

通过ISE为Umbrella调配OrgInfo.json和AnyConnect

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简介

本文档介绍如何使用身份服务引擎(ISE)为Umbrella集成调配OrgInfo.json配置文件和AnyConnect客户端。

先决条件

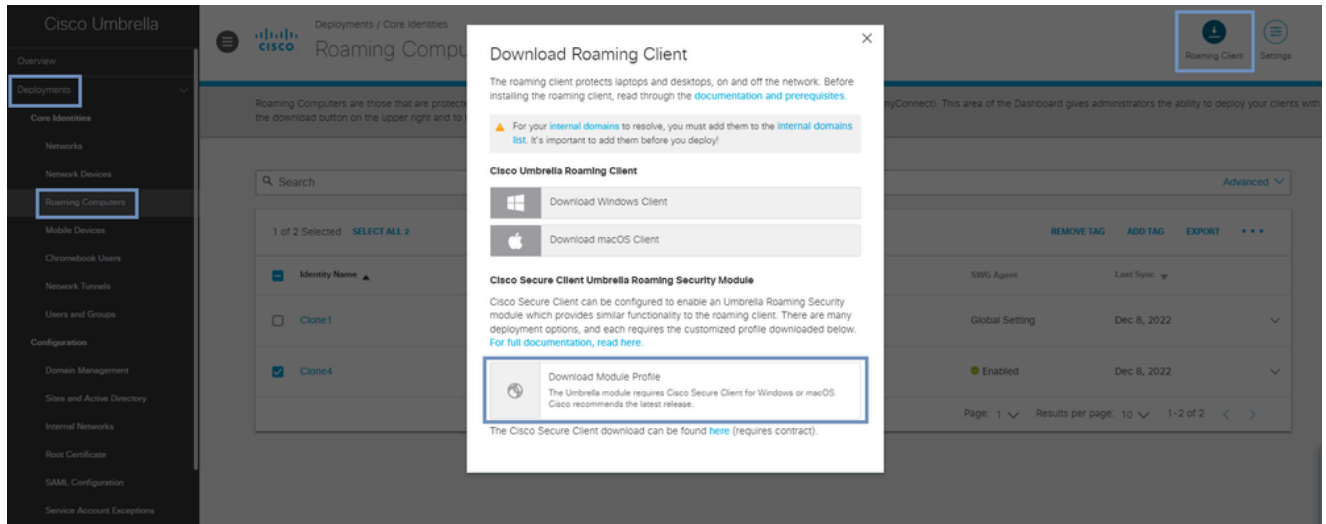
- 访问Umbrella控制面板
- 访问ISE控制面板
- Umbrella模块配置文件(OrgInfo.json)
- AnyConnect头端部署软件包 (Windows或macOS)
- ISE终端安全评估合规性库 (Windows或macOS)
- 安装最新的ISE补丁(避免思科漏洞ID [CSCvz01485](#))

未覆盖:

- ISE身份验证和授权策略
- ISE客户端调配门户和客户端重定向

准备步骤

1. 访问Umbrella控制面板并从Deployments > Roaming Computers > Download > Download Module Profile下载Umbrella模块配置文件(OrgInfo.json)。



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2. 从思科软件下载页面下载AnyConnect头端部署软件包，选择适合您的部署的版本。

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

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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. 从思科软件下载页面下载ISE终端安全评估合规性库，选择适合您的部署的版本。

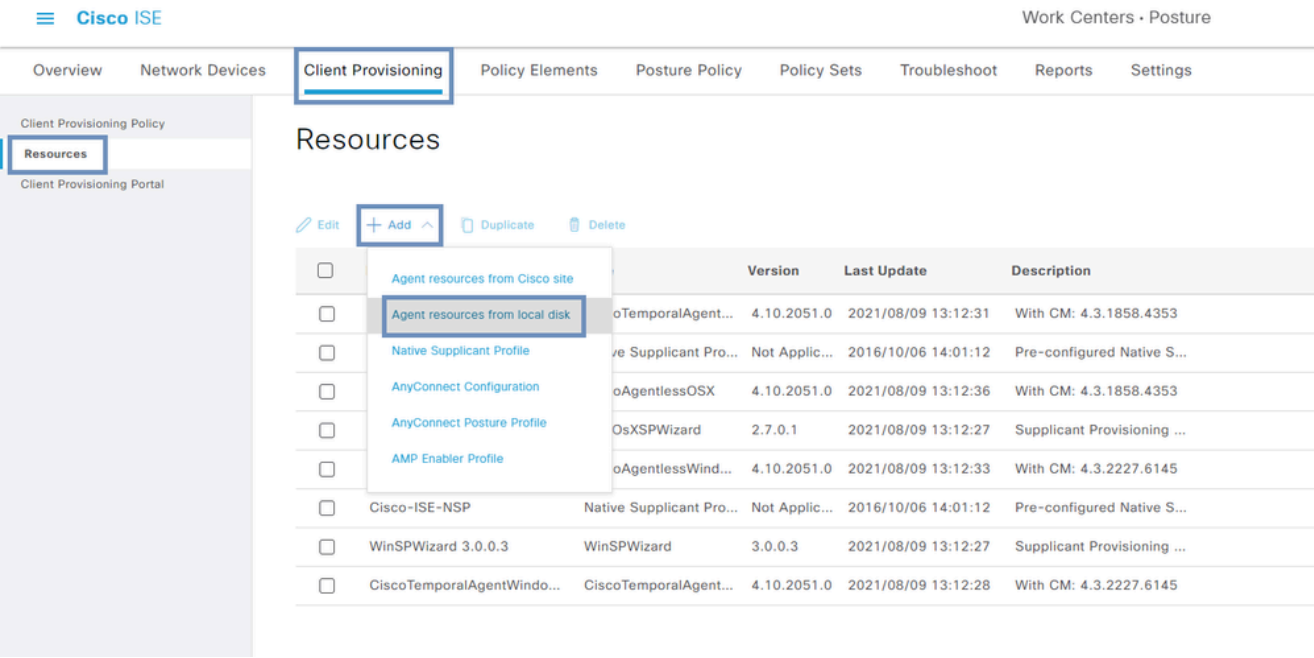
ISE Posture Compliance Library - Windows / Head-end 30-Jan-2023
deployment (PKG). This image can be used with AnyConnect
version 4.3 and later along with ISE 2.1 and later. Cisco Secure
Client 5.x along with ISE 2.7 and later.
cisco-secure-client-win-4.3.3335.6146-isecompliance-webdeploy-k9.pkg
[Advisories](#)

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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 配置

1. 访问ISE控制面板并从本地磁盘导航至工作中心(Work Centers)>状态(Posture)>客户端调配(Client Provisioning)>资源(Resources)>添加(Add)>代理资源(Agent resources from local disk)。



2. 选择Cisco Provided Package > Choose File，上传AnyConnect头端部署包，然后点击 SubmitandConfirm。

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

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. 重复此过程以上传ISE终端安全评估合规性库：

- 选择Cisco Provided Package > Choose File，上传ISE终端安全评估合规性库，然后点

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

Cisco Provided Package

Choose File

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

AnyConnect Uploaded Resources

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

Submit

Cancel

击SubmitandConfirm。

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4. 上传OrgInfo.json配置文件：

- 选择客户创建的包>选择AnyConnect配置文件>添加名称>选择文件> OrgInfo.json >提交
- 。

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. 添加AnyConnect终端安全评估配置文件：

- 转至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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- 添加配置文件名称和服务器名称规则(用于定义代理可连接到的服务器的通配符，例如，逗号分隔名称，*.cisco.com)，然后单击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

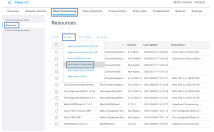
Parameter	Value
PRA retransmission time	120 secs
Retransmission Delay ⓘ	60 secs
Retransmission Limit ⓘ	4
Discovery host ⓘ	
Discovery Backup Server List ⓘ	Choose
Server name rules * ⓘ	*.dacabrer.lab
Call Home List ⓘ	
Back-off Timer ⓘ	30 secs

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6. 添加AnyConnect配置：

- 导航至工作中心(Work Centers)>状态(Posture)>客户端调配(Client Provisioning)>资源

(Resources)>添加(Add)> AnyConnect配置(AnyConnect Configuration)。



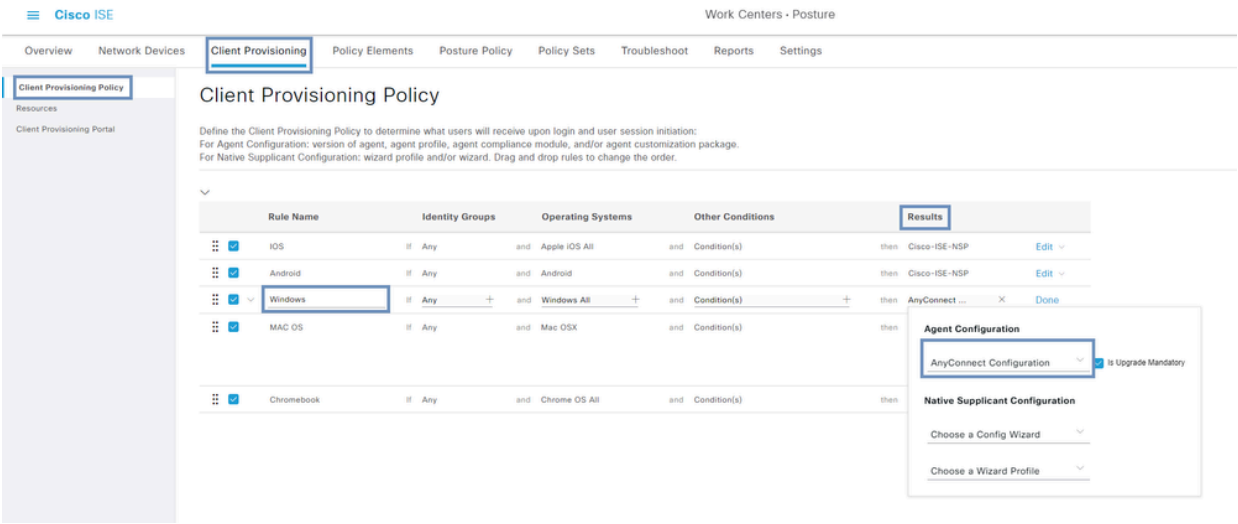
13297194126612

- 选择AnyConnect软件包，添加配置名称，选择合规性软件包，选择AnyConnect模块（ Umbrella和诊断 ），选择ISE配置文件，选择Umbrella配置文件，然后点击提交。

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7. 将AnyConnect配置分配到客户端调配策略：

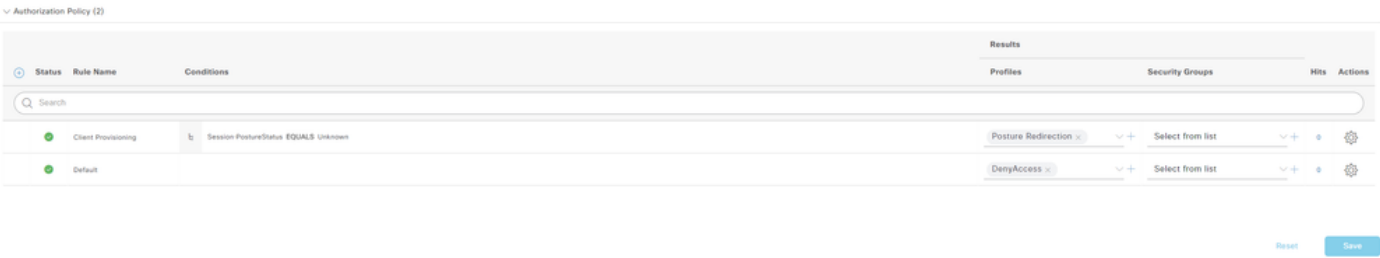
- 转至Work Centers > Posture > Client Provisioning > Client Provisioning Policy。



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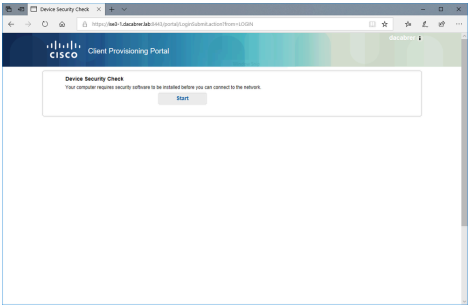
- 编辑策略，在Results下，添加AnyConnect Configuration，然后单击Save。

8. 创建授权策略以将客户端重定向到客户端调配门户。（ 此步骤不属于本指南的范围。 ）



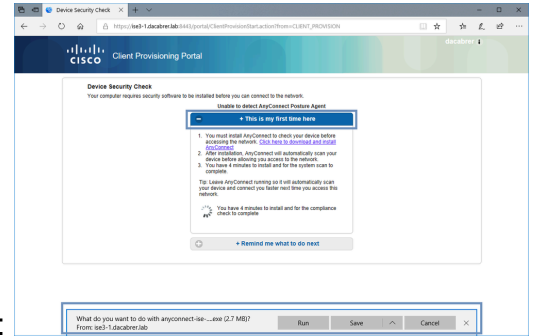
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客户端配置



1. 一旦客户端能够从客户端调配门户获得重定向，请点击开始:

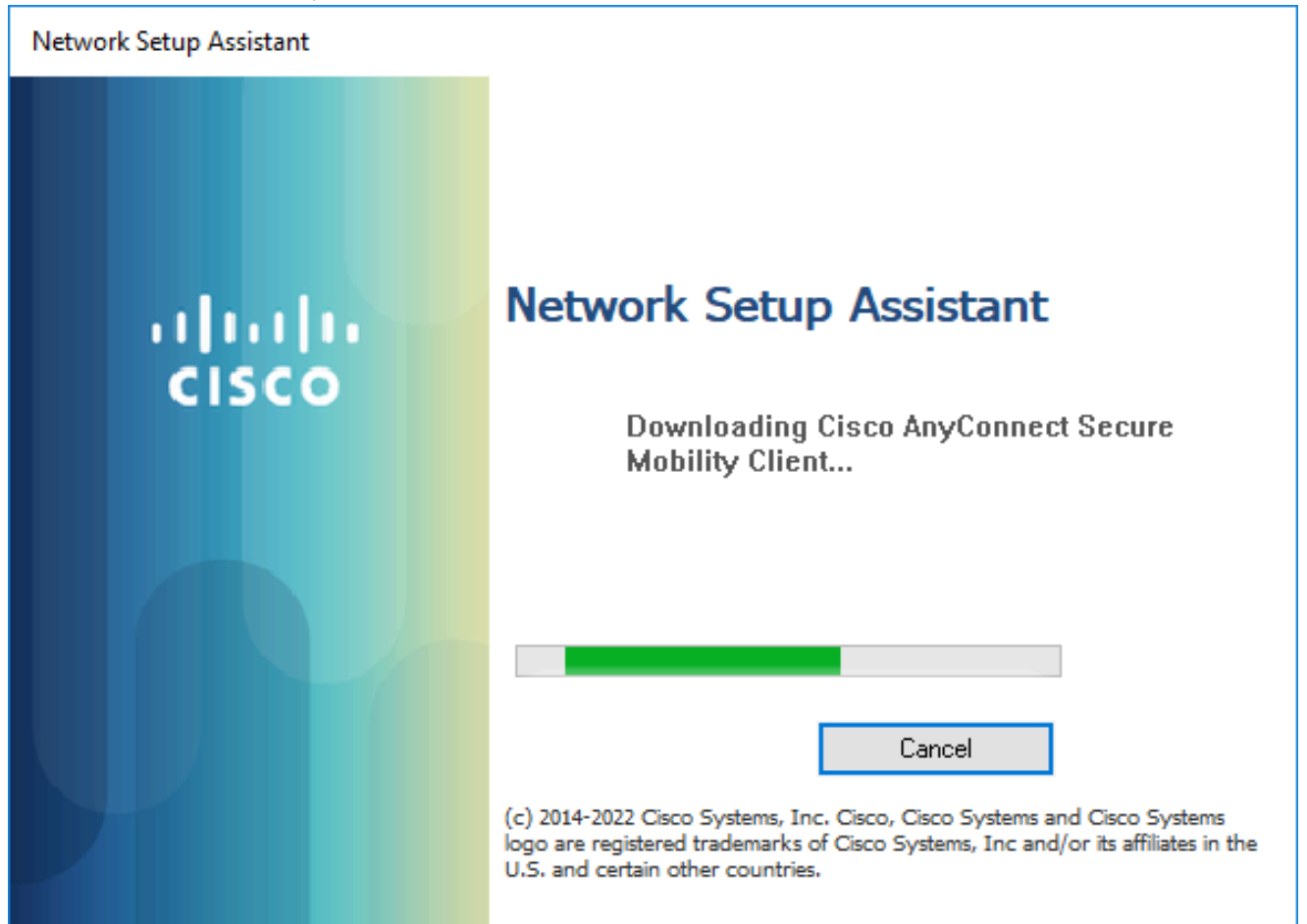
13380233607956



2. 选择这是我第一次在这里，并且它开始下载AnyConnect:

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3. 打开/运行下载的文件，然后启动以下过程：



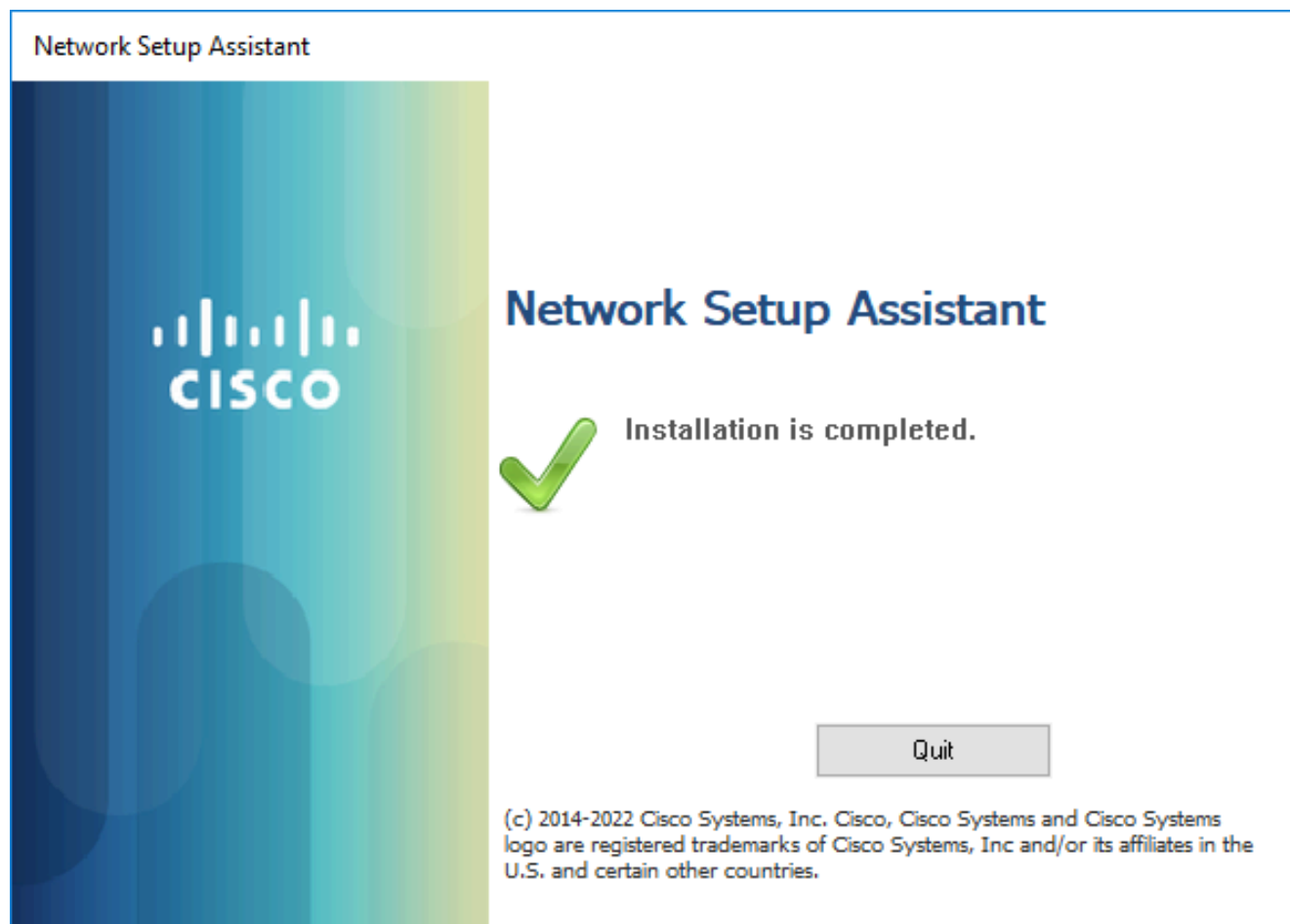
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4. 出现“Trusted and Secure Connection”消息时，如果ISE信息正确，请单击Connect:



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5. 出现“Installation is completed” (安装完成) 消息后，单击Quit:



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6. 您可以关闭所有其他窗口。已安装Umbrella，以及ISE终端安全评估模块：



System Scan:

No policy server detected.

Default network access is in effect.



Roaming Security:

Umbrella is active.



关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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