收集安全客户端的DART捆绑包

目录

简介

背景信息

先决条件

- 要求
- 使用的组件

步骤

- 安装
  - 预部署包
  - 用于Windows的DART
  - 用于MacOS的DART
  - Linux版DART
  - 从ASA/FTD部署
- 收集DART套件
  - Windows 窗口版本
  - MacOS
  - Linux

故障排除

简介

本文档介绍DART，这是用于收集Cisco安全客户端故障排除数据以进行Cisco TAC分析的工具。

背景信息

DART向导在安装了Cisco Secure Client的设备上运行，可从安全客户端内部或独立启动。

先决条件

要求

Cisco 建议您了解以下主题：

- 思科安全客户端5.x

- 自适应安全设备 (ASA)
- Firepower Threat Defense (FTD)

使用的组件

本文档中的信息基于以下操作系统：

- Windows 窗口版本
- MacOS
- Linux

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

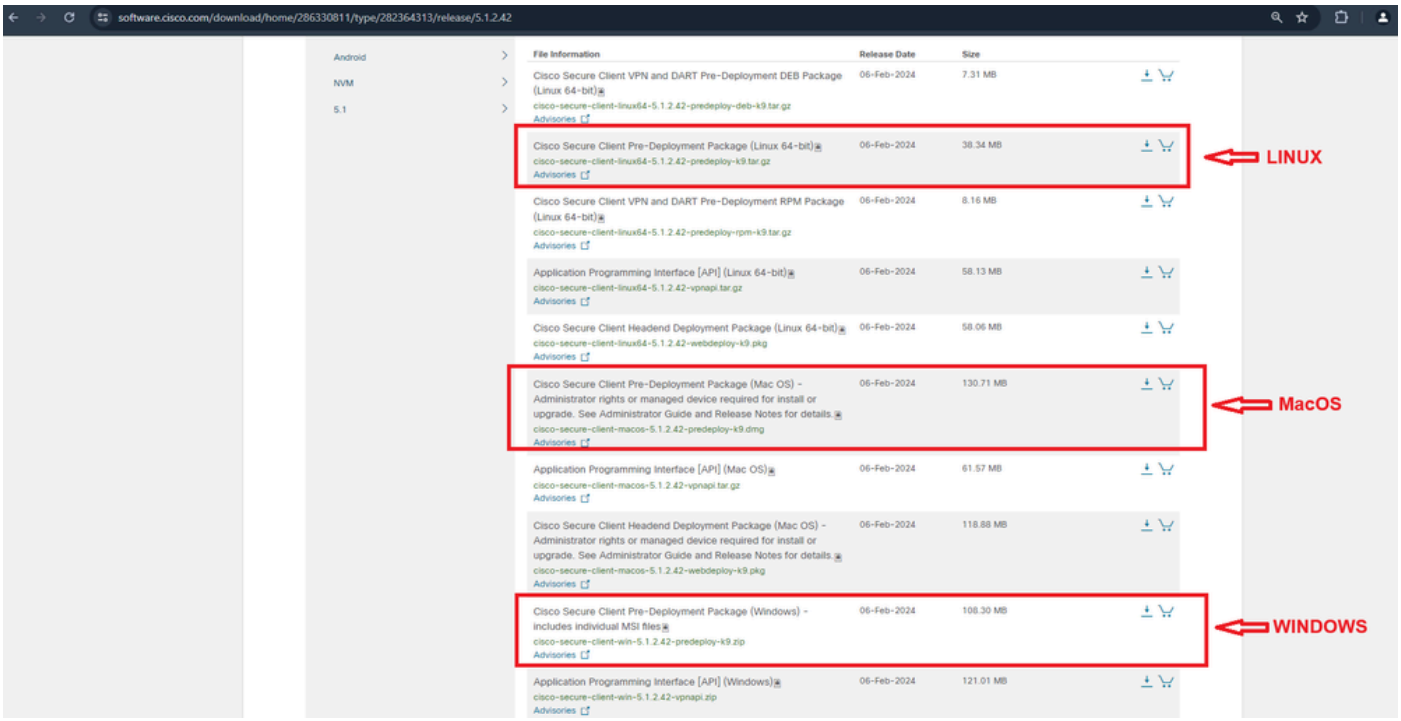
步骤

安装

在终端上安装DART有两种方法。您可以使用预部署软件包在目标PC上手动安装，也可以通过将其配置为分配的“组策略”，从ASA/FTD进行部署。

预部署包

步骤1.从思科软件网站下载每个操作系统的安全客户端预部署软件。

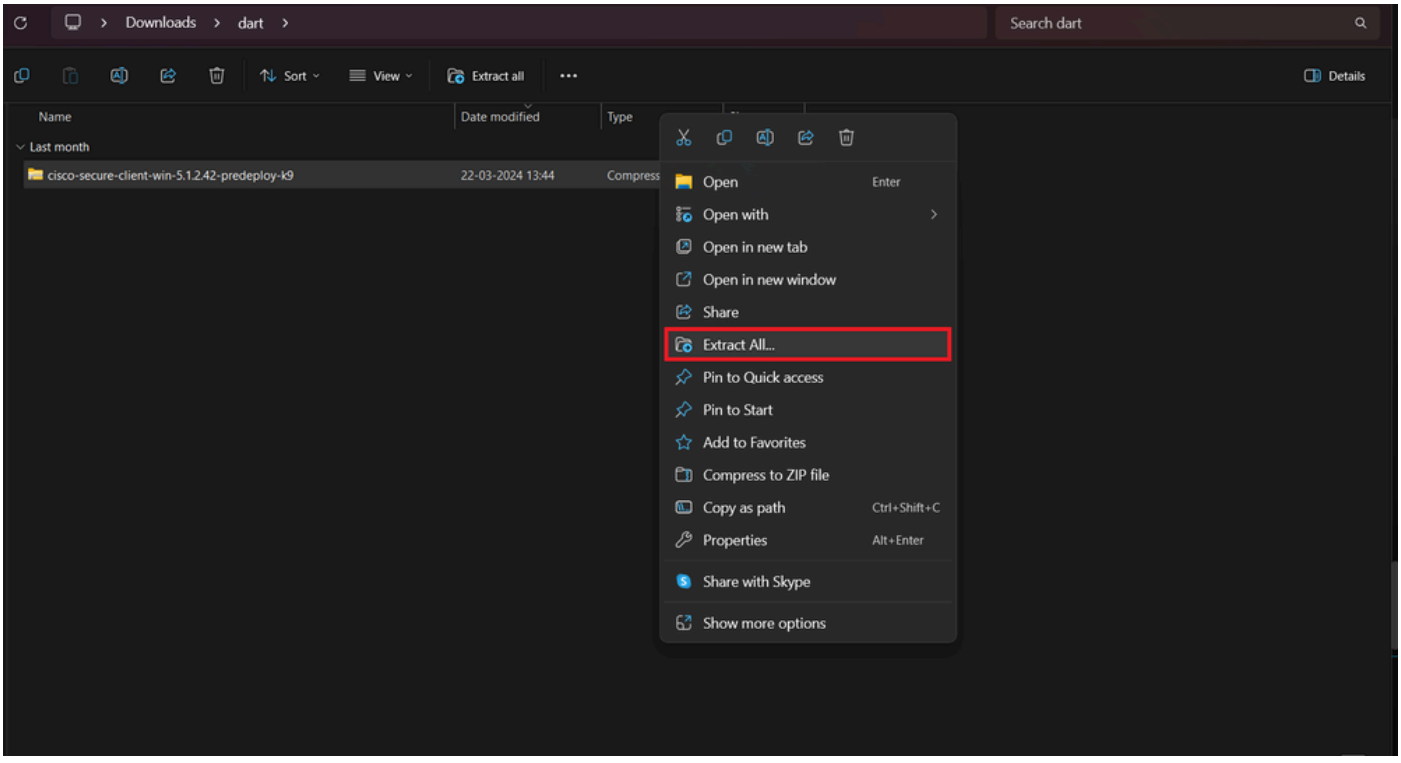


下载安全客户端软件包

步骤2.在不同操作系统上手动安装。

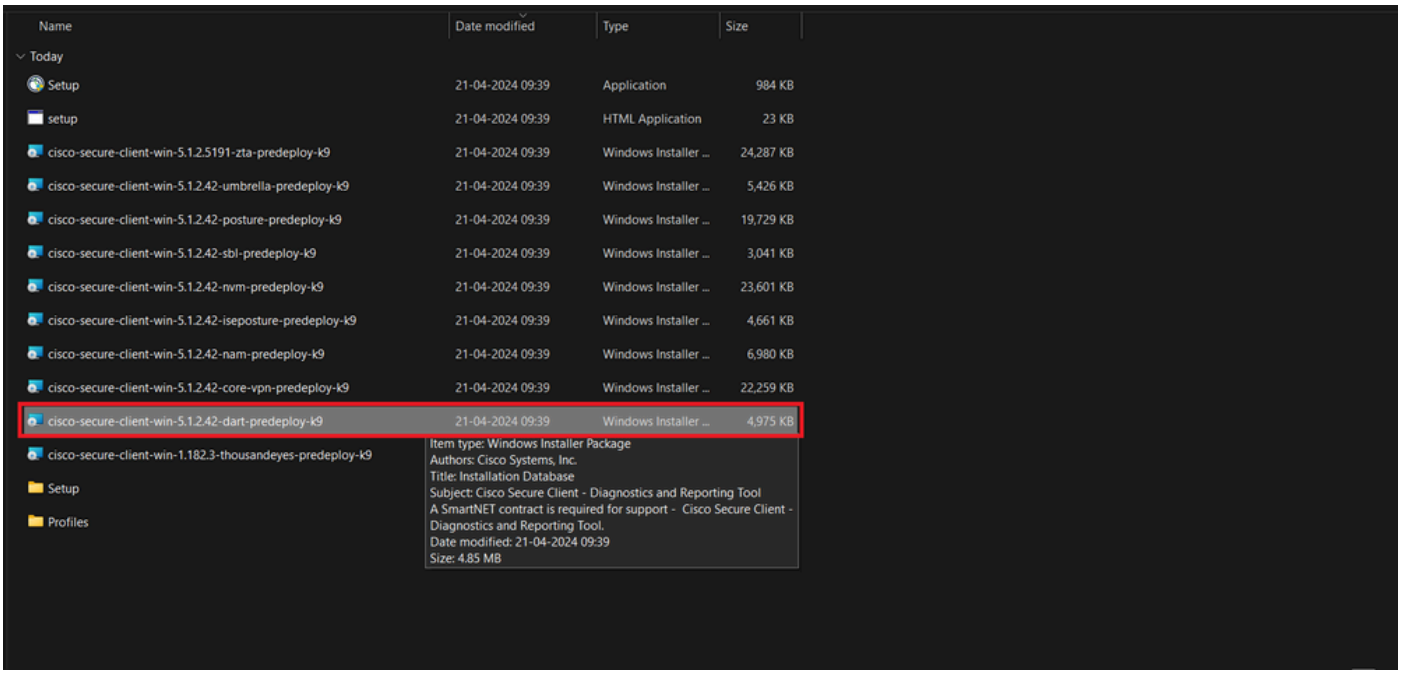
用于Windows的DART

1.提取预部署包。



提取预部署包

2.单击DART MSI安装程序。

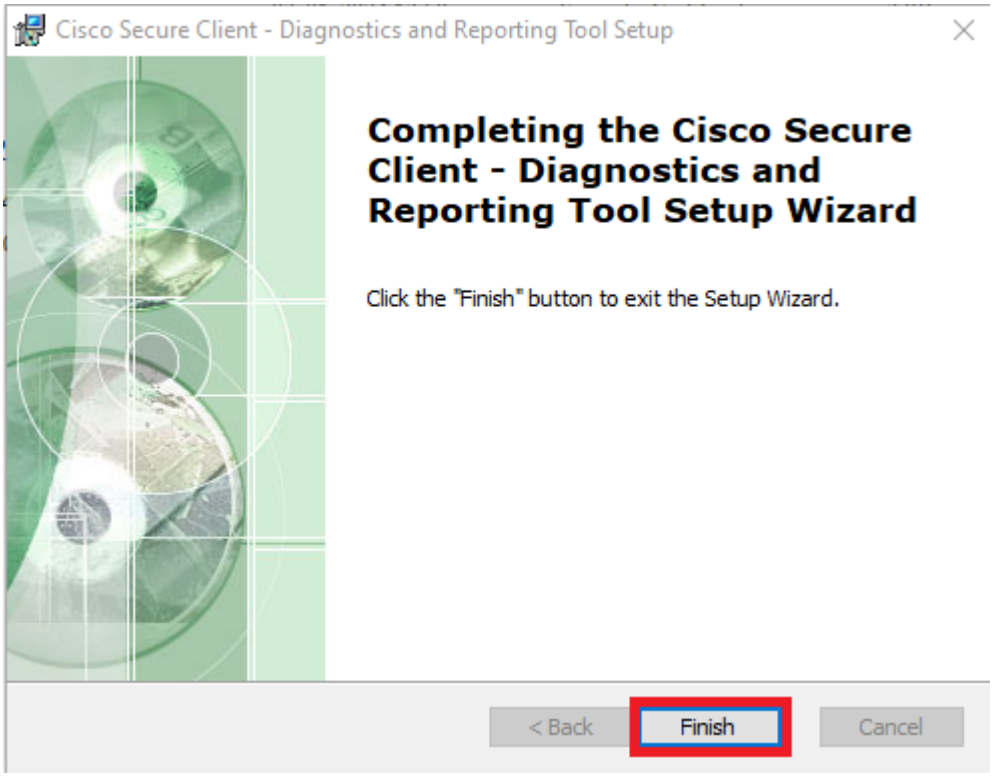


MSI安装程序

3.遵守有关安装DART的屏幕说明。


Cisco Secure Client - Diagnostics and Reporting Tool Setup
Welcome to the Cisco Secure Client - Diagnostics and Reporting Tool Setup Wizard
The Setup Wizard will allow you to change the way Cisco Secure Client - Diagnostics and Reporting Tool features are installed on your computer or even to remove Cisco Secure Client - Diagnostics and Reporting Tool from your computer. Click "Next" to continue or "Cancel" to exit the Setup Wizard.
< Back
Next >
Cancel

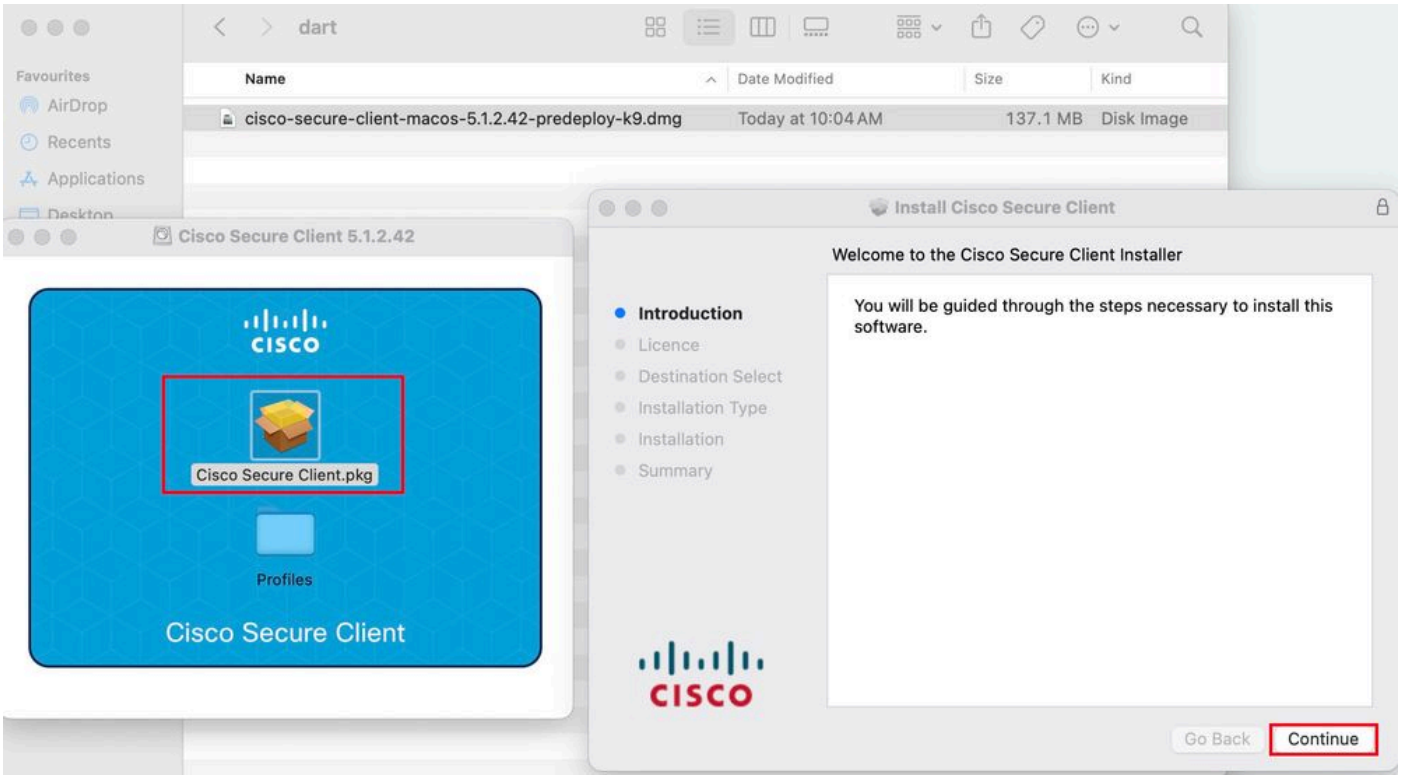
接下来继续


Cisco Secure Client - Diagnostics and Reporting Tool Setup
Completing the Cisco Secure Client - Diagnostics and Reporting Tool Setup Wizard
Click the "Finish" button to exit the Setup Wizard.
< Back
Finish
Cancel

安装已完成

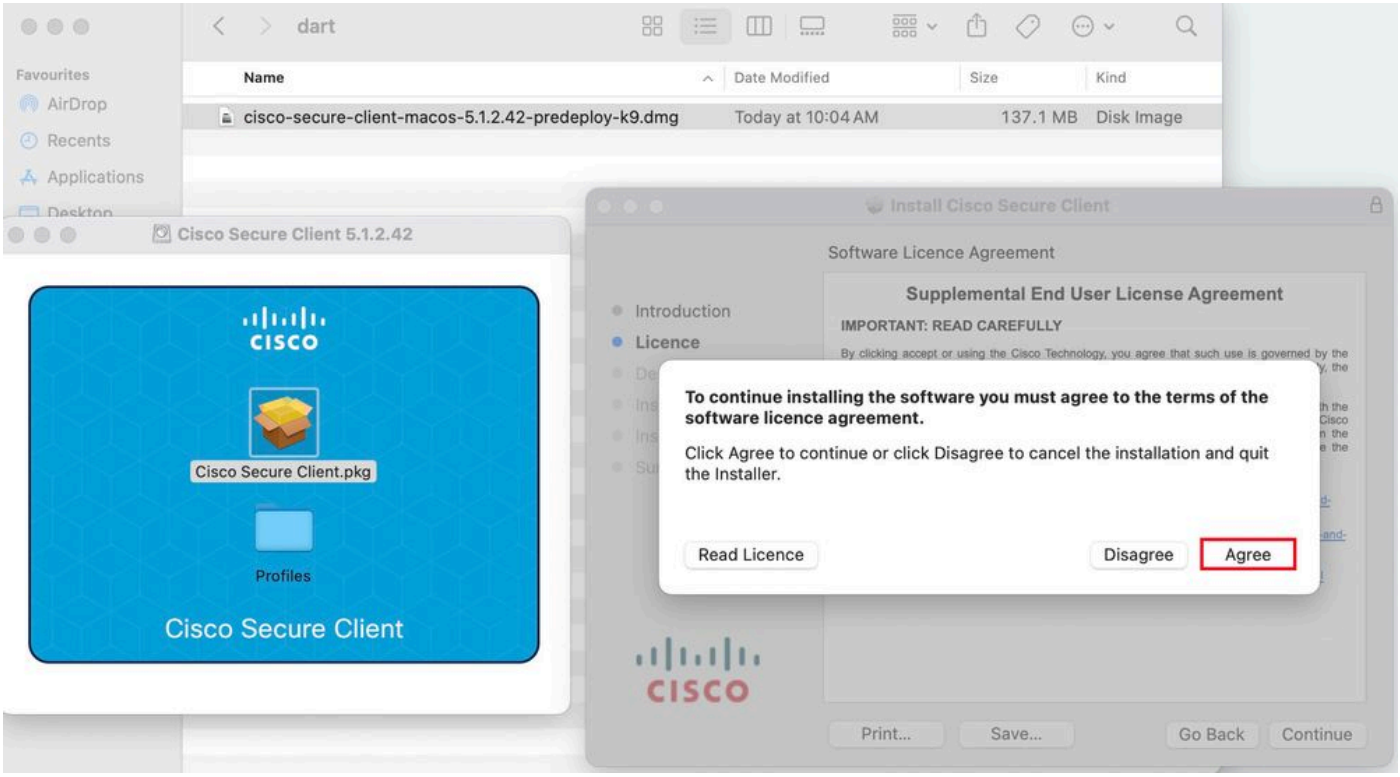
用于MacOS的DART

1.双击DMG安装程序文件，然后单击Cisco Secure Client.pkg。



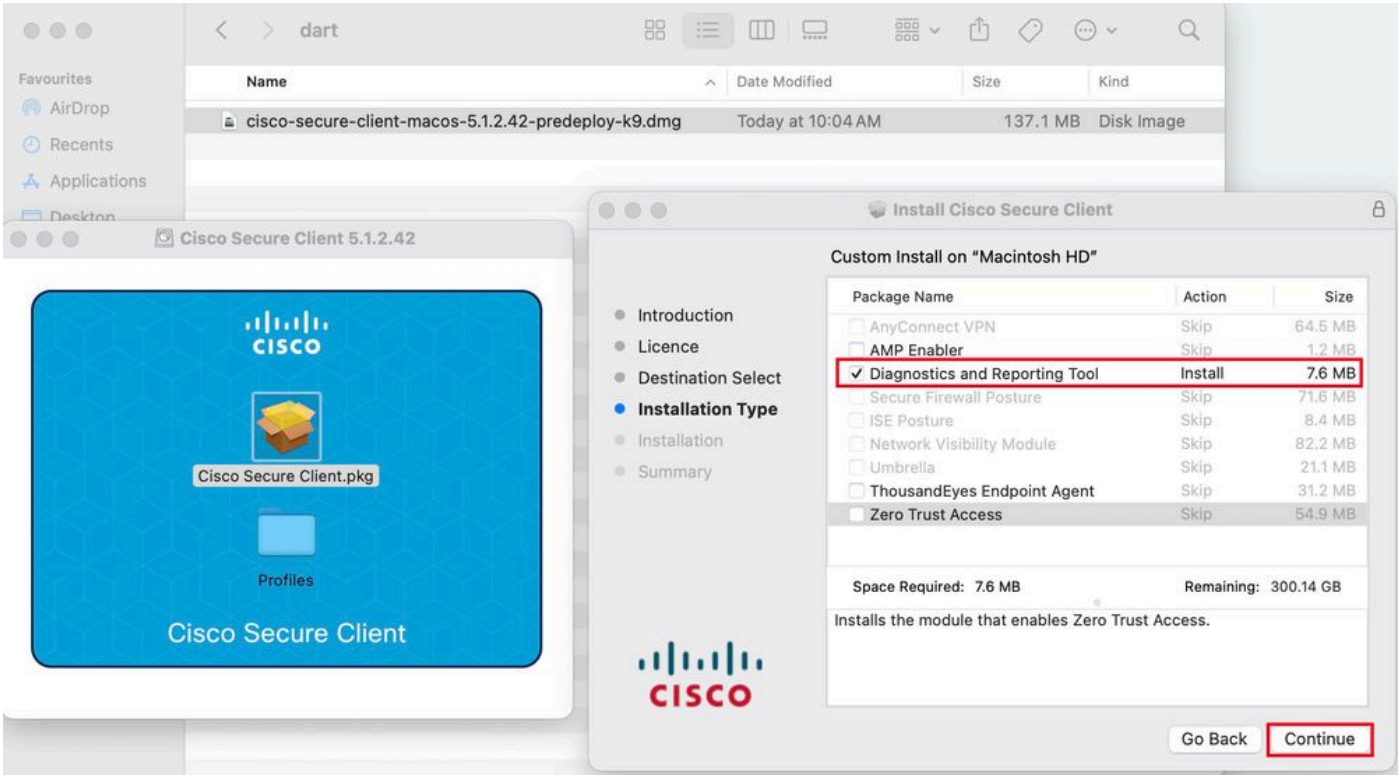
安装安全客户端包

2.阅读许可证并相应继续。



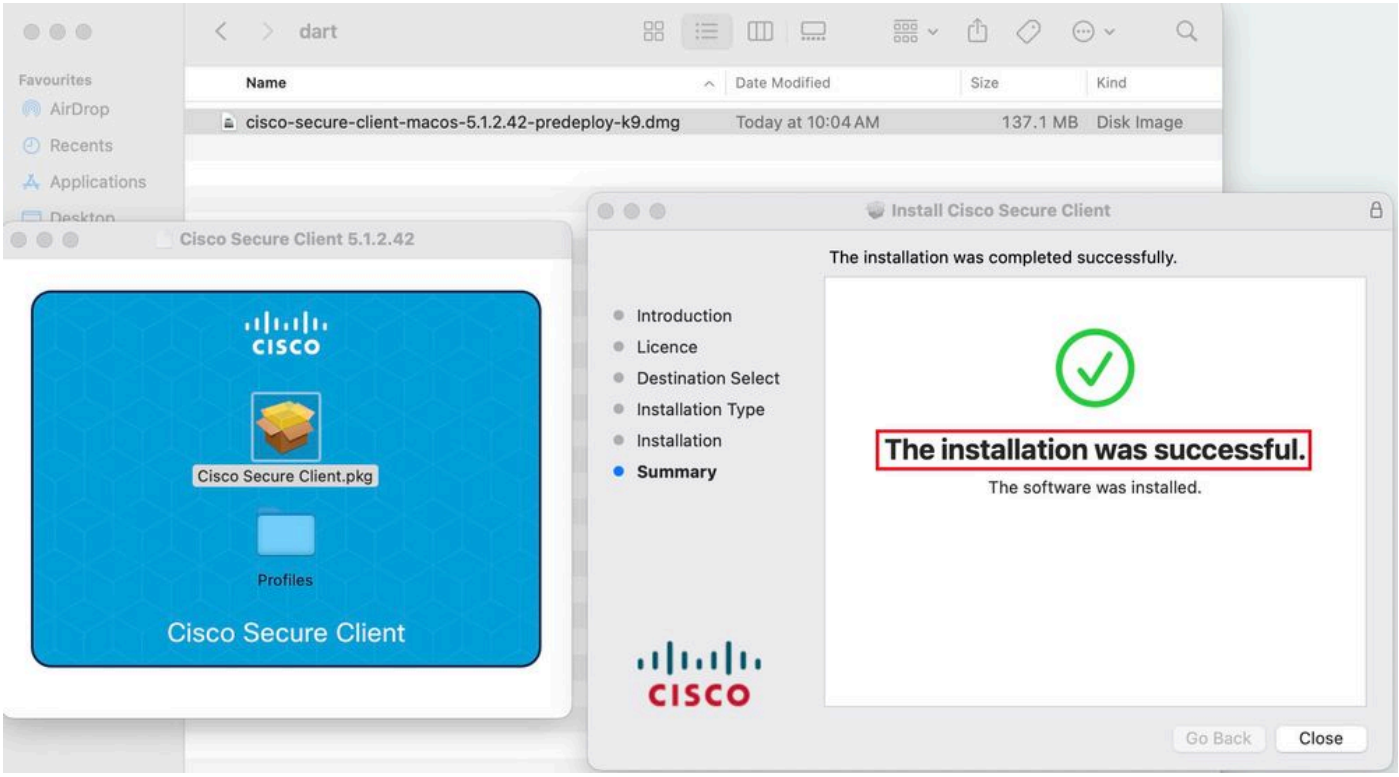
同意继续

3.选中Diagnostic and Reporting Tool ，然后单Continue击。



安装DART

4.遵守屏幕上的安装DART的说明。



安装已完成

Linux版DART

1.使用命令卸载Linux预部署软件包：

```
tar xvzf cisco-secure-client-linux64-5.1.2.42-predeploy-k9.tar.gz
```

```
[root@localhost dart]# ls
cisco-secure-client-linux64-5.1.2.42-predeploy-k9.tar.gz
[root@localhost dart]#
[root@localhost dart]# tar xvzf cisco-secure-client-linux64-5.1.2.42-predeploy-k9.tar.gz
cisco-secure-client-linux64-5.1.2.42/
cisco-secure-client-linux64-5.1.2.42/vpn/
cisco-secure-client-linux64-5.1.2.42/vpn/vpn_install.sh
cisco-secure-client-linux64-5.1.2.42/vpn/vpnagentd
cisco-secure-client-linux64-5.1.2.42/vpn/vpnagentd.service
cisco-secure-client-linux64-5.1.2.42/vpn/load_tun.sh
cisco-secure-client-linux64-5.1.2.42/vpn/vpn_uninstall.sh
cisco-secure-client-linux64-5.1.2.42/vpn/cisco_secure_client_uninstall.sh
cisco-secure-client-linux64-5.1.2.42/vpn/libacciscossl.so
cisco-secure-client-linux64-5.1.2.42/vpn/libacciscocrypto.so
cisco-secure-client-linux64-5.1.2.42/vpn/cfom.so
cisco-secure-client-linux64-5.1.2.42/vpn/libaccurl.so.4.8.0
cisco-secure-client-linux64-5.1.2.42/vpn/vpnui
cisco-secure-client-linux64-5.1.2.42/vpn/acwebhelper
cisco-secure-client-linux64-5.1.2.42/vpn/acextwebhelper
cisco-secure-client-linux64-5.1.2.42/vpn/com.cisco.secureclient.gui.desktop
cisco-secure-client-linux64-5.1.2.42/vpn/cisco-secure-client.menu
cisco-secure-client-linux64-5.1.2.42/vpn/cisco-secure-client.directory
cisco-secure-client-linux64-5.1.2.42/vpn/libvpnagentutilities.so
cisco-secure-client-linux64-5.1.2.42/vpn/libvpncommon.so
cisco-secure-client-linux64-5.1.2.42/vpn/libvpncommoncrypt.so
cisco-secure-client-linux64-5.1.2.42/vpn/libvpnapi.so
```

Untar Linux包

2. 导航至/cisco-secure-client-linux64-5.x/dart,然后执行 dart_install.sh.

```
[root@localhost dart]# ls
cisco-secure-client-linux64-5.1.2.42  cisco-secure-client-linux64-5.1.2.42-predeploy-k9.tar.gz
[root@localhost dart]#
[root@localhost dart]# cd cisco-secure-client-linux64-5.1.2.42/
[root@localhost cisco-secure-client-linux64-5.1.2.42]#
[root@localhost cisco-secure-client-linux64-5.1.2.42]#
[root@localhost cisco-secure-client-linux64-5.1.2.42]# ls
dart  iseposture  nvm  posture  vpn
[root@localhost cisco-secure-client-linux64-5.1.2.42]# cd dart/
[root@localhost dart]# ls
ACManifestDART.xml                        com.cisco.secureclient.dart.policy  license.txt
AMPEnabler.xml                            ConfigXMLSchema.xsd                 manifesttool_dart
AnyConnectConfig.xml                      dartcli                             NetworkVisibility.xml
BaseConfig.xml                            darthelper                          Posture.xml
cisco-secure-client-dart.directory        dart_install.sh                     RequestXMLSchema.xsd
cisco-secure-client-dart.menu             dartui                              resources
com.cisco.secureclient.dart.conf          dart_uninstall.sh                   SecureClientConfig.xml
com.cisco.secureclient.dart.desktop       DART.xml                            SecureClientUIConfig.xml
com.cisco.secureclient.dart.helper.service ISEPosture.xml                     Umbrella.xml
[root@localhost dart]#
[root@localhost dart]# ./dart_install.sh
Installing Cisco Secure Client - Diagnostics and Reporting Tool...
```

安装DART

3.接受条款和许可协议以安装DART。

```
Installing Cisco Secure Client - Diagnostics and Reporting Tool...
Supplemental End User License Agreement

IMPORTANT: READ CAREFULLY

By clicking accept or using the Cisco Technology, you agree that such use is governed by the Cisco End User License Agreement
and the applicable Product Specific Terms (collectively, the "EULA"). You also acknowledge and agree that you have read the "C
isco Privacy Statement".

If you do not have authority to bind your company and its affiliates, or if you do not agree with the terms of the EULA, do no
t click 'accept' and do not use the Cisco Technology.  If you are a Cisco channel partner accepting on behalf of an end custom
er ("customer"), you must inform the customer that the EULA applies to customer's use of the Cisco Technology and provide the
customer with access to all relevant terms.

The latest version of documents can be found at the following locations.
- Cisco End User License Agreement: https://www.cisco.com/c/en/us/about/legal/cloud-and-software/end_user_license_agreement.ht
ml
- Applicable Product Specific Terms: https://www.cisco.com/c/en/us/about/legal/cloud-and-software/software-terms.html
- Cisco Privacy Statement: https://www.cisco.com/c/en/us/about/legal/privacy-full.html
Do you accept the terms in the license agreement? [y/n] y
You have accepted the license agreement.
Please wait while Cisco Secure Client - Diagnostics and Reporting Tool is being installed...
Installing Cisco Secure Client - Diagnostics and Reporting Tool...
Done!
[root@localhost dart]#
```

接受协议

4.安装完成后，可以从以下位置访问DART和安全客户端：

- Application > Internet > Cisco Secure Client
- **Application** > **Internet** > **Cisco Secure Client** - **DART**

从ASA/FTD部署

在用户远程连接访问VPN时，ASA和FTD等前端支持将各种AnyConnect模块（包括DART、VPNGINA和AMP启用程序）部署到终端。

FTD

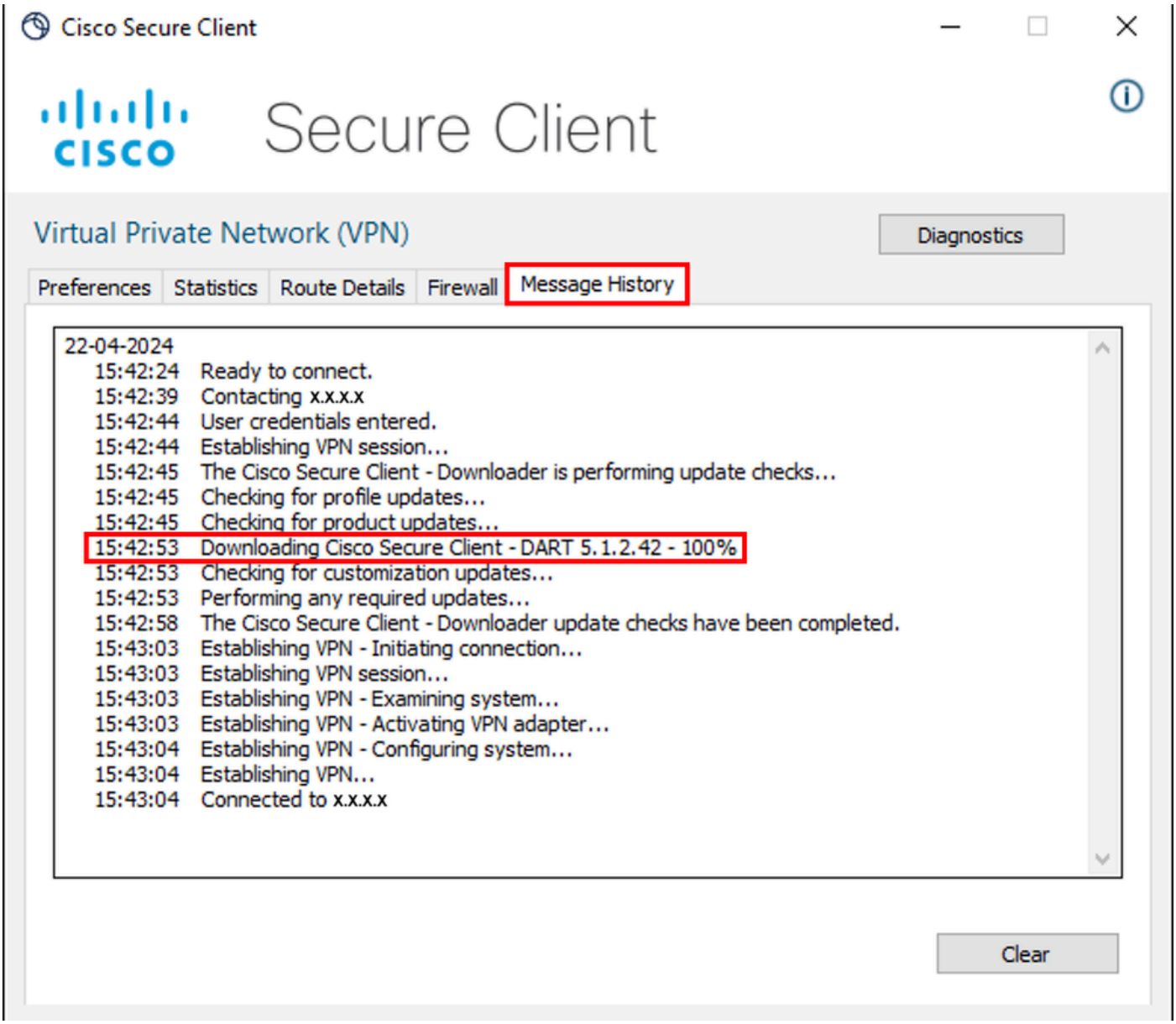
如果从FMC或FDM管理FTD，请查看DART指南，了解部署和使用组策略的其他模块说明。

ASA

在组策略的目标webvpn部分配置dart模块AnyConnect值：

```
group-policy NAME_OF_GROUP_POLICY internal
group-policy NAME_OF_GROUP_POLICY attributes
 dns-server value 8.8.8.8
 vpn-tunnel-protocol ssl-client
 split-tunnel-policy tunnelspecified
 split-tunnel-network-list value split-acl
 webvpn
  anyconnect modules value dart
  anyconnect profiles value Asa type user
```

1. 建立到ASA/FTD的成功连接。
2. 导航至Settings > VPN > Message History，查看已下载模块的详细信息。

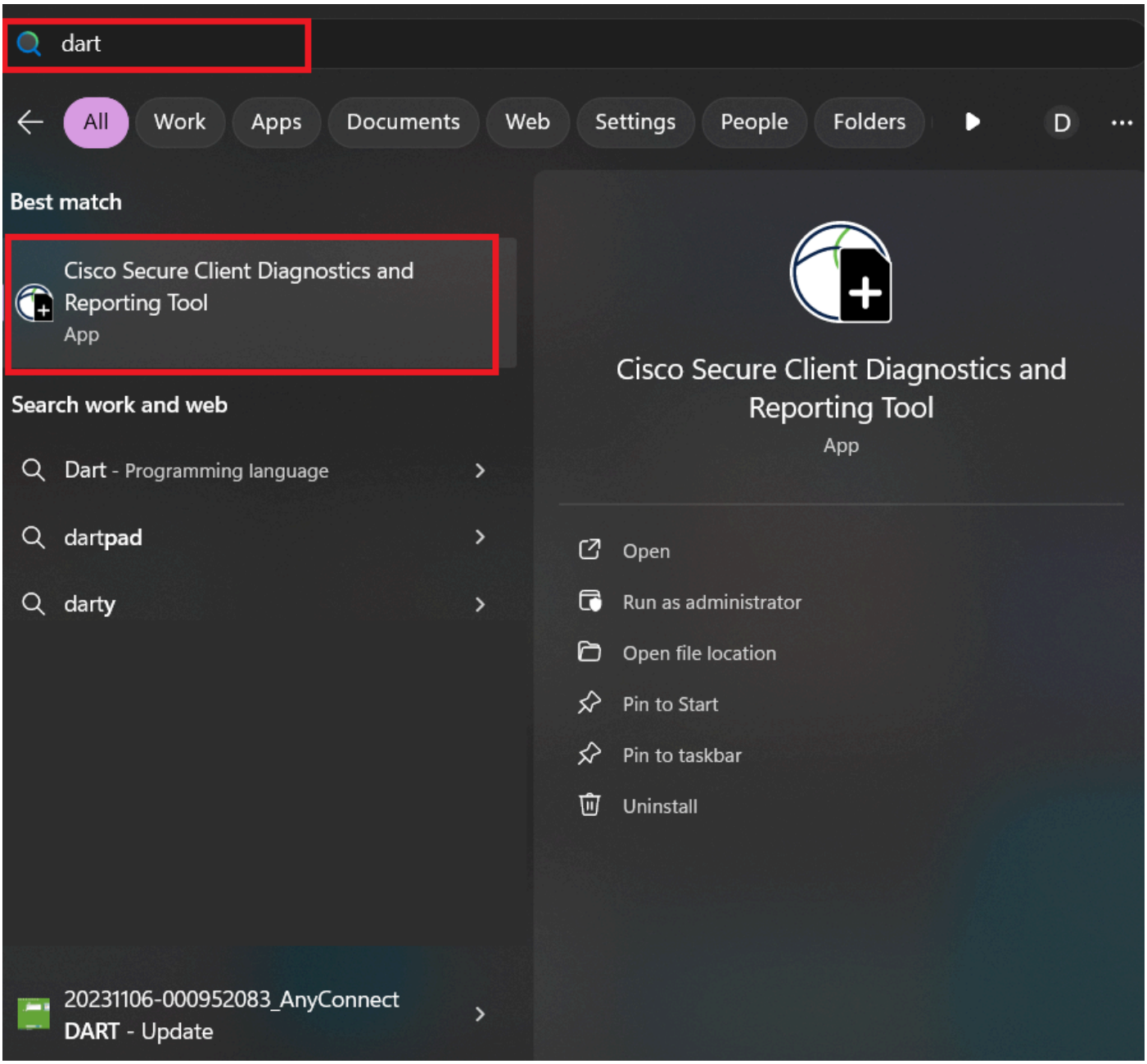


下载模块

收集DART套件

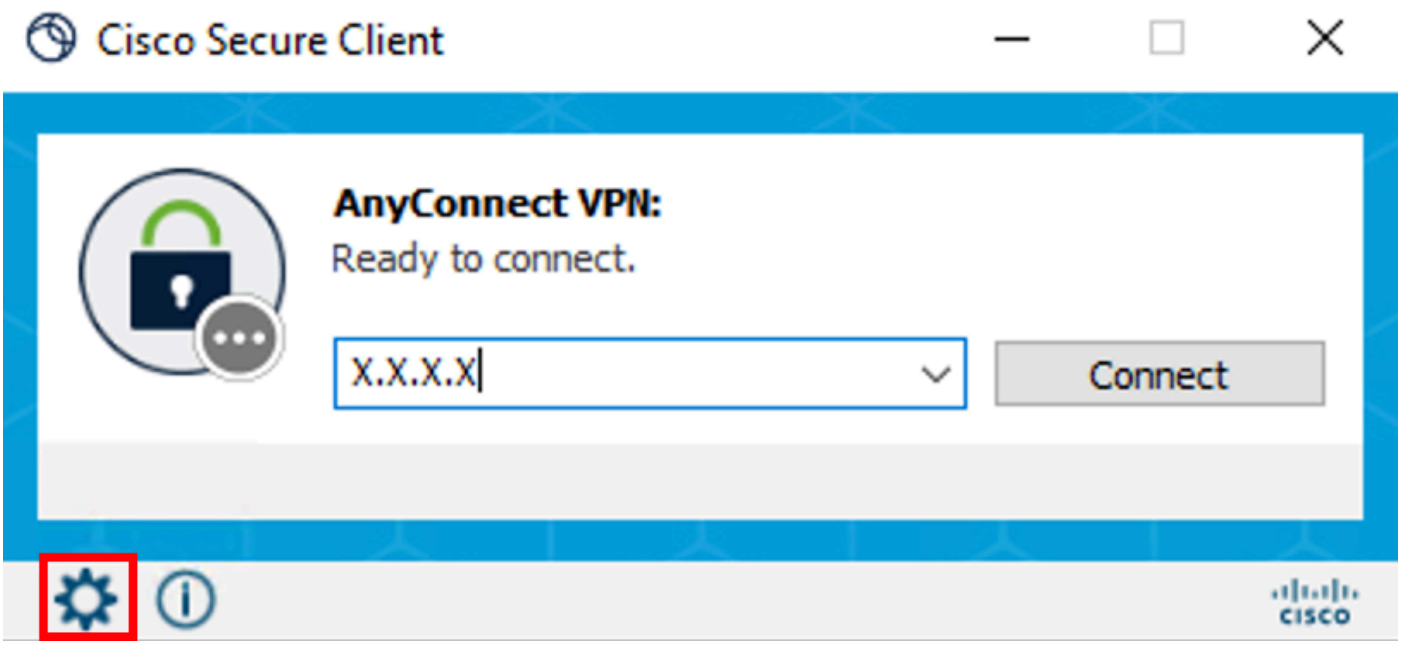
Windows 窗口版本

步骤1.从开始菜单或Cisco安全客户端启动DART。


dart
All
Work
Apps
Documents
Web
Settings
People
Folders
D
Best match
Cisco Secure Client Diagnostics and Reporting Tool
App
Search work and web
Dart - Programming language
dartpad
darty
20231106-000952083_AnyConnect
DART - Update
Cisco Secure Client Diagnostics and Reporting Tool
App
Open
Run as administrator
Open file location
Pin to Start
Pin to taskbar
Uninstall

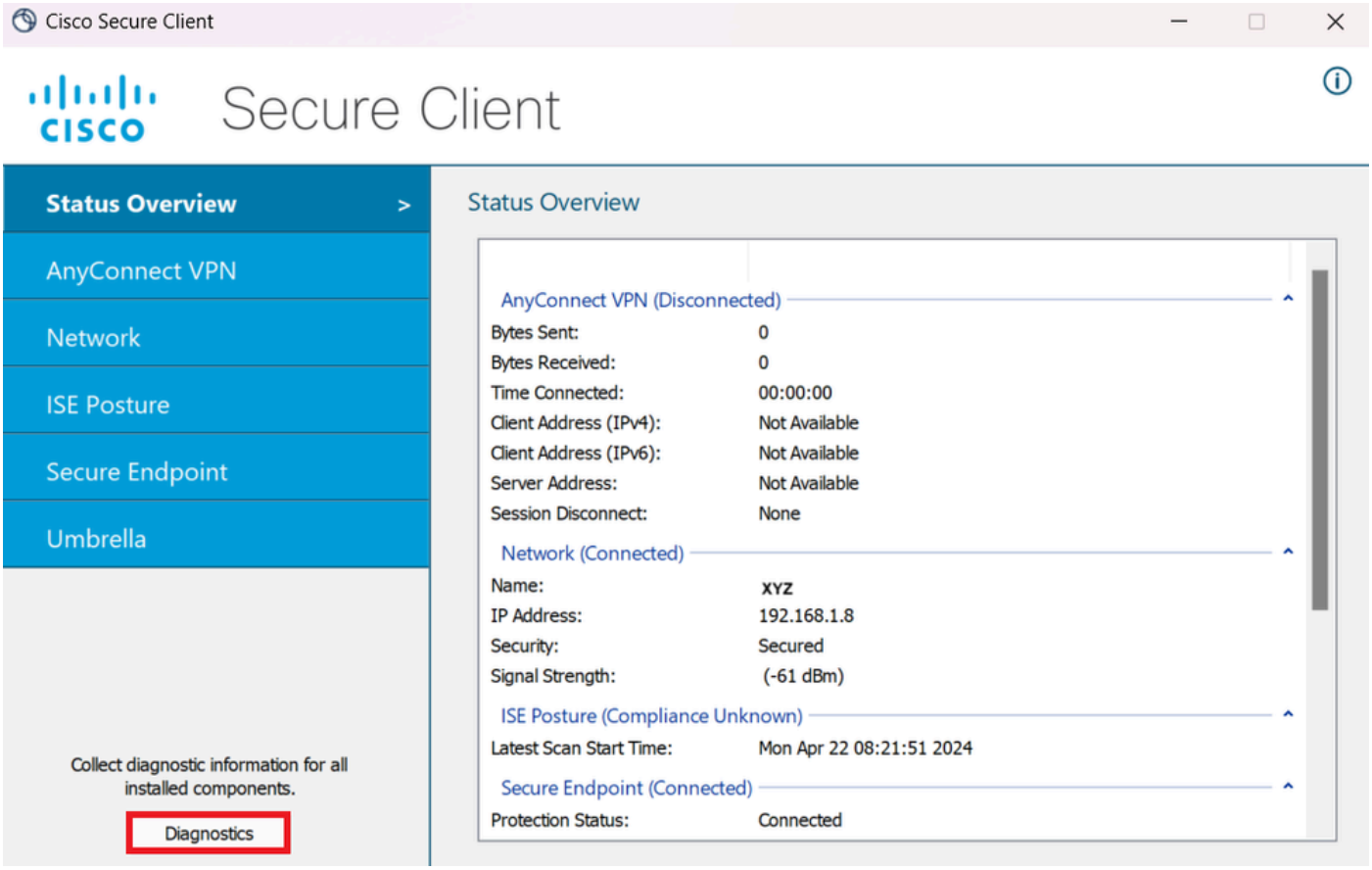
开始菜单

或者



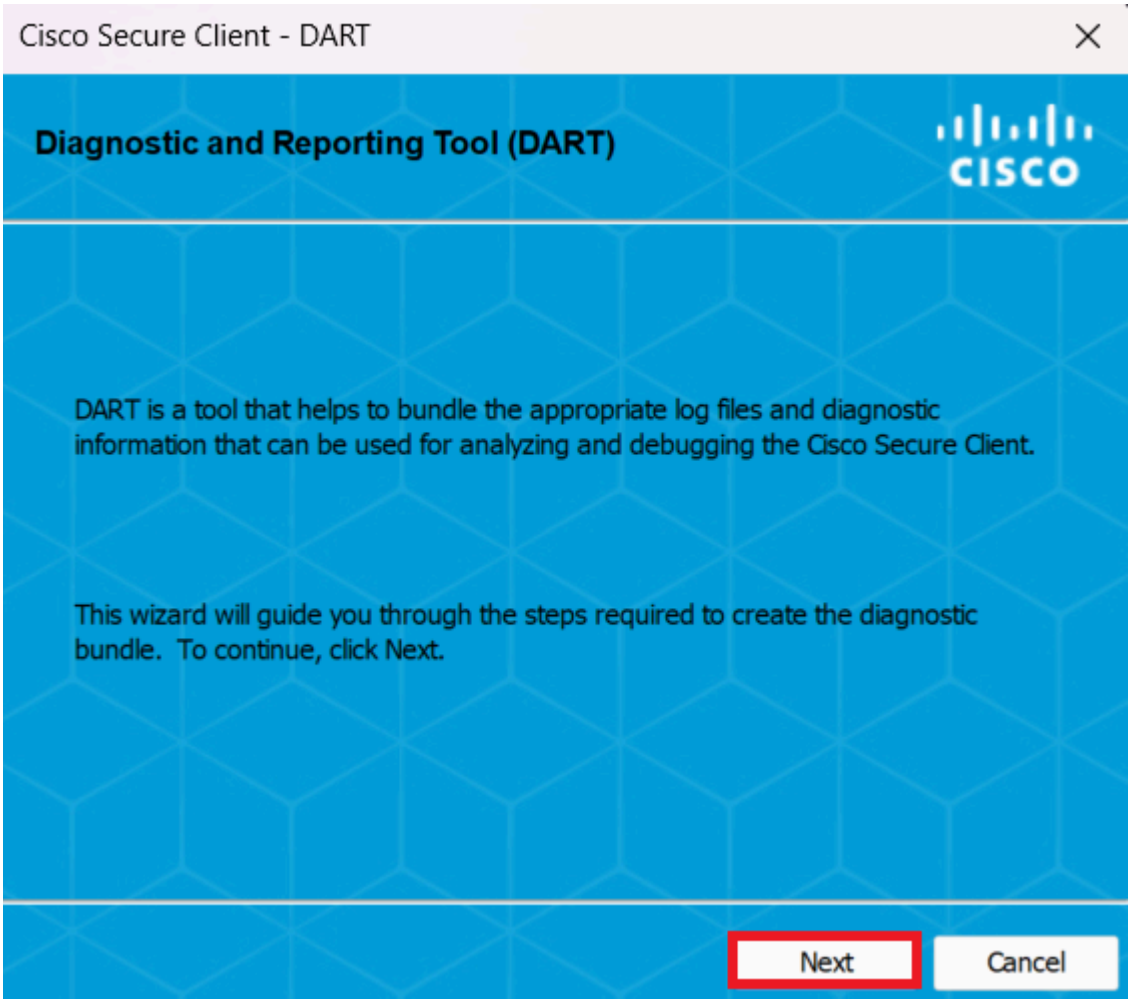
思科安全客户端

步骤2.单击诊断收集DART日志。



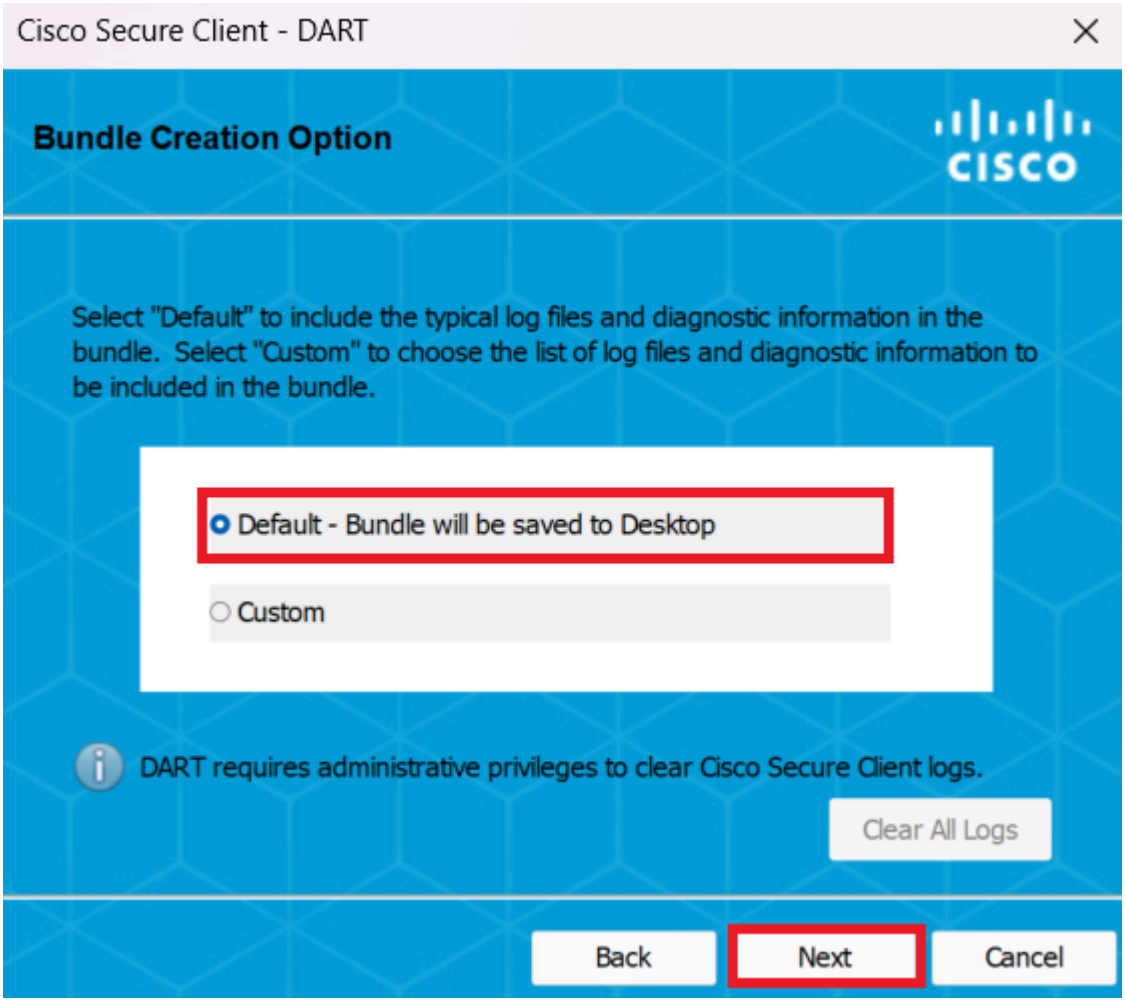
启动诊断

步骤3.按照屏幕上的说明收集DART套件。



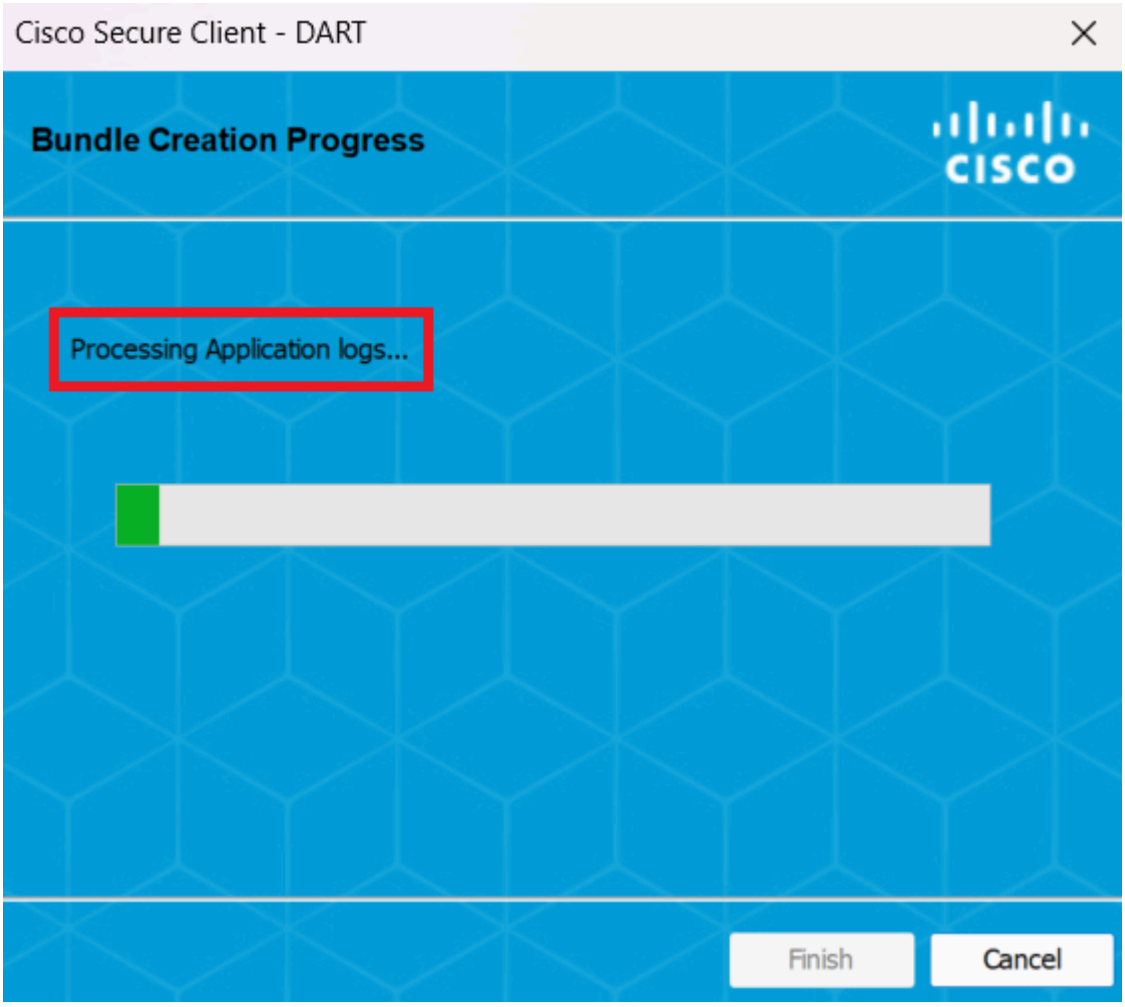
DART — 下一步

步骤4.选择Default选项将DART捆绑包保存在桌面上，然后单击Next。



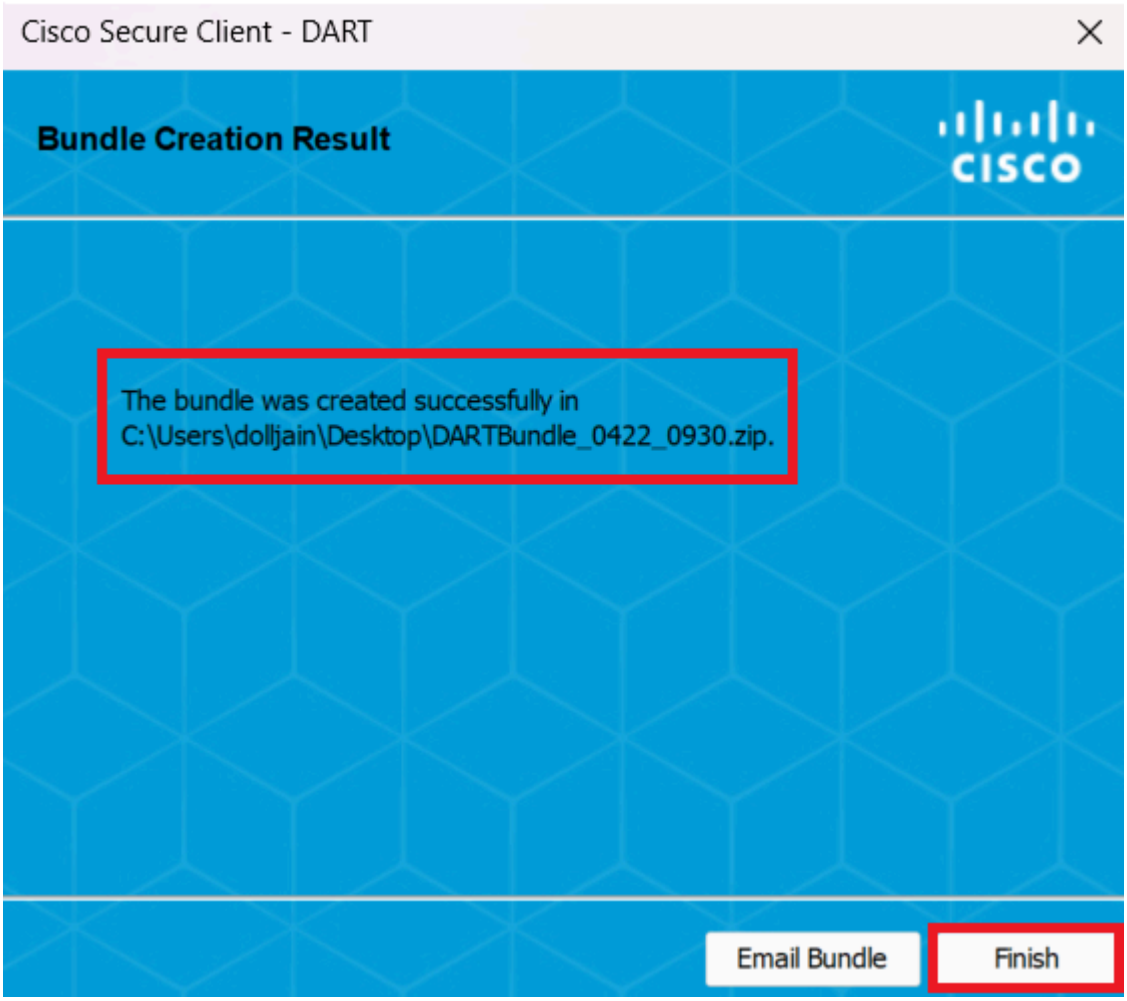
捆绑包创建选项

步骤5. Windows开始处理和收集日志。



正在处理日志

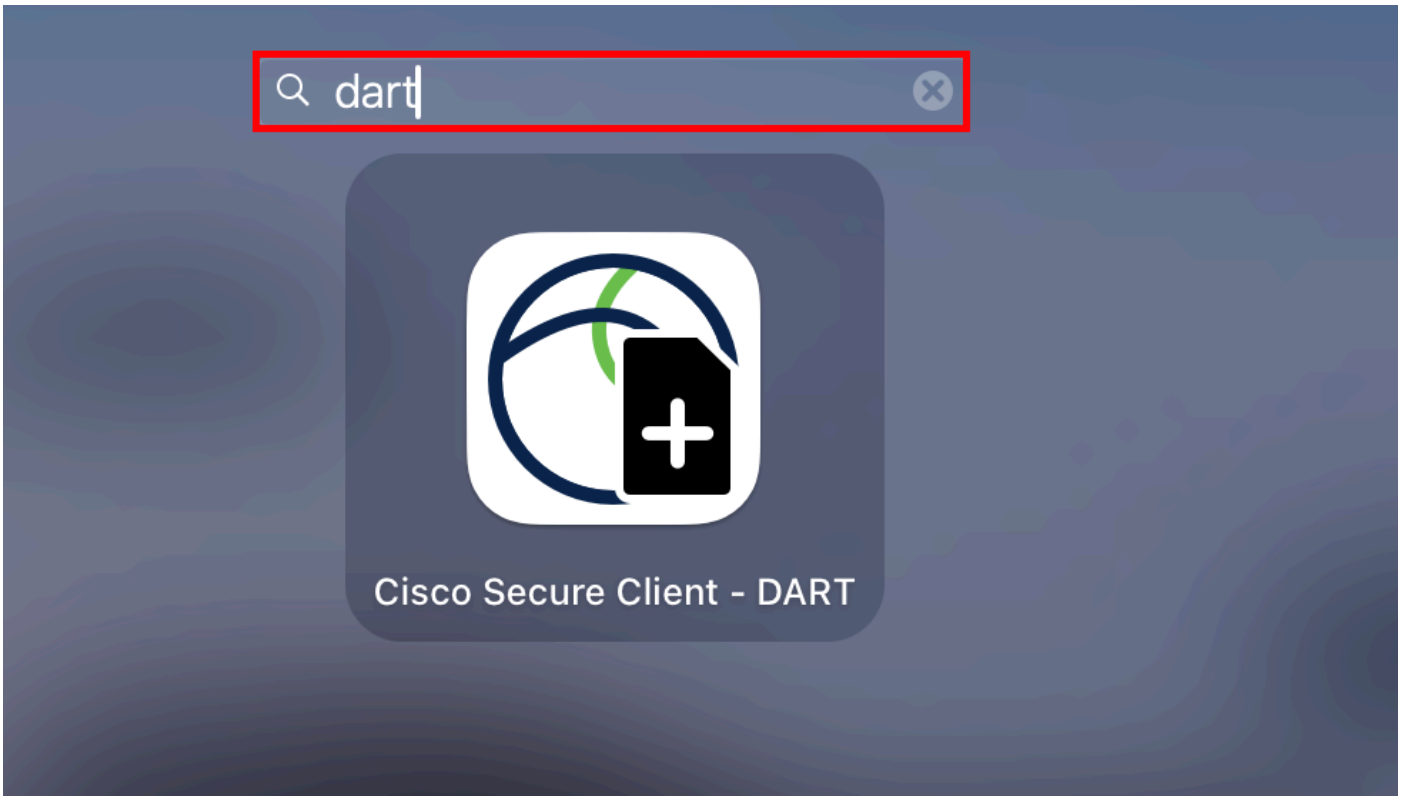
步骤6.处理后，DART捆绑包默认保存在桌面上。



已创建DART

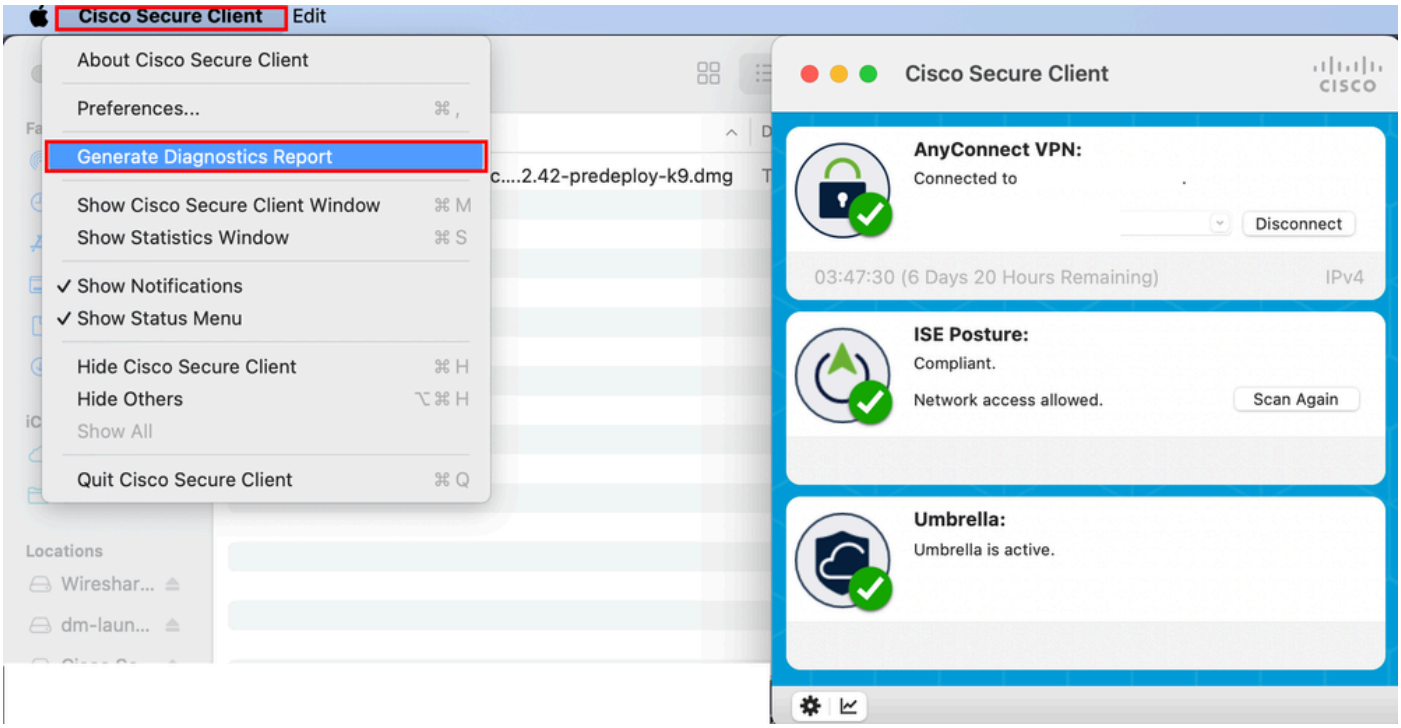
MacOS

步骤1.单击Generating Diagnostics Report，从Mac Launchpad或Cisco Secure Client启动DART。



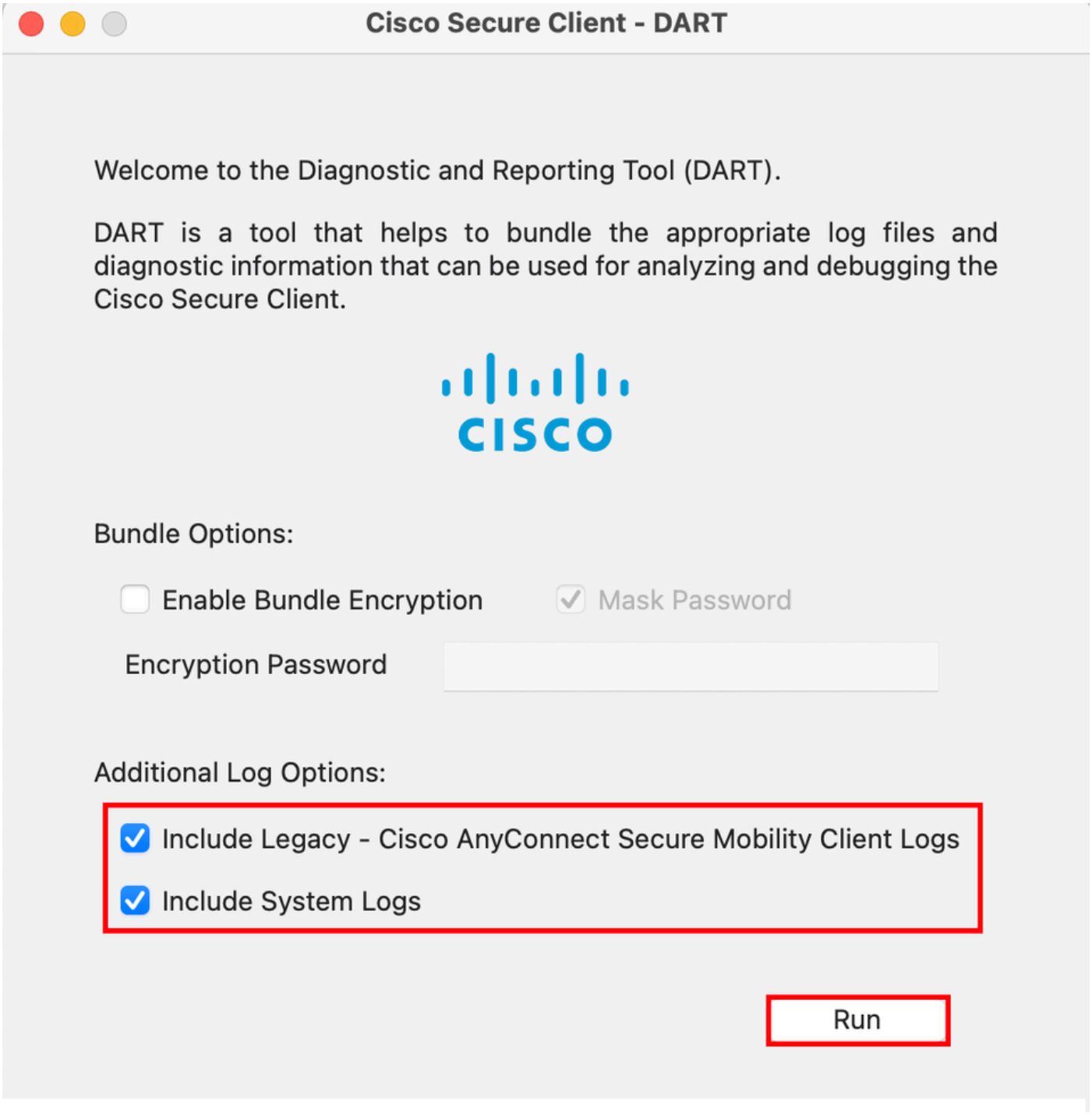
Mac启动板

或者



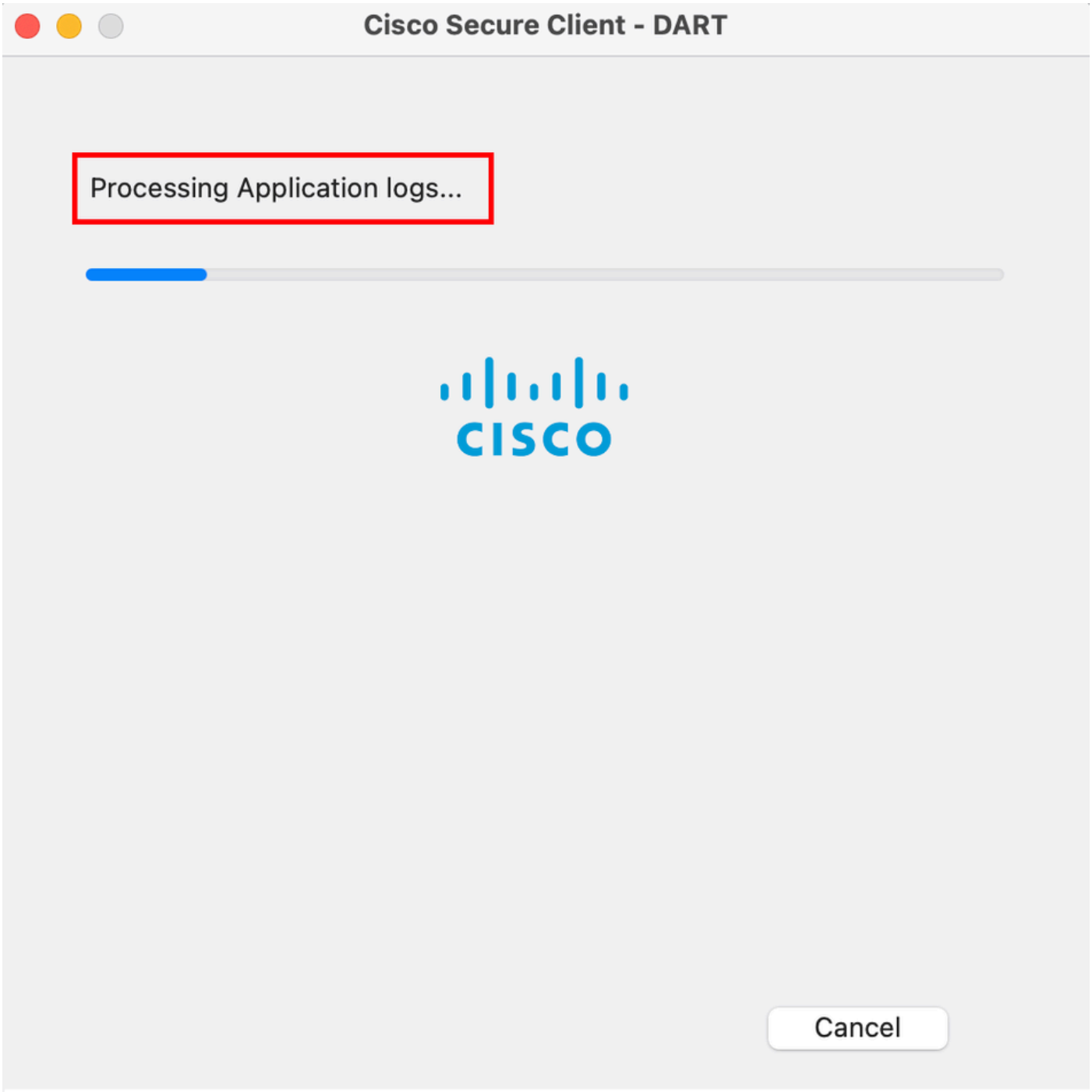
思科安全客户端

步骤2.根据要求选择其他日志选项以包括旧日志和系统日志，然后点击Run。



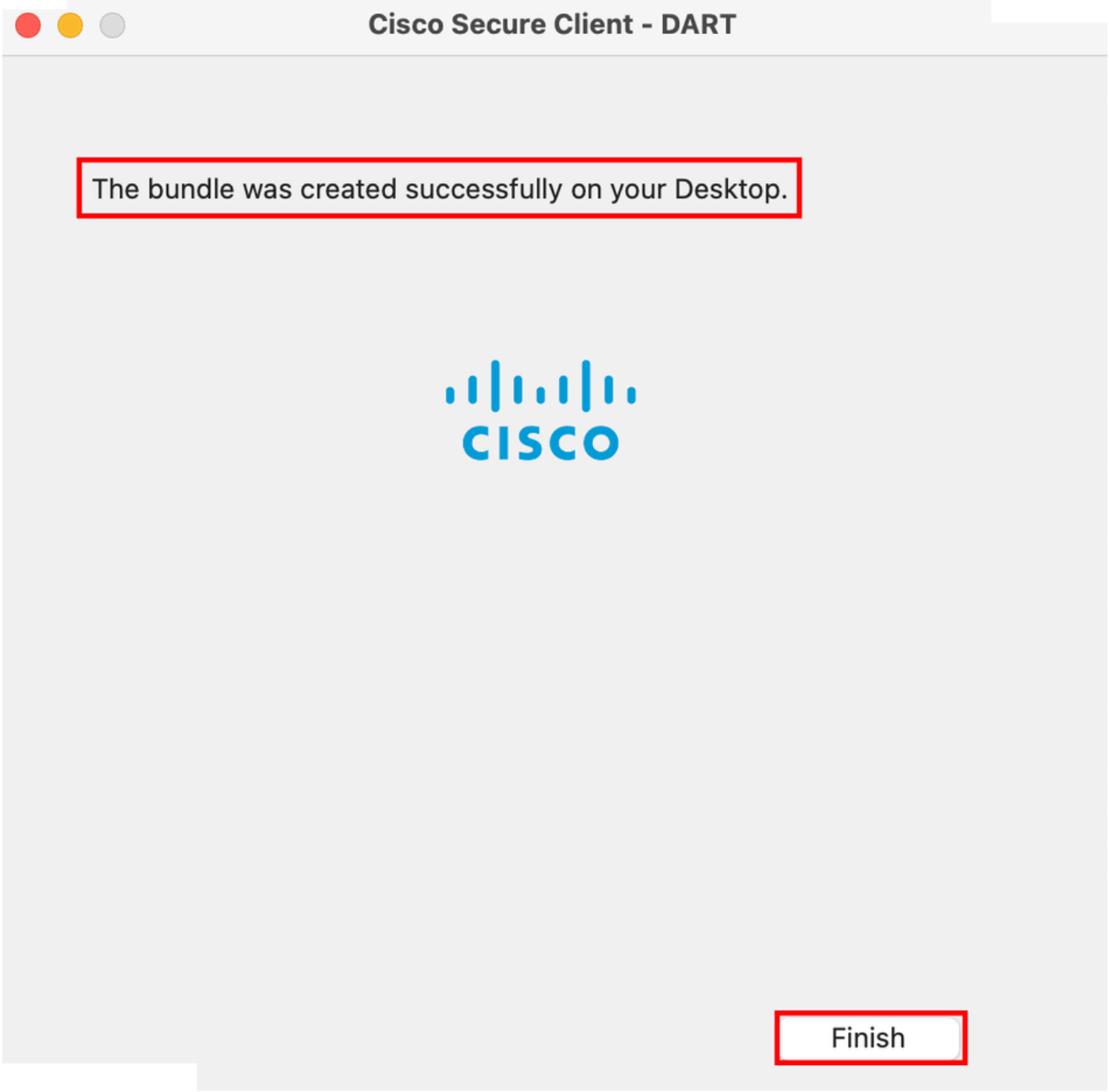
其他日志选项

步骤3. MacOS开始处理和收集日志。



处理日志

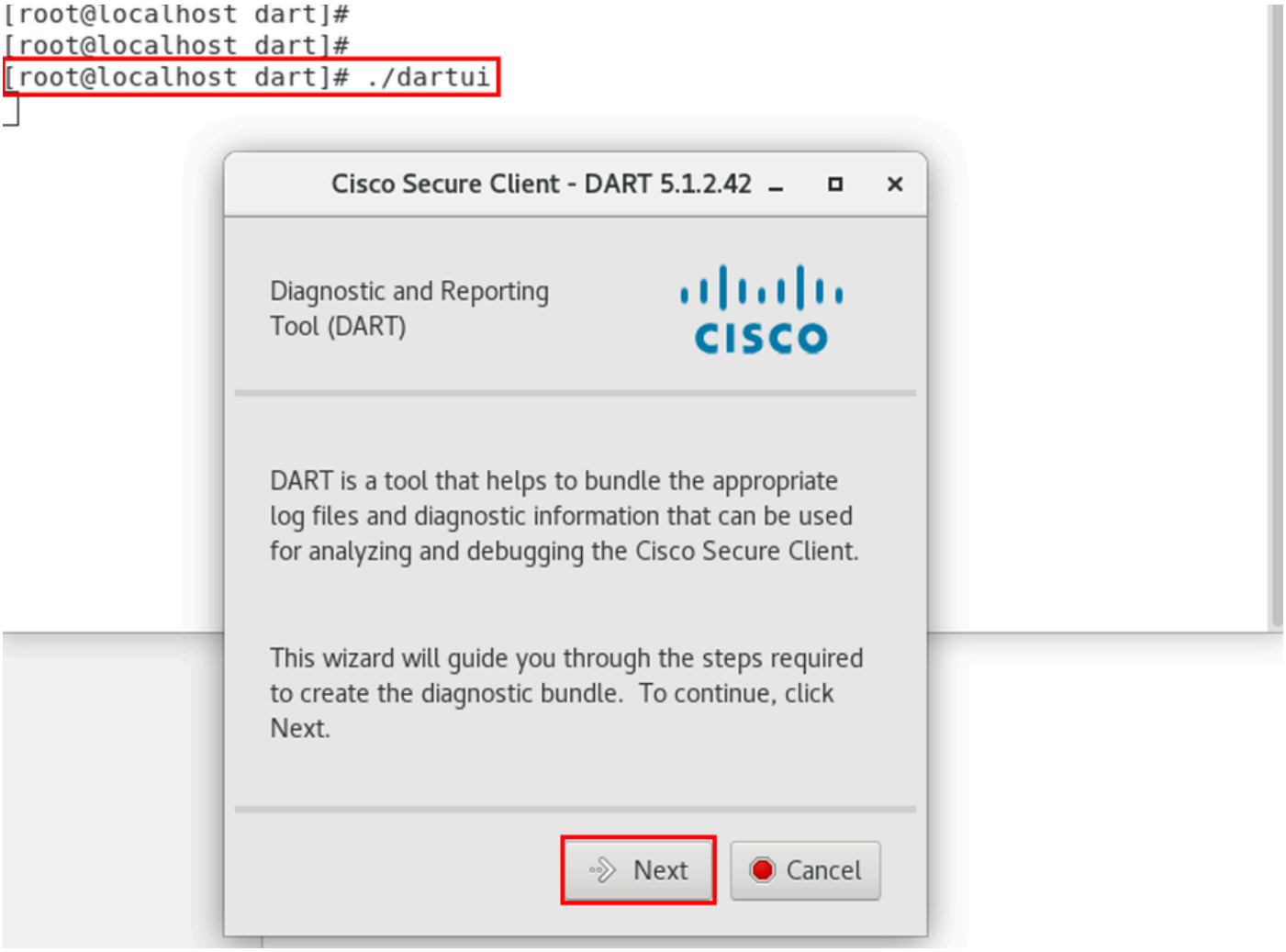
步骤4.处理后，DART捆绑包默认保存在桌面上。



已创建DART捆绑包

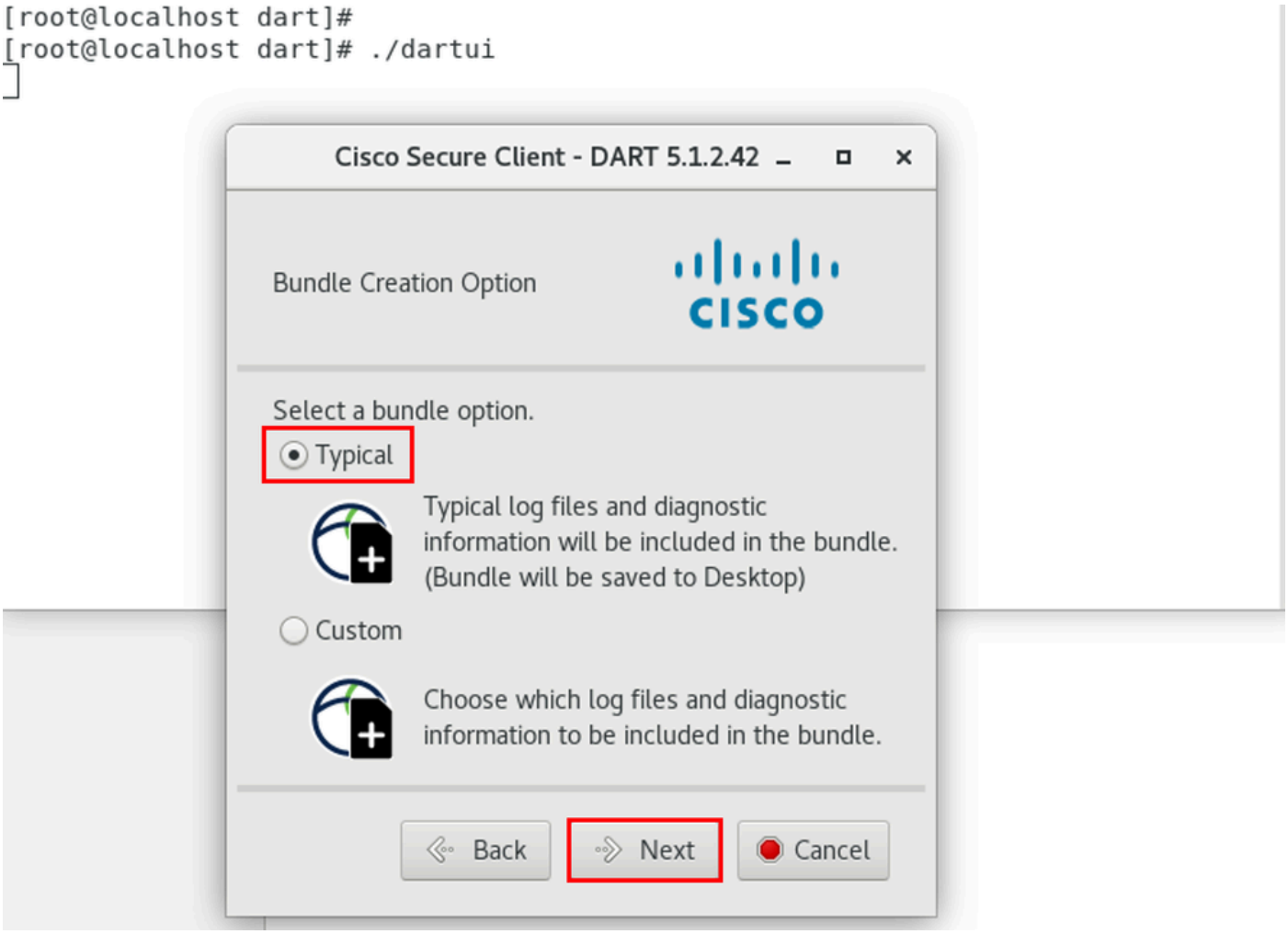
Linux

步骤1.导航到/opt/cisco/secureclient/dart/并执行dartui.“DART的GUI在屏幕上打开；单击。Next



DART启动

Typical 步骤2.选择用于收集日志和诊断信息的捆绑包选项，然后单击 **Next**.



捆绑包选件

步骤3.单击Finish，默认情况下将DART捆绑包保存在桌面上。



已创建DART捆绑包

故障排除

本部分提供的信息可用于对配置进行故障排除。

使用指南关联和识别DART中的日志，以解决安全客户端相关问题。

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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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