

Aanbieding OrgInfo.json en AnyConnect via ISE voor Umbrella

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Inleiding

In dit document wordt beschreven hoe u het profiel OrgInfo.json en de AnyConnect-client kunt inrichten met Identity Services Engine (ISE) voor overkoepelende integratie.

Voorwaarden

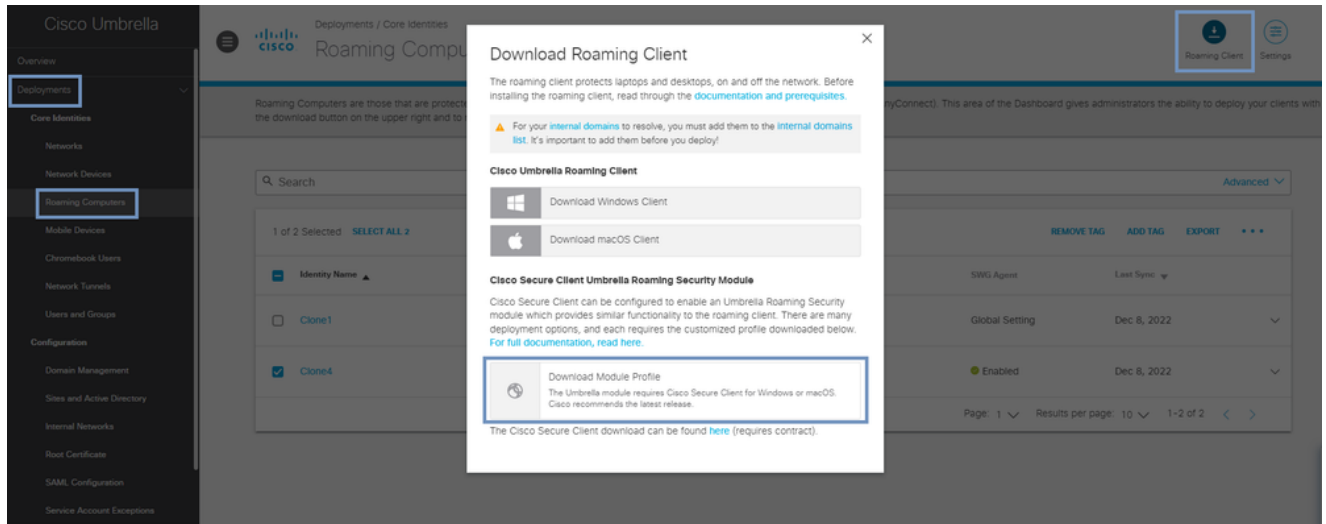
- Toegang tot het Umbrella dashboard
- Toegang tot het ISE-dashboard
- Umbrella Module Profiel (OrgInfo.json)
- Implementatiepakket AnyConnect Headend (Windows of MacOS)
- ISE Posture Compliance Library (Windows of macOS)
- Nieuwste ISE-patch geïnstalleerd (om Cisco-bug-ID [CSCvz01485](#) te voorkomen.)

Niet gedekt:

- ISE-verificatie- en autorisatiebeleid
- ISE-portaal voor clientprovisioning en clientomleiding

Vorbereidingsstappen

1. Open het Umbrella-dashboard en download het Umbrella Module-profiel (OrgInfo.json) van Deployment > Roaming Computers > Download > Download Module-profiel.



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- Download het AnyConnect Headend Deployment Package van de downloadpagina voor Cisco-software en selecteer de versie die geschikt is voor uw implementatie.

AnyConnect Headend Deployment Package (Windows) 26-Jan-2023
 anyconnect-win-4.10.06090-webdeploy-k9.pkg
[Advisories](#)

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AnyConnect Headend Deployment Package (Mac OS) 26-Jan-2023
 anyconnect-macos-4.10.06090-webdeploy-k9.pkg
[Advisories](#)

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- Download de ISE Posture Compliance Library van de downloadpagina voor Cisco-software en selecteer de versie die geschikt is voor uw implementatie.

ISE Posture Compliance Library - Windows / Head-end 30-Jan-2023
 deployment (PKG). This image can be used with AnyConnect
 version 4.3 and later along with ISE 2.1 and later. Cisco Secure
 Client 5.x along with ISE 2.7 and later.
 cisco-secure-client-win-4.3.3335.6146-isecompliance-webdeploy-k9.pkg
[Advisories](#)

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ISE Posture Compliance Library - Mac OS X / Head-end deployment (PKG). This image can be used with AnyConnect version 4.3 and later along with ISE 2.1 and later. Cisco Secure Client 5.x along with ISE 2.7 and later.

30-Jan-2023

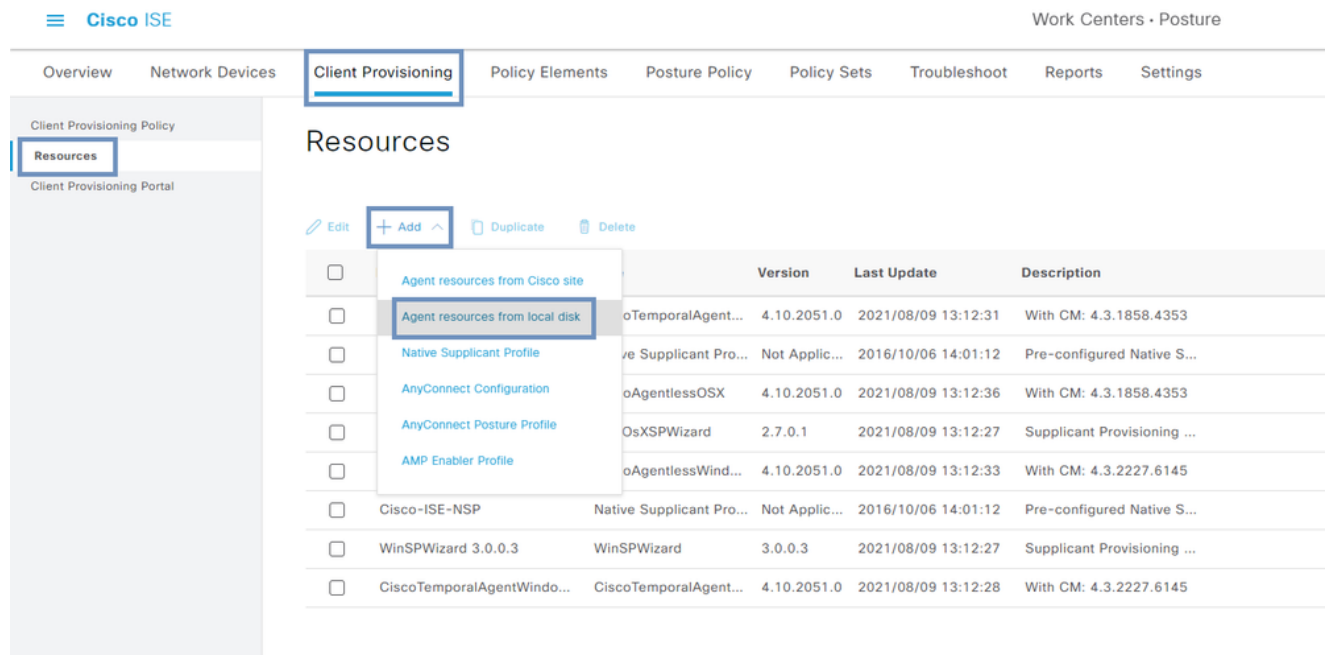
cisco-secure-client-macos-4.3.2868.4354-isecompliance-webdeploy-k9.pkg

Advisories 

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ISE-configuratie

1. Open het ISE-dashboard en navigeer naar Work Centers > Posture > Client Provisioning > Resources > Add > Agent-bronnen vanaf de lokale schijf.



The screenshot shows the Cisco ISE interface. The top navigation bar includes 'Overview', 'Network Devices', 'Client Provisioning' (highlighted), 'Policy Elements', 'Posture Policy', 'Policy Sets', 'Troubleshoot', 'Reports', and 'Settings'. The left sidebar shows 'Client Provisioning Policy' and 'Resources' (highlighted). The main area is titled 'Resources' and contains a table of resources. The 'Add' button is highlighted, and the dropdown menu shows 'Agent resources from local disk' selected.

			Version	Last Update	Description
☐	Agent resources from Cisco site				
☐	Agent resources from local disk	oTemporalAgent...	4.10.2051.0	2021/08/09 13:12:31	With CM: 4.3.1858.4353
☐	Native Supplicant Profile	ve Supplicant Pro...	Not Applic...	2016/10/06 14:01:12	Pre-configured Native S...
☐	AnyConnect Configuration	oAgentlessOSX	4.10.2051.0	2021/08/09 13:12:36	With CM: 4.3.1858.4353
☐	AnyConnect Posture Profile	OsXSPWizard	2.7.0.1	2021/08/09 13:12:27	Supplicant Provisioning ...
☐	AMP Enabler Profile	oAgentlessWind...	4.10.2051.0	2021/08/09 13:12:33	With CM: 4.3.2227.6145
☐	Cisco-ISE-NSP	Native Supplicant Pro...	Not Applic...	2016/10/06 14:01:12	Pre-configured Native S...
☐	WinSPWizard 3.0.0.3	WinSPWizard	3.0.0.3	2021/08/09 13:12:27	Supplicant Provisioning ...
☐	CiscoTemporalAgentWindo...	CiscoTemporalAgent...	4.10.2051.0	2021/08/09 13:12:28	With CM: 4.3.2227.6145

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2. Selecteer Cisco Provided Package > Choose File, upload het AnyConnect Headend Deployment Package en klik op Submit and Confirm.

Cisco ISE Work Centers - Posture

Overview Network Devices **Client Provisioning** Policy Elements Posture Policy Policy Sets Troubleshoot Reports Settings

Client Provisioning Policy
Resources
 Client Provisioning Portal

[Agent Resources From Local Disk](#) > [Agent Resources From Local Disk](#)

Agent Resources From Local Disk

Category: Cisco Provided Package ⓘ

Choose File anyconnect-w...eploy-k9.pkg

▼ AnyConnect Uploaded Resources

Name	Type	Version	Description
AnyConnectDesktopWindow...	AnyConnectDesktop...	4.10.6090.0	AnyConnect Secure Mob...

Submit
Cancel

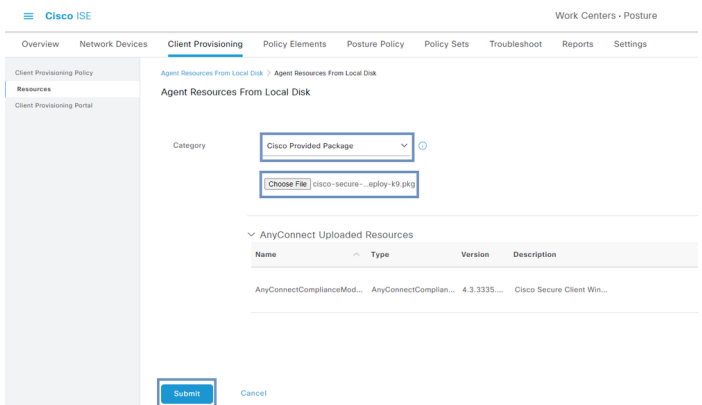
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3. Herhaal het proces om de ISE Posture Compliance Library te uploaden:

- Selecteer Cisco Provided Package > Choose File, upload de ISE Posture Compliance

Library en klik op Submit and Confirm.

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The screenshot shows the 'Agent Resources From Local Disk' page. The 'Category' dropdown is set to 'Cisco Provided Package'. The 'Choose File' button is highlighted, and the file 'cisco-secure-...eploy-k9.pkg' is listed. Below the file list, the 'AnyConnect Uploaded Resources' table is visible, showing the uploaded resource 'AnyConnectComplianceMod...' with version '4.3.3335...' and description 'Cisco Secure Client Win...'. At the bottom, the 'Submit' button is highlighted.

4. Upload het OrgInfo.json profiel:

- Selecteer Pakket dat door de klant is gemaakt > Selecteer AnyConnect-profiel > Naam toevoegen > Bestand kiezen > OrgInfo.json > Indienen.

Cisco ISE

Work Centers · Posture

OverviewNetwork DevicesClient ProvisioningPolicy ElementsPosture PolicyPolicy SetsTroubleshootReportsSettings

Client Provisioning Policy

Resources

Client Provisioning Portal

Agent Resources From Local Disk > Agent Resources From Local Disk

Agent Resources From Local Disk

Category

Customer Created Packs

Type

AnyConnect Profile

* Name

Umbrella Profile

Description

Choose File

OrgInfo.json

Submit

Cancel

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5. Voeg het AnyConnect-houdingsprofiel toe:

- Ga naar Work Centers > Houding > Client Provisioning > Bronnen > Toevoegen > AnyConnect-houdingsprofiel.

Cisco ISE

Work Centers · Posture

OverviewNetwork DevicesClient ProvisioningPolicy ElementsPosture PolicyPolicy SetsTroubleshootReportsSettings

Client Provisioning Policy

Resources

Client Provisioning Portal

Resources

Edit

+ Add

Duplicate

Delete

			Version	Last Update	Description
☐	Agent resources from Cisco site				
☐	Agent resources from local disk	ConnectDesktop...	4.10.6090.0	2023/02/17 15:00:34	AnyConnect Secure Mob...
☐	Native Supplicant Profile	oTemporalAgent...	4.10.2051.0	2021/08/09 13:12:31	With CM: 4.3.1858.4353
☐	AnyConnect Configuration	ConnectProfile	Not Applic...	2023/02/17 15:00:16	
☐	AnyConnect Posture Profile	ve Supplicant Pro...	Not Applic...	2016/10/06 14:01:12	Pre-configured Native S...
☐	AMP Enabler Profile	oAgentlessOSX	4.10.2051.0	2021/08/09 13:12:36	With CM: 4.3.1858.4353
☐	MacOsXSPWizard 2.7.0.1	MacOsXSPWizard	2.7.0.1	2021/08/09 13:12:27	Supplicant Provisioning ...
☐	CiscoAgentlessWindows 4.1...	CiscoAgentlessWind...	4.10.2051.0	2021/08/09 13:12:33	With CM: 4.3.2227.6145
☐	AnyConnectComplianceMod...	AnyConnectComplan...	4.3.3335....	2023/02/17 15:00:57	Cisco Secure Client Win...
☐	Cisco-ISE-NSP	Native Supplicant Pro...	Not Applic...	2016/10/06 14:01:12	Pre-configured Native S...
☐	WinSPWizard 3.0.0.3	WinSPWizard	3.0.0.3	2021/08/09 13:12:27	Supplicant Provisioning ...
☐	CiscoTemporalAgentWindo...	CiscoTemporalAgent...	4.10.2051.0	2021/08/09 13:12:28	With CM: 4.3.2227.6145

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- Voeg een profielnaam en regels voor de servernaam toe (namen met een jokerteken en kommascheiding die de servers definiëren waarmee de agent verbinding kan maken, *.cisco.com bijvoorbeeld) en klik vervolgens op Indienen.

The screenshot shows the Cisco ISE interface for configuring an AnyConnect Posture Profile. The left sidebar contains 'Client Provisioning Policy' and 'Resources'. The main area is titled 'AnyConnect Posture Profile' and includes a 'Name' field (containing 'Posture Profile'), a 'Description' field, and an 'Agent Behavior' table.

Parameter	Value

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The screenshot shows the Cisco ISE interface for configuring a Posture Protocol. The left sidebar contains 'Client Provisioning Policy' and 'Resources'. The main area is titled 'Posture Protocol' and includes a table for configuration parameters.

Parameter	Value
PRA retransmission time	120 secs
Retransmission Delay ⓘ	60 secs
Retransmission Limit ⓘ	4
Discovery host ⓘ	
Discovery Backup Server List ⓘ	Choose
Server name rules * ⓘ	*.dacabrer.lab
Call Home List ⓘ	
Back-off Timer ⓘ	30 secs

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6. AnyConnect-configuratie toevoegen:

- Navigeer naar Work Centers > Houding > Client Provisioning > Bronnen > Toevoegen > AnyConnect-configuratie.

Cisco ISE Work Centers · Posture

Overview Network Devices **Client Provisioning** Policy Elements Posture Policy Policy Sets Troubleshoot Reports Settings

Client Provisioning Policy

Resources

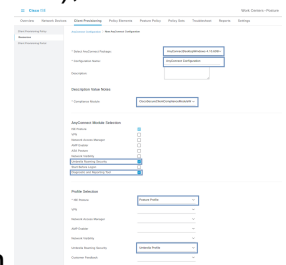
Client Provisioning Portal

Edit **+ Add** Duplicate Delete

		Version	Last Update	Description	
☐	Agent resources from Cisco site				
☐	Agent resources from local disk				
☐	Native Supplicant Profile	ConnectDesktop...	4.10.6090.0	2023/02/17 15:00:34	AnyConnect Secure Mob...
☐	AnyConnect Configuration	ConnectProfile	Not Applic...	2023/02/17 15:00:16	
☐	AnyConnect Posture Profile	ConnectProfile	Not Applic...	2023/02/17 15:03:12	
☐	AMP Enabler Profile	oTemporalAgent...	4.10.2051.0	2021/08/09 13:12:31	With CM: 4.3.1858.4353
☐	CiscoTemporalAgentWindo...	CiscoTemporalAgent...	4.10.2051.0	2021/08/09 13:12:28	With CM: 4.3.2227.6145
☐	CiscoAgentlessOSX 4.10.02...	CiscoAgentlessOSX	4.10.2051.0	2021/08/09 13:12:36	With CM: 4.3.1858.4353
☐	CiscoAgentlessWindows 4.1...	CiscoAgentlessWind...	4.10.2051.0	2021/08/09 13:12:33	With CM: 4.3.2227.6145
☐	MacOsXSPWizard 2.7.0.1	MacOsXSPWizard	2.7.0.1	2021/08/09 13:12:27	Supplicant Provisioning ...
☐	Cisco-ISE-Chrome-NSP	Native Supplicant Pro...	Not Applic...	2016/10/06 14:01:12	Pre-configured Native S...
☐	Cisco-ISE-NSP	Native Supplicant Pro...	Not Applic...	2016/10/06 14:01:12	Pre-configured Native S...
☐	WinSPWizard 3.0.0.3	WinSPWizard	3.0.0.3	2021/08/09 13:12:27	Supplicant Provisioning ...

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- Selecteer het AnyConnect-pakket, voeg een configuratienaam toe, selecteer het nalevingspakket, kies de AnyConnect-modules (Umbrella en Diagnostic), selecteer het



ISE-profiel, selecteer het overkoepelende profiel en klik op Indienen.

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7. De AnyConnect-configuratie toewijzen aan het beleid voor clientprovisioning:

- Ga naar Work Centers > Posture > Client Provisioning > Client Provisioning Policy (Beleid voor clientprovisioning).

Cisco ISE Work Centers - Posture

Overview Network Devices **Client Provisioning** Policy Elements Posture Policy Policy Sets Troubleshoot Reports Settings

Client Provisioning Policy

Resources
Client Provisioning Portal

Define the Client Provisioning Policy to determine what users will receive upon login and user session initiation:
For Agent Configuration: version of agent, agent profile, agent compliance module, and/or agent customization package.
For Native Supplicant Configuration: wizard profile and/or wizard. Drag and drop rules to change the order.

Rule Name	Identity Groups	Operating Systems	Other Conditions	Results
IOS	If Any	and Apple iOS All	and Condition(s)	then Cisco-ISE-NSP Edit
Android	If Any	and Android	and Condition(s)	then Cisco-ISE-NSP Edit
Windows	If Any	and Windows All	and Condition(s)	then AnyConnect ... X Done
MAC OS	If Any	and Mac OSX	and Condition(s)	then
Chromebook	If Any	and Chrome OS All	and Condition(s)	then

Agent Configuration
AnyConnect Configuration is Upgrade Mandatory

Native Supplicant Configuration
Choose a Config Wizard
Choose a Wizard Profile

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- Bewerk het beleid en voeg onder Results de AnyConnect-configuratie toe en klik vervolgens op Save.

8. Maak een machtigingsbeleid om klanten door te verwijzen naar het Client Provisioning Portal. (Deze stap valt buiten het bereik van deze gids.)

Authorization Policy (2)

Status	Rule Name	Conditions	Results	Profiles	Security Groups	Hits	Actions
Client Provisioning	Session PostureStatus EQUALS Unknown		Posture Redirection	Select from list			
Default			DenyAccess	Select from list			

Reset Save

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Configuratie aan clientzijde

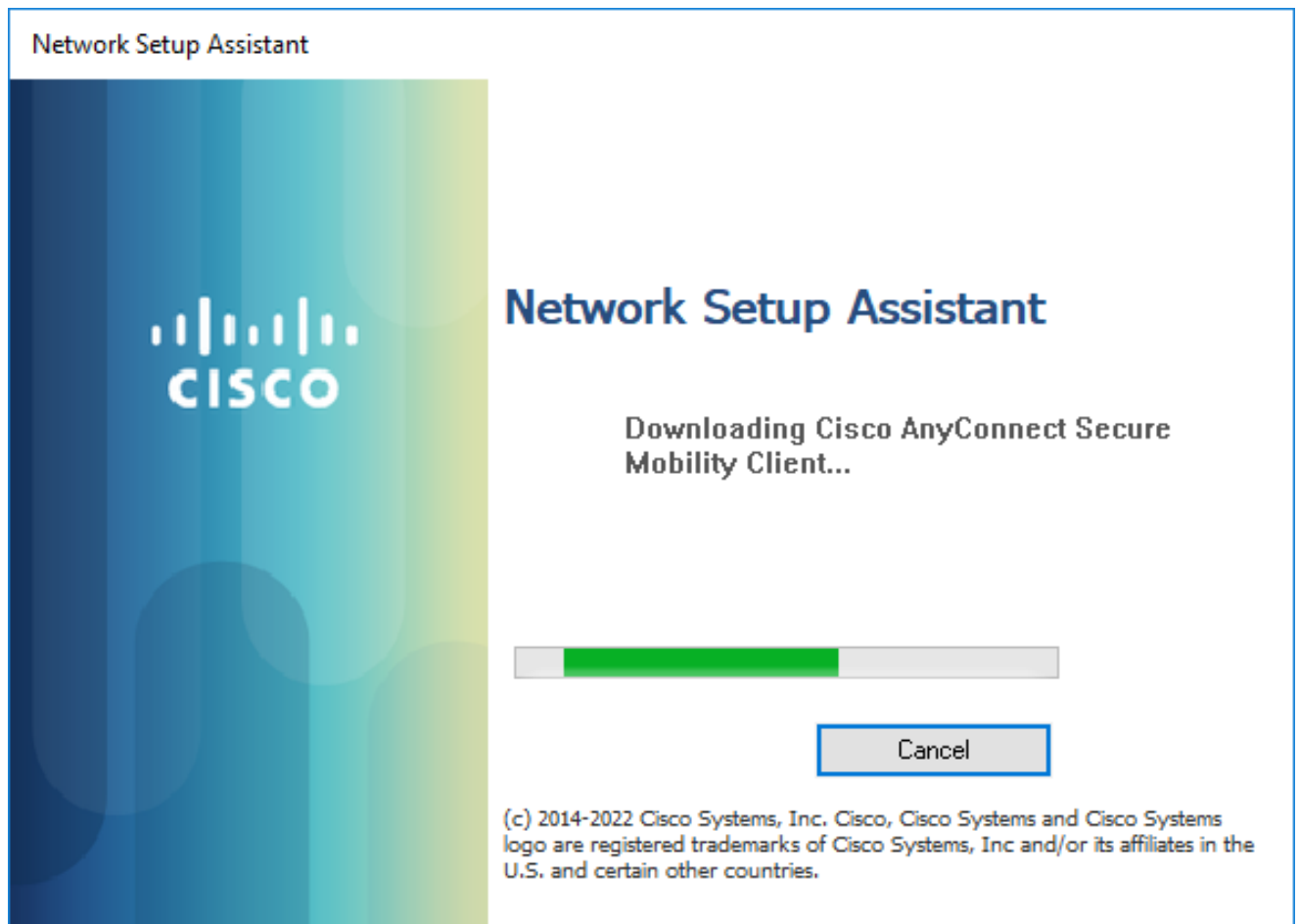
- Zodra de client de omleiding van het Client Provisioning Portal kan ophalen, klikt u op Start: –

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- Selecteer Dit is mijn eerste keer hier en het begint met het downloaden van AnyConnect:

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- Open / voer het gedownloade bestand uit en het start het proces:



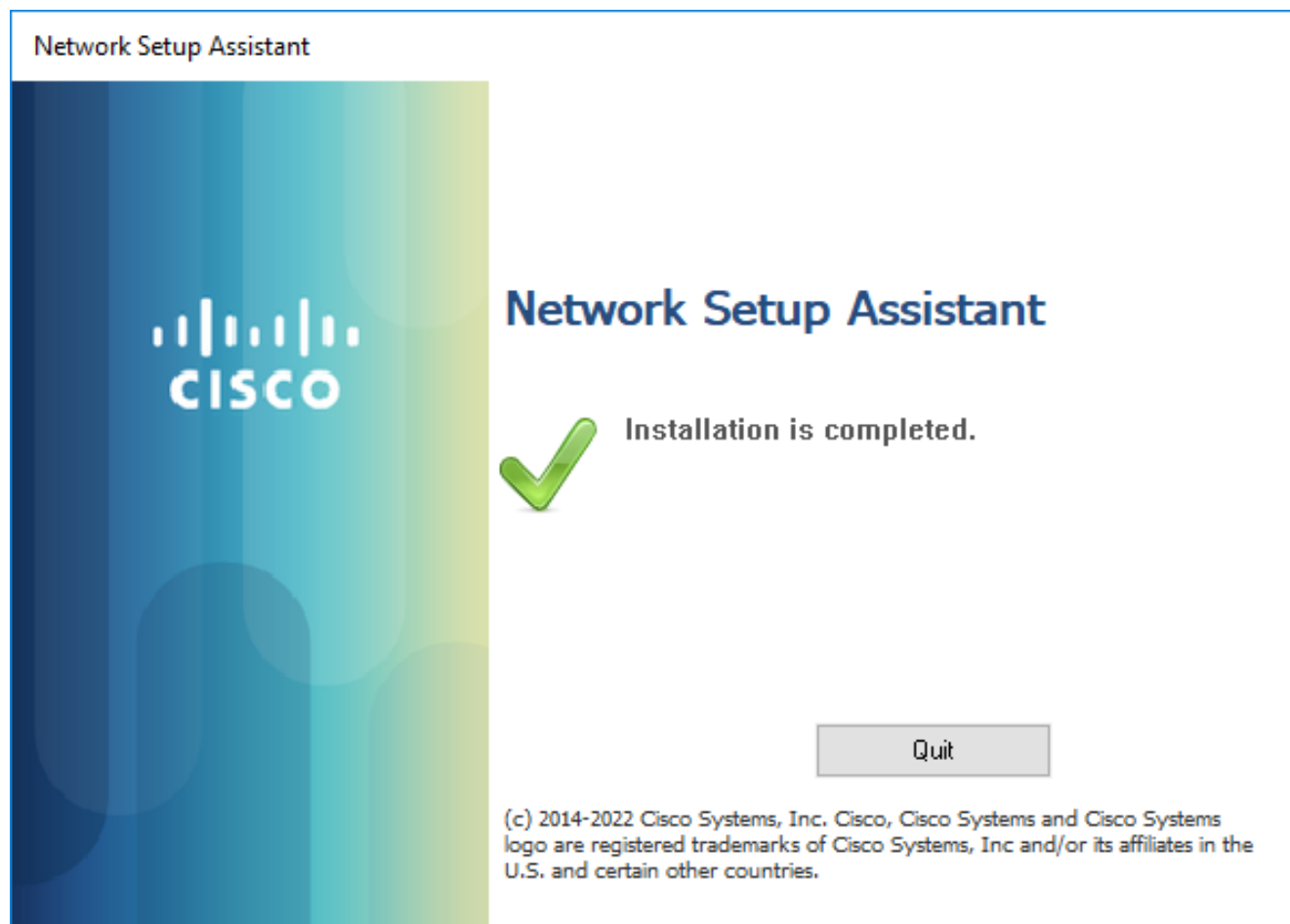
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4. Wanneer het bericht "Trusted and Secure Connection" (Vertrouwde en beveiligde verbinding) wordt weergegeven, klikt u op Verbinden als de ISE-informatie juist is:



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5. Zodra het bericht "Installatie is voltooid" wordt weergegeven, klikt u op Afsluiten:



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6. U kunt alle andere vensters sluiten. Paraplu is geïnstalleerd, plus de ISE Posture module:



System Scan:

No policy server detected.

Default network access is in effect.



Roaming Security:

Umbrella is active.



Over deze vertaling

Cisco heeft dit document vertaald via een combinatie van machine- en menselijke technologie om onze gebruikers wereldwijd ondersteuningscontent te bieden in hun eigen taal. Houd er rekening mee dat zelfs de beste machinevertaling niet net zo nauwkeurig is als die van een professionele vertaler. Cisco Systems, Inc. is niet aansprakelijk voor de nauwkeurigheid van deze vertalingen en raadt aan altijd het oorspronkelijke Engelstalige document (link) te raadplegen.