"asctime":"2025-06-07T17:22:15.863Z","correlationId":"","level":"info","msg":"PSN node toevoegen isepxgrid2025.localad.com/10.127.196.74","packageGename":"ISE Connection Manager"}

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

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

{"asctime":"2025-06-07T17:22:17.047Z","correlationId":"","level":"info","msg":"PSN-knooppunt toevoegen l/10.127.196.71","packageGename":"ISE Connection Manager"}

Stap 11: Ontdekking van knooppunten voltooid.

2025/06/07 17:22:17 [DEBUG] KRIJG <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":"Node status update verzenden naar NDS. nuttige lading {\\"aaaServerId\\":\\"b745dd4f-2a22-47d8-a216-6a5a85f3ea69\\",\\"ciscollseList\\":[{\\"ciscollseId\\":\\"49523ddb-e1d5-c53d-1e20-01f8509a3c28\\",\\"description\\":\\"\\",\\"Reden\\":\\"10.127.196.71\\",\\"iseConnectionType\\":\\"TRUST\\"}],\\"packageName\\":\\"ndsutil\\"}
```

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":"Status node update naar NDS, responscode 200 OK","packageName":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:17.860Z","correlationId":"","level":"info","msg":"ISE Step DISCOVERING_NODES bijwerken met status VOLTOOID","packageName":"ndsutil"}
```

```
{"asctime":"2025-06-07T17:22:17.860Z","correlationId":"","level":"info","msg":"Verzoek verzenden naar NDS
```

```
\{"StepName\\":\\"DISCOVERING_NODES\\",\\"StepStatus\\":\\"COMPLETE\\"}","packageName":"ndsutil"}
```

Stap 12: Het ophalen van ISE Local certificaten.

```
{"asctime":"2025-06-07T17:22:17.871Z","correlationId":"","level":"info","msg":"GetCertChainForISERole, rol EAP en knooppunt I","packageName":"Certificate Manager"}
```

```
{"asctime":"2025-06-07T17:22:17.871Z","correlationId":"","level":"info","msg":"Lokale certificaten ophalen van ISE 10.127.196.71","pakketnaam":"Certificaatbeheerder"}
```

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

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

```
{"asctime":"2025-06-07T17:22:19.264Z","correlationId":"","level":"info","msg":"Geheime keten bouwen voor bladcert. Node=10.127.196.71; cname="",\\"packageName\\":\\"Certificate Manager\\"}
```

```
{"asctime":"2025-06-07T17:22:19.264Z","correlationId":"","level":"info","msg":"Certificaat is zelf ondertekend. Subject=CN en Issuer=CN, \\"cert chain build\\" overslaan, \\"package name\\":\\"Certificate Manager\\"}
```

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

```
{"asctime":"2025-06-07T17:22:19.276Z","correlationId":"","level":"info","msg":"Succesvol ingevoegd in iseCerts","packageName":"DAL"}
```

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

Stap 13: Controle van de verbinding met het parametrisch systeem.

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

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

{"asctime":"2025-06-07T17:22:19.336Z","correlationId":"","level":"info","msg":"Verzendverzoek naar 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":"Geplaatst ISE integratie Stap naar NDS, http response code=200","packageName":"ndsutil"}

{"asctime":"2025-06-07T17:22:19.349Z","correlationId":"","level":"info","msg":"Certificaatketen ophalen en bouwen voor node 10.127.196.72","pakketnaam":"Certificaatbeheerder"}

{"asctime":"2025-06-07T17:22:19.349Z","correlationId":"","level":"info","msg":"Servercertificaat ophalen voor 10.127.196.72","pakketnaam":"Certificaatbeheerder"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"opgehaalde servercert-keten voor 10.127.196.72, kettinglengte 4","pakketnaam":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"Controleer of peer een volledige certificaatketen heeft geleverd, kettinglengte=4","pakketnaam":"Certificaatbeheerder"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"Bouw/update cert-chain voor Node=10.127.196.72;cname=","package-naam":"Certificate Manager"}

{"asctime":"2025-06-07T17:22:20.907Z","correlationId":"","level":"info","msg":"Invoegen in ise-bridge certpool. Issuer=CN=Certificate Services Node CA - localize33ppan; Subject=CN=Certificate Services Endpoint Sub CA - ise33seclocal; Serienummer=336164adf99b4663b51c7d8787b671e2","packageName":"Certificate Manager"}

2025/06/07 17:22:20 [DEBUG] KRIJG <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":"Node status update verzenden naar NDS. nuttige lading {\"aaaServerId\\\":\"b745dd4f-2a22-47d8-a216-6a5a85f3ea69\\\", \"ciscoIseList\\\": [{\"ciscoIseId\\\":\"dad546ca-fe8f-28d9-a112-56ecade0239\\\", \"Type\\\":\"\\\"\\\"\\\"failureReason\\\"\" 0.127.196.71\\\", \"iseConnectionType\\\":\"TRUST\\\"}], \"packageName\":\"ndsutil\"}

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":"Update status knooppunt naar NDS, response code 200 OK","PackageName":"ndsutil"}
```

Stap 14: Update van het certificaat.

```
{"asctime":"2025-06-07T17:22:22.585Z","correlationId":"","level":"info","msg":"Eindpunt certs ophalen van 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] BERICHT <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":"Invoegen in iseCerts","packagename":"DAL"}
```

```
{"asctime":"2025-06-07T17:22:24.072Z","correlationId":"","level":"info","msg":"Succesvol ingevoegd in iseCerts","packageName":"DAL"}
```

Stap 15: Activering van de parametrische client.

```
{"asctime":"2025-06-07T17:22:24.074Z","correlationId":"","level":"info","msg":"PrivateKey van endpoint certs succesvol geladen","packageName":"PxGridClient"}
```

```
{"asctime":"2025-06-07T17:22:24.074Z","correlationId":"","level":"info","msg":"Aantal bepaalde meldingen in client cert chain 1","packageName":"PxGridClient"}
```

2025/06/07 17:22:24 [DEBUG] BERICHT <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","packageGename":"PxGridClient"}
```

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

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

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

```
{"asctime":"2025-06-07T17:22:26.311Z","correlationId":"","level":"info","msg":"Probeer pubsub-service \u0026 te verbinden{Name:com.cisco.ise.pubsub NodeName:~ise-pubsub-ise33seclocal Properties:map[wsUrl:wss://:8910/pxgrid/ise/pubsub]}","packageGename":"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] BERICHT <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>","packageGename":"PxGridClient"}

{"asctime":"2025-06-07T17:22:27.461Z","correlationId":"","level":"info","msg":"Proberen te bellen naar wsurl wss://10.127.196.72:8910/pxgrid/ise/pubsub","packageName":"ws-endpoint"}

{"asctime":"2025-06-07T17:22:28.479Z","correlationId":"","level":"info","msg":"Succesvol verbonden met wss://10.127.196.72:8910/pxgrid/ise/pubsub","pakketnaam":"ws-endpoint"}

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

{"asctime":"2025-06-07T17:22:28.479Z","correlationId":"","level":"info","msg":"Instellen als actieve pagradnode","packageGename":"PxGridClient"}

{"asctime":"2025-06-07T17:22:28.533Z","correlationId":"","level":"info","msg":"ISE Step PXGRID_CONNECTION bijwerken met status COMPLEET","packageName":"ndsutil"}

{"asctime":"2025-06-07T17:22:28.533Z","correlationId":"","level":"info","msg":"Verzendverzoek naar 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] KRIJG <http://network-design-service.fusion.svc.cluster.local:32765/aaaStatusInfo/b745dd4f-2a22-47d8-a216-6a5a85f3ea69>

Stap 16: Trustsec SGT download.

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

{"asctime":"2025-06-07T17:22:34.371Z","correlationId":"","level":"info","msg":"Bulkdownload URL's: [<https://10.127.196.71:8910/pxgrid/ise/config/trustsec>]","packageGename":"PxGridClient"}

{"asctime":"2025-06-07T17:22:34.371Z","correlationId":"","level":"info","msg":"Bulksgewijs downloaden van com.cisco.ise.config.trustsec met behulp van
<https://10.127.196.71:8910/pxgrid/ise/config/trustsec/getSecurityGroups>","packagename":"PxGridClient"}

2025/06/07 17:22:34 [DEBUG] BERICHT
<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",  
voor 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":"Beveiligingsgroepcache  
bijwerken","pakketnaam":"cache"}
```

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"SG bulkdownload  
data, ACA is er nog niet voor geregistreerd, niet doorsturen naar RMQ","package  
name":"Subscribers"}
```

```
{"asctime":"2025-06-07T17:22:35.424Z","correlationId":"","level":"info","msg":"Klaar met  
abonneren op alle onderwerpen en voltooide bulkdownloads","packageName":"ISE Connection  
Manager"}
```

Deel B: Stroom van logberichten op ISE (ISE PSC-log)

Stap 1: details van knooppunten ophalen.

```
2025-06-07 22:45:22,788 INFO [ers-http-pool15][[]] cpm.ers.app.web.BasicAndTokenAuthenticator -:: - Basisverificatie geslaagd. Gebruiker: 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 --- RESULTAAT 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 --- RESULTAAT 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 --- RESULTAAT 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 --- RESULTAAT com.cisco.cpm.ers.app.proxy.HostConfigProxy@73eb7edf

2025-06-07 22:45:22,802 INFO [ers-http-pool15][[]] cisco.cpm.ers.fw.CRUDService -:::- De
aanvraag GET ALL resources voor brontype 'node' succesvol afgerond

Stap 2: Versiecontrole op ISE.

2025-06-07 22:48:39,847 INFO [ers-http-pool15][[]]

cpm.ers.app.web.BasicAndTokenAuthenticator -::: - Basisverificatie geslaagd. Gebruiker: admin

2025-06-07 22:48:39,848 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.CertificateAuthenticator -
::-- Authenticatie is gebaseerd op een wachtwoord, waarbij verificatie op basis van een certificaat
wordt overgeslagen

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 => Doorgaan met het ERS-verzoek, Het huidige aantal emmers 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

Stap 3: Informatie over telemetrie opvragen.

2025-06-07 22:48:41,371 INFO [ers-http-pool15][[]]
cpm.ers.app.web.BasicAndTokenAuthenticator -: - Basisverificatie geslaagd. Gebruiker: admin

2025-06-07 22:48:41,371 DEBUG [ers-http-pool15][[]] cpm.ers.app.web.CertificateAuthenticator -
::-- Authenticatie is gebaseerd op een wachtwoord en slaat verificatie op basis van een certificaat
over

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 => Doorgaan met het ERS-verzoek, Het huidige aantal emmers 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 -::: - Binnen GET ALL API

2025-06-07 22:48:41,377 INFO [ers-http-pool15][[]] cisco.cpm.ers.fw.CRUDService -::: - Het
verzoek OM ALLE bronnen te krijgen voor brontype 'telemetryinfo' succesvol afgerond

Stap 4: Op REST gebaseerde verzoeken worden door ISE gebruikt om informatie op te halen in
de integratie.

2025-06-07 22:49:00,957 INFO [ers-http-pool18][[]]
cpm.ers.app.web.BasicAndTokenAuthenticator -::: - Basisverificatie geslaagd. Gebruiker: 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](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 => Doorgaan met het ERS-verzoek, Het huidige aantal emmers 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](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

Over deze vertaling

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