

通過ISE為Umbrella設定OrgInfo.json和AnyConnect

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簡介

本文檔介紹如何使用Identity Services Engine(ISE)為Umbrella整合預配OrgInfo.json配置檔案和AnyConnect客戶端。

必要條件

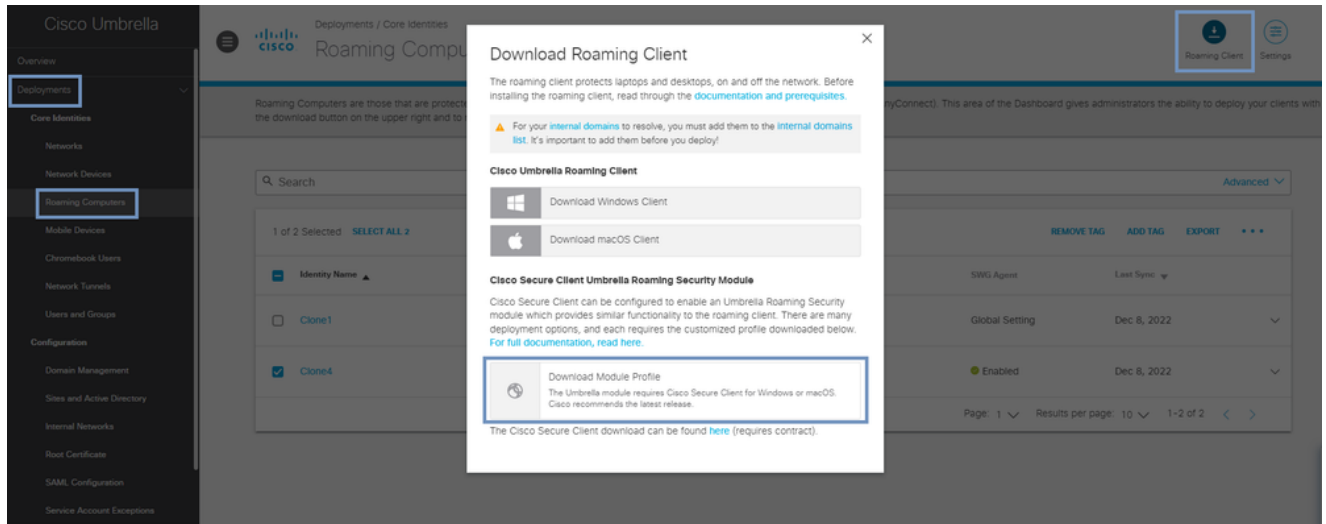
- 對Umbrella控制面板的訪問許可權
- 訪問ISE儀表板
- Umbrella模組配置檔案(OrgInfo.json)
- AnyConnect頭端部署包 (Windows或macOS)
- ISE終端安全評估合規性庫 (Windows或macOS)
- 已安裝最新的ISE修補程式(以避免思科錯誤ID [CSCvz01485](#))

未覆蓋：

- ISE身份驗證和授權策略
- ISE客戶端調配門戶和客戶端重定向

準備步驟

1. 訪問Umbrella儀表板並從部署>漫遊電腦>下載>下載模組配置檔案下載Umbrella模組配置檔案(OrgInfo.json)。



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2. 從思科軟體下載頁面下載AnyConnect頭端部署包，選擇適合您的部署的版本。

AnyConnect Headend Deployment Package (Windows)

26-Jan-2023

anyconnect-win-4.10.06090-webdeploy-k9.pkg

[Advisories](#) [🔗](#)

13295068420244

AnyConnect Headend Deployment Package (Mac OS)

26-Jan-2023

anyconnect-macos-4.10.06090-webdeploy-k9.pkg

[Advisories](#) [🔗](#)

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3. 從思科軟體下載頁面下載ISE終端安全評估合規性庫，選擇適合您的部署的版本。

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

30-Jan-2023

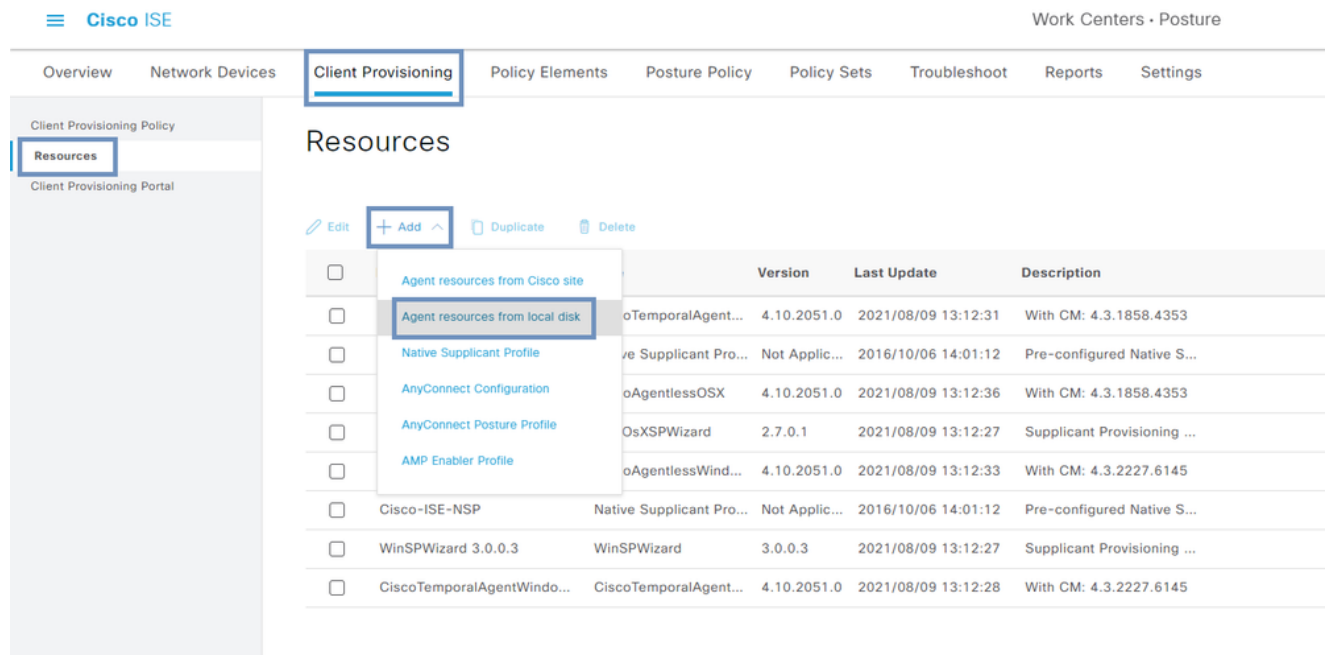
deployment (PKG). This image can be used with AnyConnect version 4.3 and later along with ISE 2.1 and later. Cisco Secure Client 5.x along with ISE 2.7 and later.

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

[Advisories](#) [🔗](#)

ISE 組態

1. 訪問ISE儀表板並導航至工作中心(Work Centers)>狀態(Posture)>客戶端調配(Client Provisioning)>資源(Resources)>新增(Add)>本地磁碟中的代理資源(Agent resources from local disk)。



Work Centers - Posture

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
☐	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

2. 選擇思科提供的包>選擇文件，上傳AnyConnect頭端部署包，然後單擊提交和確認。

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. 重複以下過程以上傳ISE終端安全評估合規性庫：

- 選擇Cisco Provided Package > Choose File，上傳ISE終端安全評估合規性庫，然後單

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 cisco-secure-...eploy-k9.pkg

∨ AnyConnect Uploaded Resources

Name	Type	Version	Description
AnyConnectComplianceMod...	AnyConnectComplan...	4.3.3335...	Cisco Secure Client Win...

Submit
Cancel

擊Submit和Confirm。

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4. 上傳OrgInfo.json配置檔案：

- 選擇客戶建立的包>選擇AnyConnect配置檔案>新增名稱>選擇檔案> OrgInfo.json >提交
- o

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. 新增AnyConnect終端安全評估配置檔案：

- 轉至Work Centers > Posture > Client Provisioning > Resources > Add > AnyConnect Posture Profile。

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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- 新增配置檔名稱和伺服器名稱規則(使用萬用字元和逗號分隔的名稱來定義代理可以連線的伺服器，例如*.cisco.com)，然後單擊Submit。

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

ISE Posture Agent Profile Settings > New Profile

AnyConnect Posture Profile

Name *

Posture Profile

Description:

Agent Behavior

Parameter	Value

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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

Posture Protocol

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. 新增AnyConnect配置：
- 導覽至Work Centers > Posture > Client Provisioning > Resources > Add > AnyConnect Configuration。

Cisco ISE

Work Centers · Posture

OverviewNetwork DevicesClient ProvisioningPolicy ElementsPosture PolicyPolicy SetsTroubleshootReportsSettings

Client Provisioning PolicyResourcesClient Provisioning Portal

Resources

EditAddDuplicateDelete

		Version	Last Update	Description
☐	Agent resources from Cisco site			
☐	Agent resources from local disk			
☐	Native Supplicant Profile	ConnectDesktop...	4.10.6090.02023/02/17 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...	4.10.2051.02021/08/09 13:12:31	With CM: 4.3.1858.4353
☐	CiscoTemporalAgentWindo...	CiscoTemporalAgent...	4.10.2051.02021/08/09 13:12:28	With CM: 4.3.2227.6145
☐	CiscoAgentlessOSX 4.10.02...	CiscoAgentlessOSX	4.10.2051.02021/08/09 13:12:36	With CM: 4.3.1858.4353
☐	CiscoAgentlessWindows 4.1...	CiscoAgentlessWind...	4.10.2051.02021/08/09 13:12:33	With CM: 4.3.2227.6145
☐	MacOsXSPWizard 2.7.0.1	MacOsXSPWizard	2.7.0.12021/08/09 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	3.0.0.32021/08/09 13:12:27	Supplicant Provisioning ...

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- 選擇AnyConnect包，新增配置名稱，選擇合規性包，選擇AnyConnect模組（ Umbrella和Diagnostic ），選擇ISE配置檔案，選擇Umbrella配置檔案，然後單擊Submit。

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

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. 將AnyConnect配置分配到客戶端調配策略：

- 轉至Work Centers > Posture > Client Provisioning > Client Provisioning Policy。

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

Client Provisioning Policy

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 ... 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

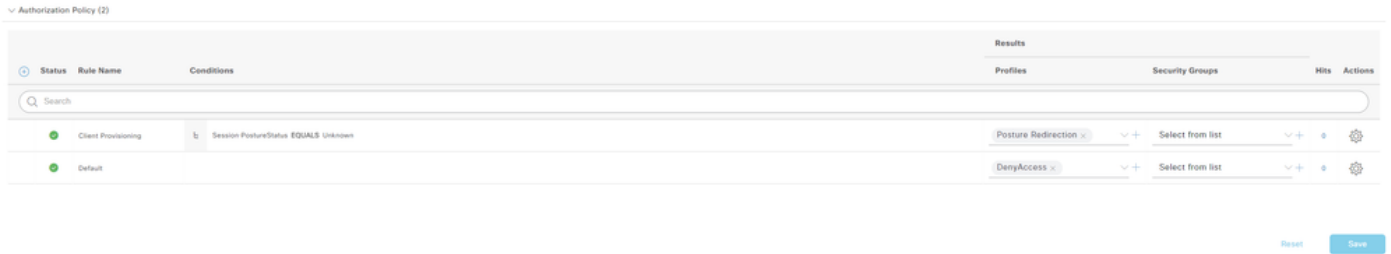
Choose a Config Wizard

Choose a Wizard Profile

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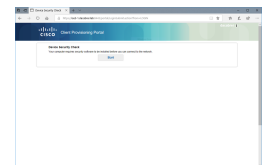
- 編輯策略，在Results下，新增AnyConnect配置，然後按一下Save。

8. 建立授權策略以將客戶端重定向到客戶端調配門戶。(此步驟不屬於本指南的範圍。)



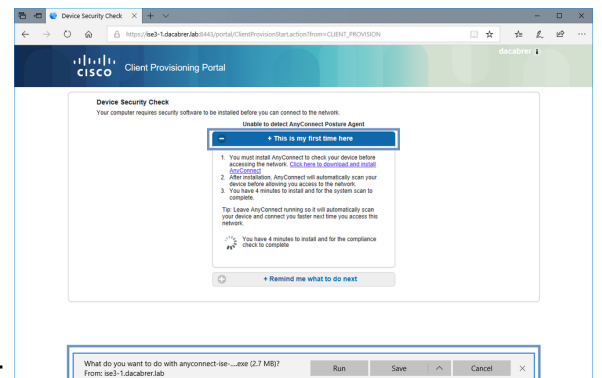
13380169470868

客戶端配置



1. 一旦使用者端能夠從使用者端布建入口取得重新導向，請按一下「Start」：

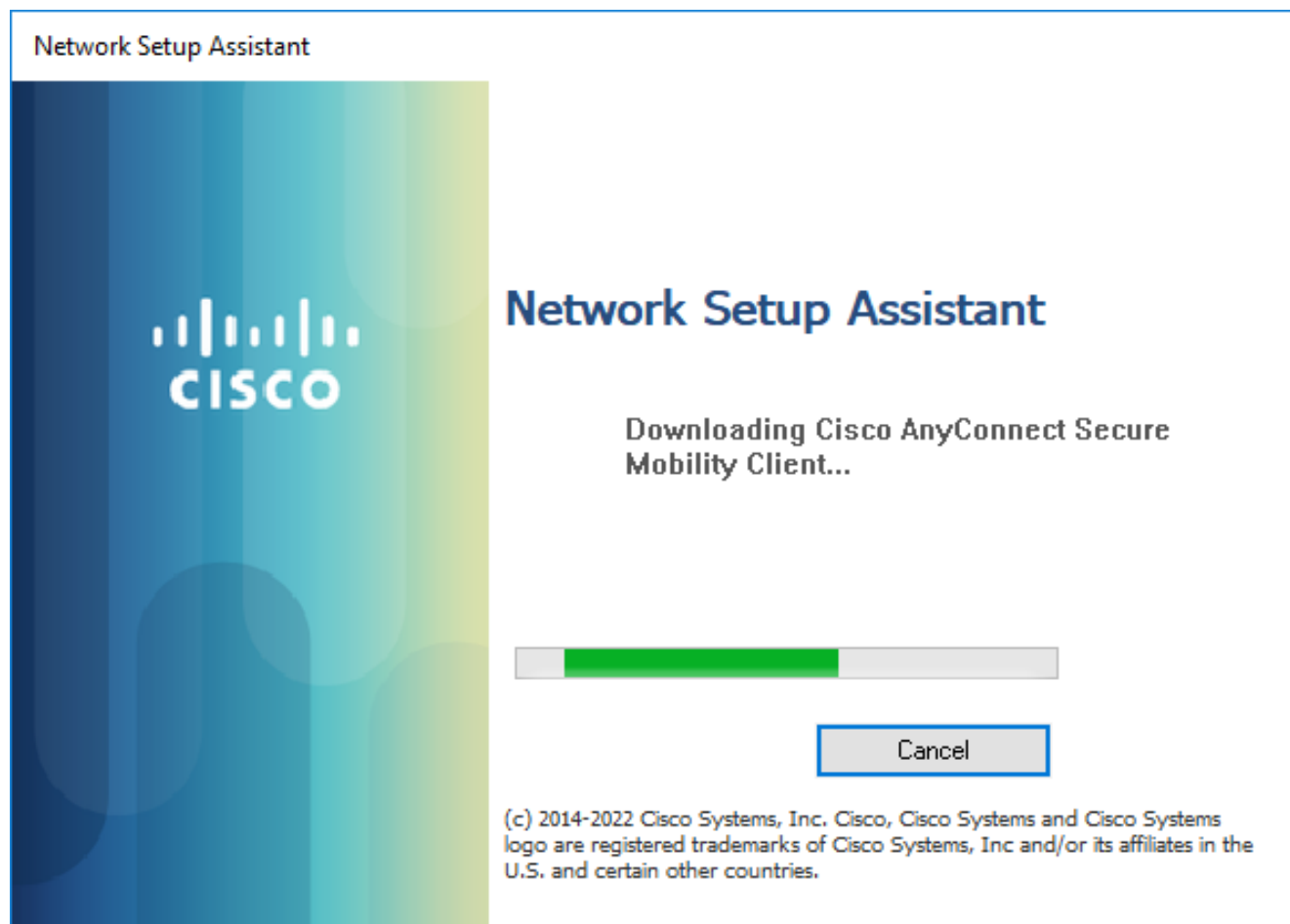
13380233607956



2. 選擇這是我第一次在這裡，並開始下載AnyConnect:

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3. 開啟/運行下載的檔案，然後啟動以下過程：

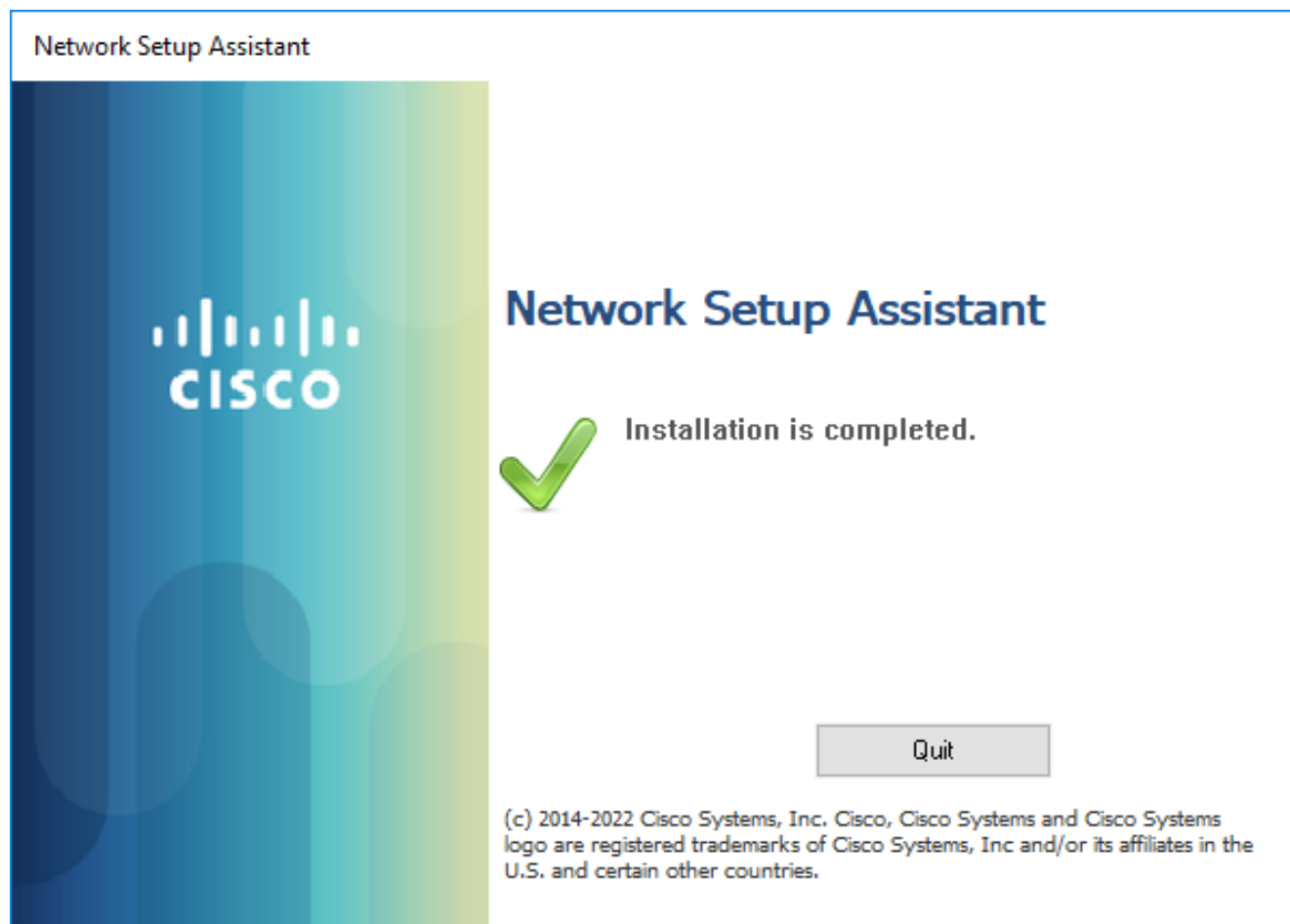


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4. 出現「Trusted and Secure Connection」消息時，如果ISE資訊正確，請按一下Connect: 

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5. 出現「Installation is completed (安裝完成)」資訊後，按一下Quit:



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6. 您可以關閉其他所有視窗。已安裝Umbrella，以及ISE終端安全評估模組：



System Scan:

No policy server detected.

Default network access is in effect.



Roaming Security:

Umbrella is active.



關於此翻譯

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