

Provisioning di OrgInfo.json e AnyConnect tramite ISE per Umbrella

Sommario

[Introduzione](#)

[Prerequisiti](#)

[Fasi di preparazione](#)

[Configurazione di ISE](#)

[Configurazione lato client](#)

Introduzione

Questo documento descrive come eseguire il provisioning del profilo OrgInfo.json e del client AnyConnect utilizzando Identity Services Engine (ISE) per l'integrazione con Umbrella.

Prerequisiti

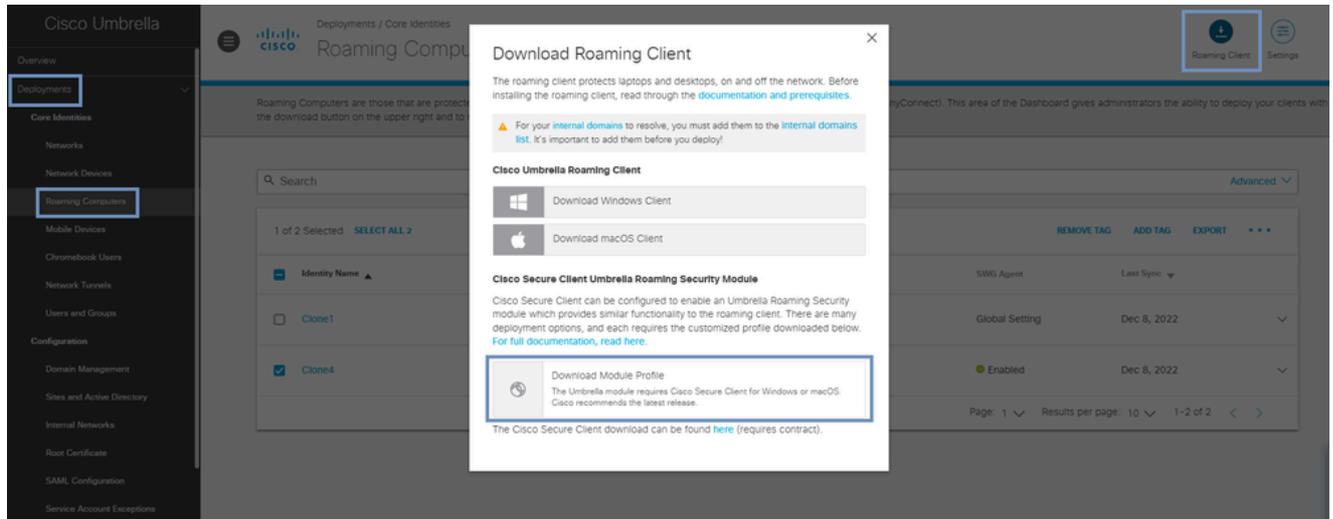
- Accesso al dashboard Umbrella
- Accesso al dashboard ISE
- Profilo modulo Umbrella (OrgInfo.json)
- Pacchetto di distribuzione headend AnyConnect (Windows o macOS)
- Libreria di conformità della postura ISE (Windows o macOS)
- Ultima patch ISE installata (per evitare bug Cisco con ID [CSCvz01485](#).)

Non coperto:

- Policy di autenticazione e autorizzazione ISE
- Portale di provisioning client ISE e reindirizzamento dei client

Fasi di preparazione

1. Accedi al dashboard Umbrella e scarica il profilo del modulo Umbrella (OrgInfo.json) da Distribuzioni > Computer mobili > Scarica > Scarica profilo modulo.



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2. Scaricare il pacchetto di distribuzione dell'headend AnyConnect dalla pagina di download del software Cisco, selezionando la versione appropriata per la distribuzione.

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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3. Scaricare ISE Posture Compliance Library dalla pagina di download del software Cisco, selezionando la versione appropriata per l'implementazione.

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

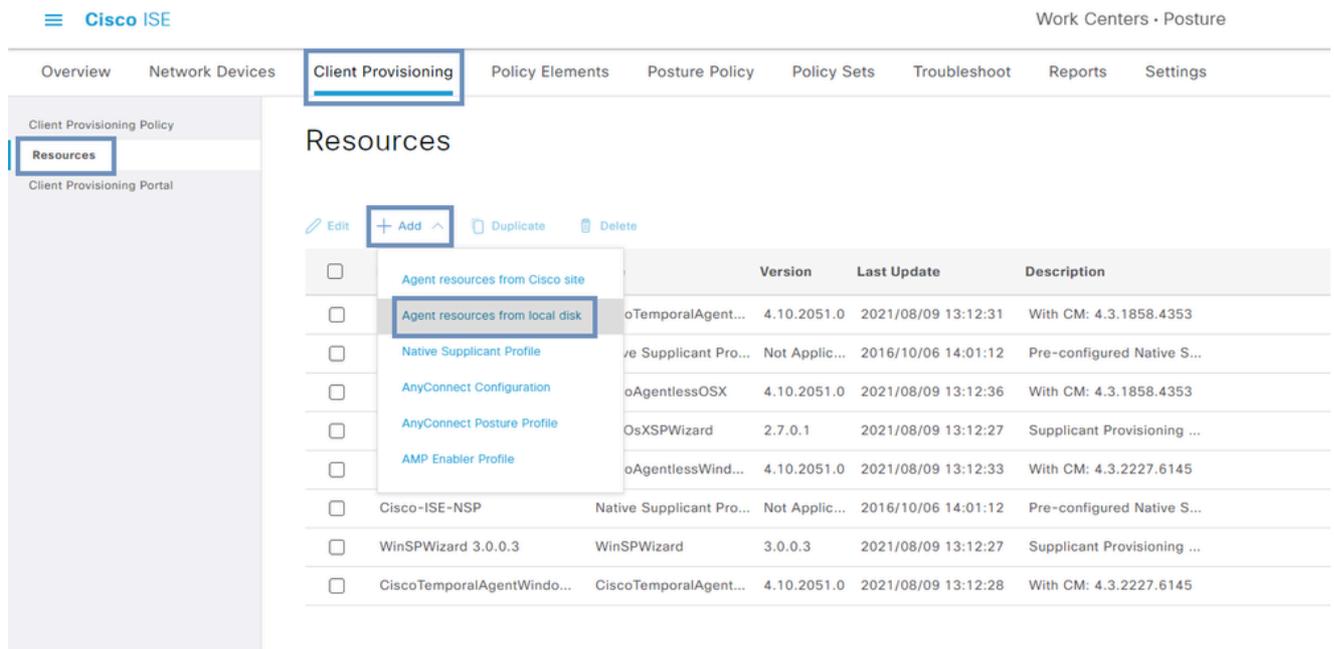
[cisco-secure-client-macos-4.3.2868.4354-isecompliance-webdeploy-k9.pkg](#)

[Advisories](#) 

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Configurazione di ISE

1. Accedere al dashboard ISE e selezionare Centri di lavoro > Postura > Client Provisioning > Risorse > Aggiungi > Risorse agente dal disco locale.



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

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2. Selezionare Cisco Provided Package > Choose File, caricare AnyConnect Headend Deployment Package e fare clic su Submit and Confirm.

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

anyconnect-w...eploy-k9.pkg

AnyConnect Uploaded Resources

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

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3. Ripetere la procedura per caricare la libreria di conformità di ISE Posture:

- Selezionare Cisco Provided Package > Choose File, caricare la libreria di conformità

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-secure-...ghy-10.pkg

AnyConnect Uploaded Resources

Name	Type	Version	Description
AnyConnectComplianceMod...	AnyConnectComplian...	4.3.3335...	Cisco Secure Client WH...

alle posture ISE e fare clic su Submit and Confirm.

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4. Caricare il profilo OrgInfo.json:

- Selezionare Pacchetto creato dal cliente > Seleziona profilo AnyConnect > Aggiungi nome > Scegli file > OrgInfo.json > Sottometti.

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: Customer Created Packs

Type: AnyConnect Profile

* Name: Umbrella Profile

Description:

Choose File OrgInfo.json

Submit Cancel

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5. Aggiungere il profilo di postura di AnyConnect:

- Selezionare Work Center > Postura > Client Provisioning > Risorse > Aggiungi > Profilo postura di AnyConnect.

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

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- Aggiungere un nome di profilo e le regole relative al nome del server (nomi separati da virgole e con caratteri jolly che definiscono, ad esempio, *.cisco.com) server ai quali l'agente può connettersi), quindi fare clic su Invia.

The screenshot shows the Cisco ISE Client Provisioning interface. The breadcrumb trail is 'ISE Posture Agent Profile Settings > New Profile'. The main heading is 'AnyConnect Posture Profile'. A form field for 'Name *' is highlighted with a blue border and contains the text 'Posture Profile'. Below it is a 'Description:' field. Under the heading 'Agent Behavior', there is a table with columns 'Parameter' and 'Value'.

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The screenshot shows the Cisco ISE Client Provisioning interface for the 'Posture Protocol' configuration. The breadcrumb trail is 'Client Provisioning > Policy Elements > Posture Policy > Policy Sets > Troubleshoot > Reports > Settings'. The main heading is 'Posture Protocol'. Below it is a table with columns 'Parameter' and 'Value'. The 'Server name rules *' field is highlighted with a blue border and contains the text '*.dacabrer.lab'.

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. Aggiungi configurazione AnyConnect:

- Selezionare Work Center > Postura > Client Provisioning > Risorse > Aggiungi > Configurazione AnyConnect.

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

Client Provisioning Policy
Resources
Client Provisioning Portal

Resources

Edit **+ Add** Duplicate Delete

		Version	Last Update	Description
<input type="checkbox"/>	Agent resources from Cisco site			
<input type="checkbox"/>	Agent resources from local disk	ConnectComplian...	4.3.3335.... 2023/02/17 15:00:57	Cisco Secure Client Win...
<input type="checkbox"/>	Native Supplicant Profile	ConnectDesktop...	4.10.6090.0 2023/02/17 15:00:34	AnyConnect Secure Mob...
<input type="checkbox"/>	AnyConnect Configuration	ConnectProfile	Not Applic... 2023/02/17 15:00:16	
<input type="checkbox"/>	AnyConnect Posture Profile	ConnectProfile	Not Applic... 2023/02/17 15:03:12	
<input type="checkbox"/>	AMP Enabler Profile	oTemporalAgent...	4.10.2051.0 2021/08/09 13:12:31	With CM: 4.3.1858.4353
<input type="checkbox"/>	CiscoTemporalAgentWindo...	CiscoTemporalAgent...	4.10.2051.0 2021/08/09 13:12:28	With CM: 4.3.2227.6145
<input type="checkbox"/>	CiscoAgentlessOSX 4.10.02...	CiscoAgentlessOSX	4.10.2051.0 2021/08/09 13:12:36	With CM: 4.3.1858.4353
<input type="checkbox"/>	CiscoAgentlessWindows 4.1...	CiscoAgentlessWind...	4.10.2051.0 2021/08/09 13:12:33	With CM: 4.3.2227.6145
<input type="checkbox"/>	MacOsXSPWizard 2.7.0.1	MacOsXSPWizard	2.7.0.1 2021/08/09 13:12:27	Supplicant Provisioning ...
<input type="checkbox"/>	Cisco-ISE-Chrome-NSP	Native Supplicant Pro...	Not Applic... 2016/10/06 14:01:12	Pre-configured Native S...
<input type="checkbox"/>	Cisco-ISE-NSP	Native Supplicant Pro...	Not Applic... 2016/10/06 14:01:12	Pre-configured Native S...
<input type="checkbox"/>	WinSPWizard 3.0.0.3	WinSPWizard	3.0.0.3 2021/08/09 13:12:27	Supplicant Provisioning ...

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- Selezionare il pacchetto AnyConnect, aggiungere un nome alla configurazione, selezionare il pacchetto di conformità, scegliere i moduli AnyConnect (Umbrella e diagnostica), selezionare il profilo ISE, selezionare il profilo Umbrella, quindi fare clic su Submit (Invia).

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

Client Provisioning Policy

Resources

Client Provisioning Portal

AnyConnect Configuration > New AnyConnect Configuration

* Select AnyConnect Package: AnyConnectDesktopWindows 4.10.609

* Configuration Name: AnyConnect Configuration

Description:

Description Value Notes

* Compliance Module CiscoSecureClientComplianceModuleW

AnyConnect Module Selection

ISE Posture

VPN

Network Access Manager

AMP Enabler

ASA Posture

Network Visibility

Umbrella Roaming Security

Start Before Logon

Diagnostic and Reporting Tool

Profile Selection

* ISE Posture Posture Profile

VPN

Network Access Manager

AMP Enabler

Network Visibility

Umbrella Roaming Security Umbrella Profile

Customer Feedback

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7. Assegnare la configurazione AnyConnect ai criteri di provisioning client:

- Selezionare Centri di lavoro > Postura > Provisioning client > Criteri di provisioning client.

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
<input checked="" type="checkbox"/> IOS	If Any	and Apple iOS All	and Condition(s)	then Cisco-ISE-NSP Edit
<input checked="" type="checkbox"/> Android	If Any	and Android	and Condition(s)	then Cisco-ISE-NSP Edit
<input checked="" type="checkbox"/> Windows	If Any	and Windows All	and Condition(s)	then AnyConnect ... X Done
<input checked="" type="checkbox"/> MAC OS	If Any	and Mac OSX	and Condition(s)	then
<input checked="" type="checkbox"/> Chromebook	If Any	and Chrome OS All	and Condition(s)	then

Agent Configuration

AnyConnect Configuration Upgrade Mandatory

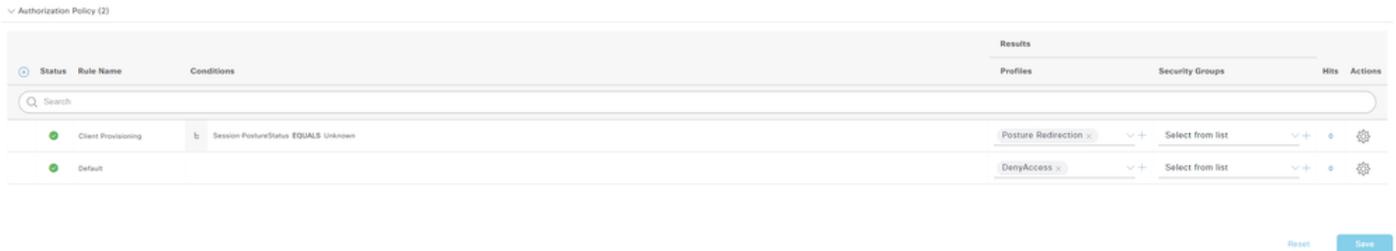
Native Supplicant Configuration

Choose a Config Wizard

Choose a Wizard Profile

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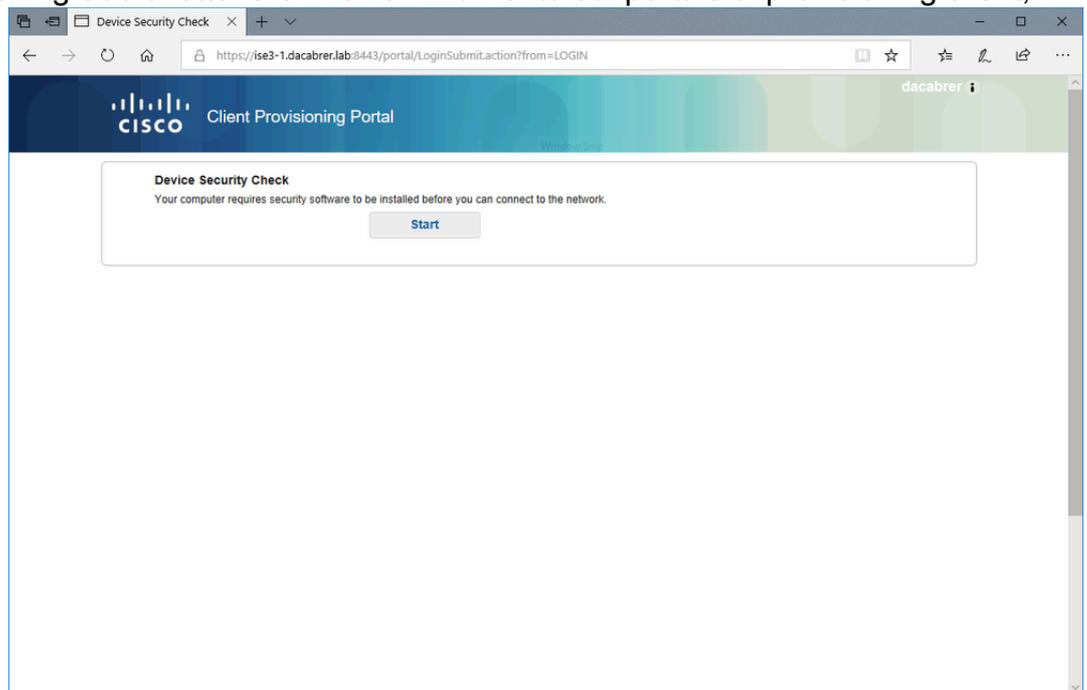
- Modificare il criterio e in Risultati aggiungere la configurazione AnyConnect, quindi fare clic su Salva.
8. Creare un criterio di autorizzazione per reindirizzare i client al portale di provisioning client. Questo passaggio esula dall'ambito della presente guida.



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Configurazione lato client

1. Quando il client è in grado di ottenere il reindirizzamento dal portale di provisioning client,



fare clic su Start:

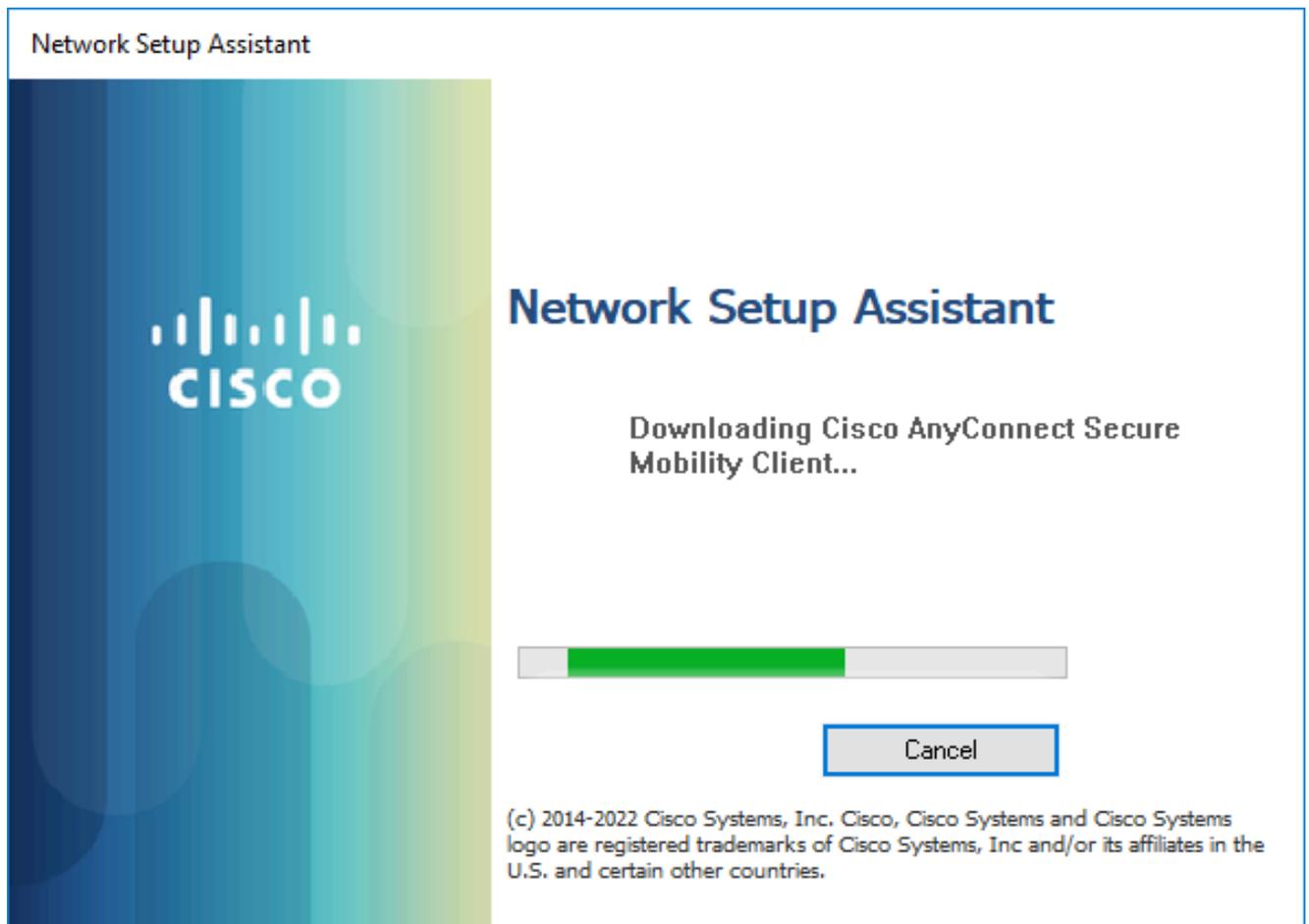
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2. Seleziona Questa è la mia prima volta qui e inizia il download di AnyConnect:

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3. Aprire/eseguire il file scaricato e avviare il processo:





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4. Quando viene visualizzato il messaggio "Trusted and Secure Connection" (Connessione sicura e sicura), fare clic su Connect (Connetti) se le informazioni ISE sono corrette:



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5. Una volta visualizzato il messaggio "Installation is complete" (Installazione completata), fare clic su Quit (Esci):



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6. È possibile chiudere tutte le altre finestre. Umbrella è stato installato, più il modulo ISE Posture:



System Scan:

No policy server detected.

Default network access is in effect.



Roaming Security:

Umbrella is active.



Informazioni su questa traduzione

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