

收集安全客戶端的DART捆綁包

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簡介

本文檔介紹DART，它是用於收集思科安全客戶端故障排除資料以進行思科TAC分析的工具。DART嚮導運行在運行Cisco Secure Client的裝置上，可以從安全客戶端啟動，也可以單獨啟動，而無需安全客戶端。

必要條件

需求

思科建議您瞭解以下主題：

- 思科安全使用者端5.x
- 調適型安全裝置(ASA)
- Firepower Threat Defense (FTD)

採用元件

本檔案中的資訊是根據以下作業系統而建立：

- Windows
- MacOS
- Linux

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

程式

安裝

在終端上安裝DART的方法有兩種。我們可以在目標PC上手動使用預部署軟體套件進行安裝，或者可以透過在分配的「組策略」下配置從ASA/FTD進行部署。

預先部署套件

步驟 1. 請從[思科軟體](#)站點按作業系統下載安全客戶端預部署軟體套件。

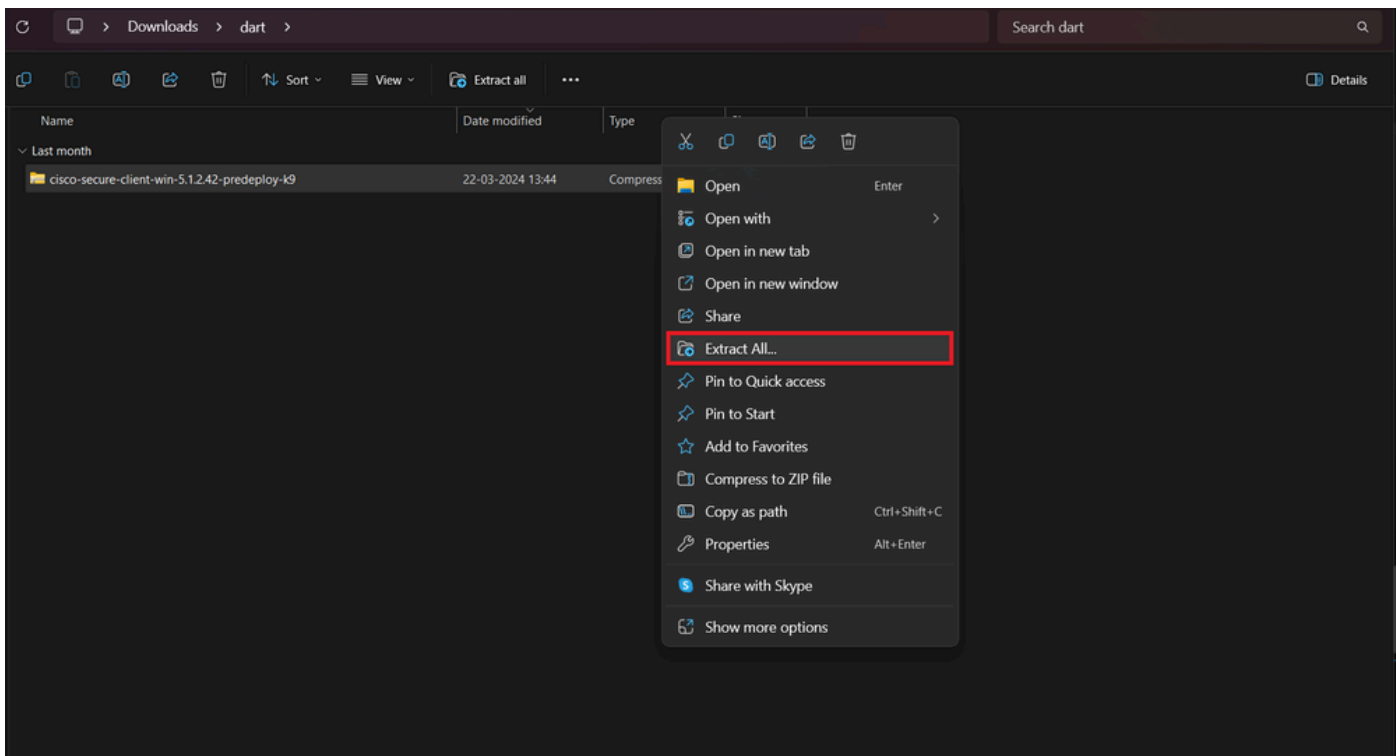
File Information	Release Date	Size
Cisco Secure Client VPN and DART Pre-Deployment DEB Package (Linux 64-bit)	06-Feb-2024	7.31 MB
Cisco Secure Client Pre-Deployment Package (Linux 64-bit)	06-Feb-2024	38.34 MB
Cisco Secure Client VPN and DART Pre-Deployment RPM Package (Linux 64-bit)	06-Feb-2024	8.16 MB
Application Programming Interface [API] (Linux 64-bit)	06-Feb-2024	58.13 MB
Cisco Secure Client Headend Deployment Package (Linux 64-bit)	06-Feb-2024	58.06 MB
Cisco Secure Client Pre-Deployment Package (Mac OS) - Administrator rights or managed device required for install or upgrade. See Administrator Guide and Release Notes for details	06-Feb-2024	130.71 MB
Application Programming Interface [API] (Mac OS)	06-Feb-2024	61.57 MB
Cisco Secure Client Headend Deployment Package (Mac OS) - Administrator rights or managed device required for install or upgrade. See Administrator Guide and Release Notes for details	06-Feb-2024	118.88 MB
Cisco Secure Client Pre-Deployment Package (Windows) - Includes individual MSI files	06-Feb-2024	108.30 MB
Application Programming Interface [API] (Windows)	06-Feb-2024	121.01 MB

下載安全客戶端軟體套件

步驟 2. 在不同作業系統上手動安裝。

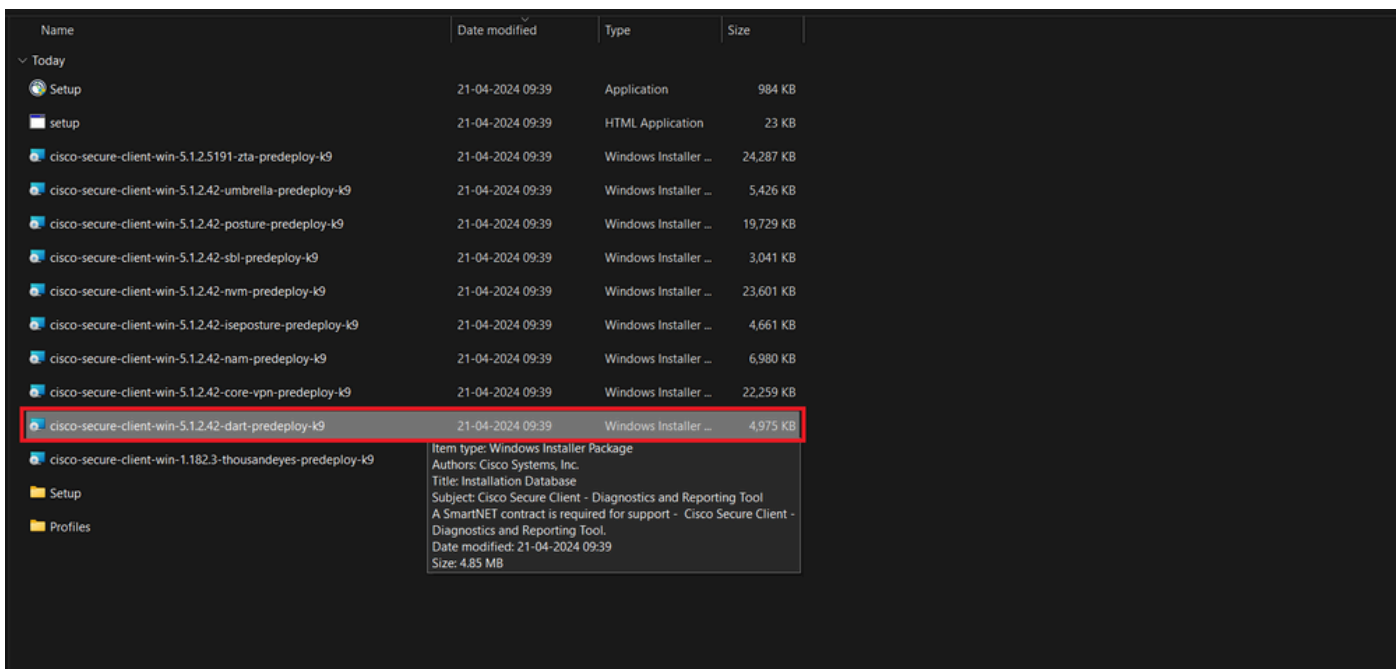
適用於Windows的DART：

1. 解壓縮預部署軟體套件。



擷取預先部署套件

2. 按一下DART MSI安裝程式。

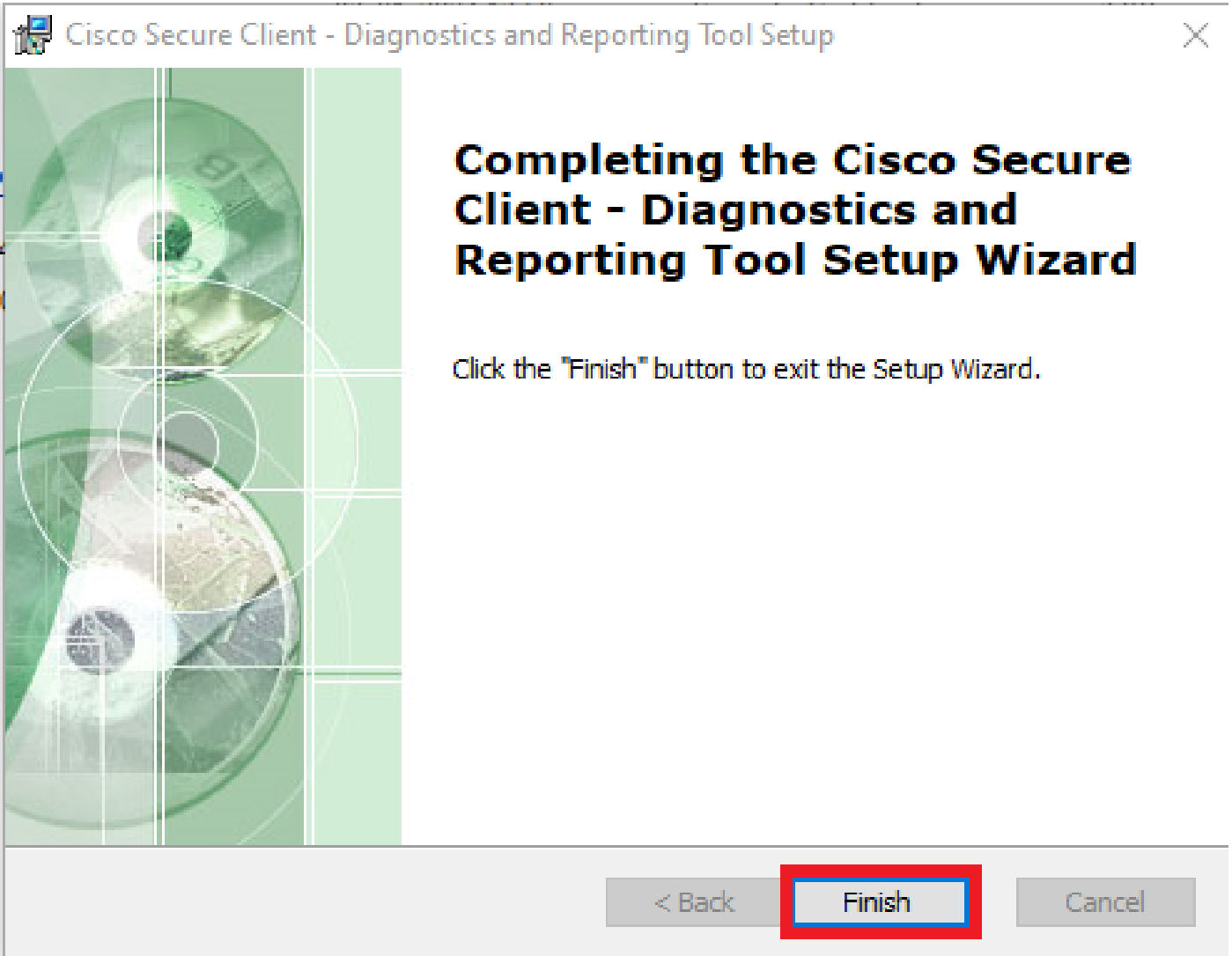


MSI安裝程式

3. 遵守螢幕上的DART安裝說明。



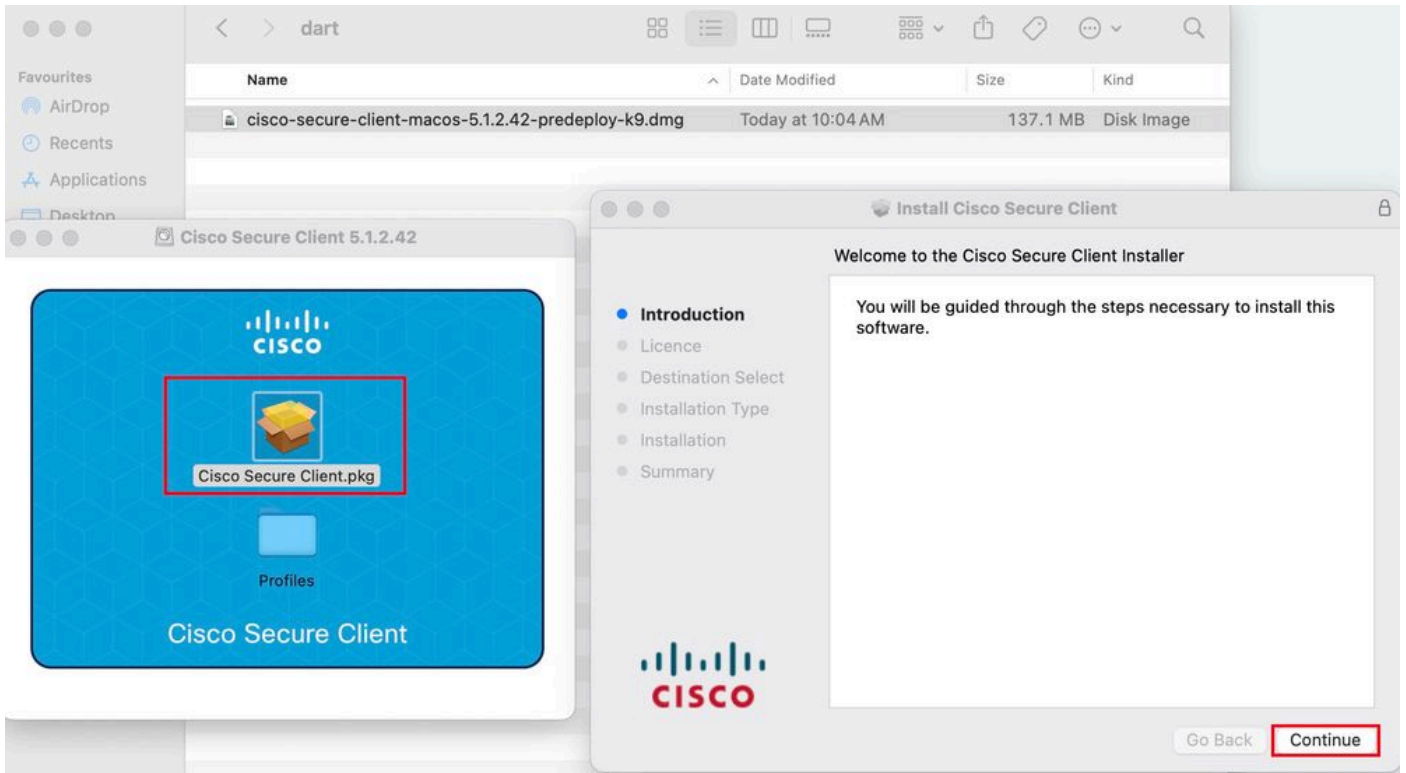
下一頁繼續



安裝完成

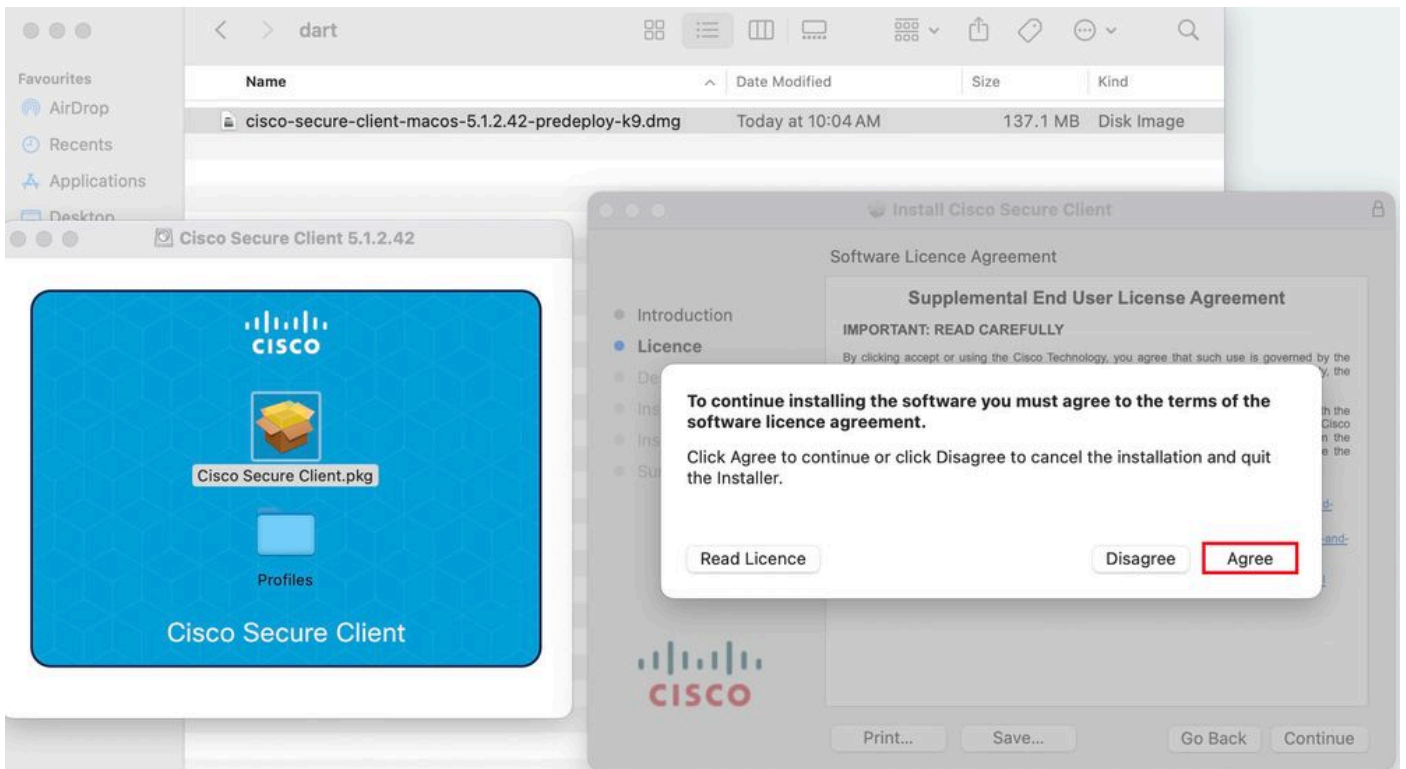
MacOS版DART：

1. 按兩下DMG安裝程式檔案，然後按一下Cisco Secure Client.pkg。



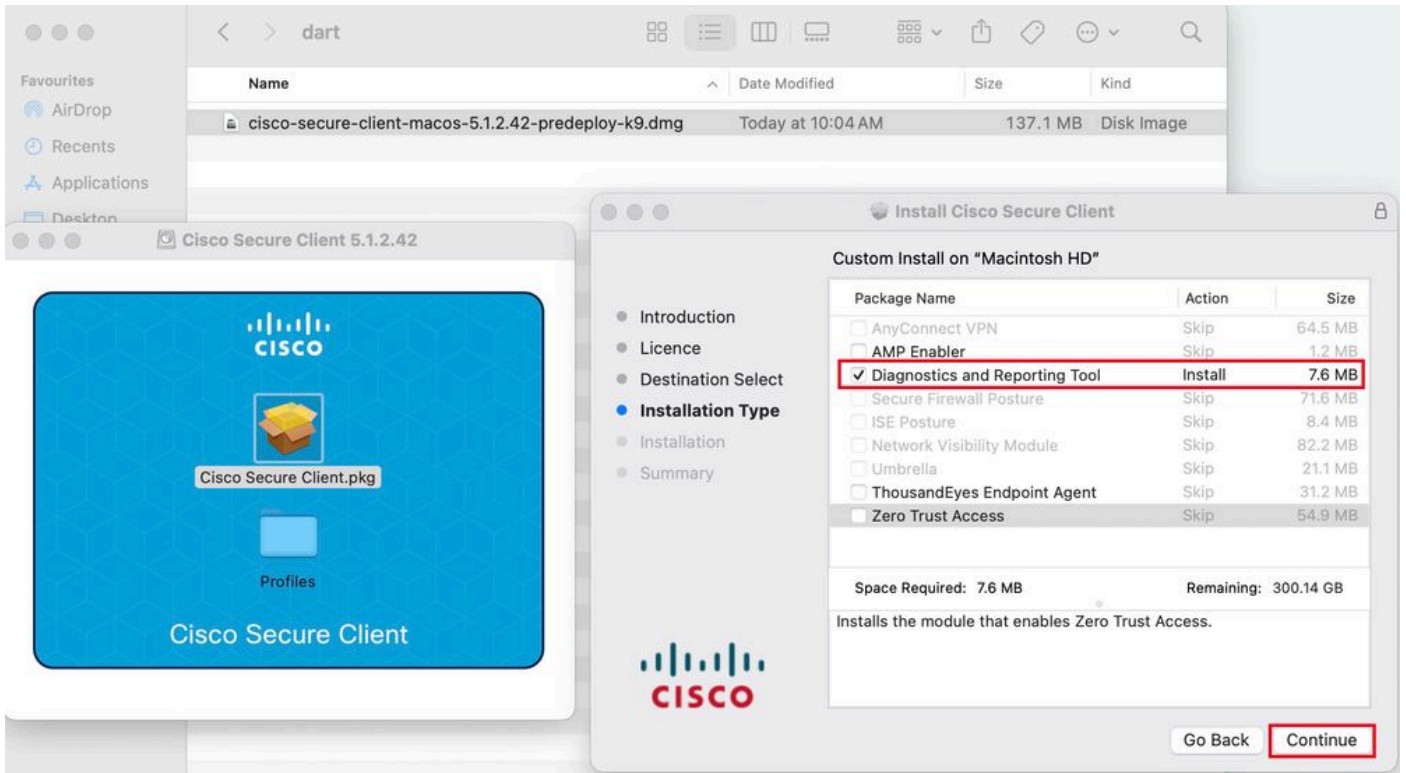
安裝安全使用者端套件

2. 閱讀許可證並相應繼續。



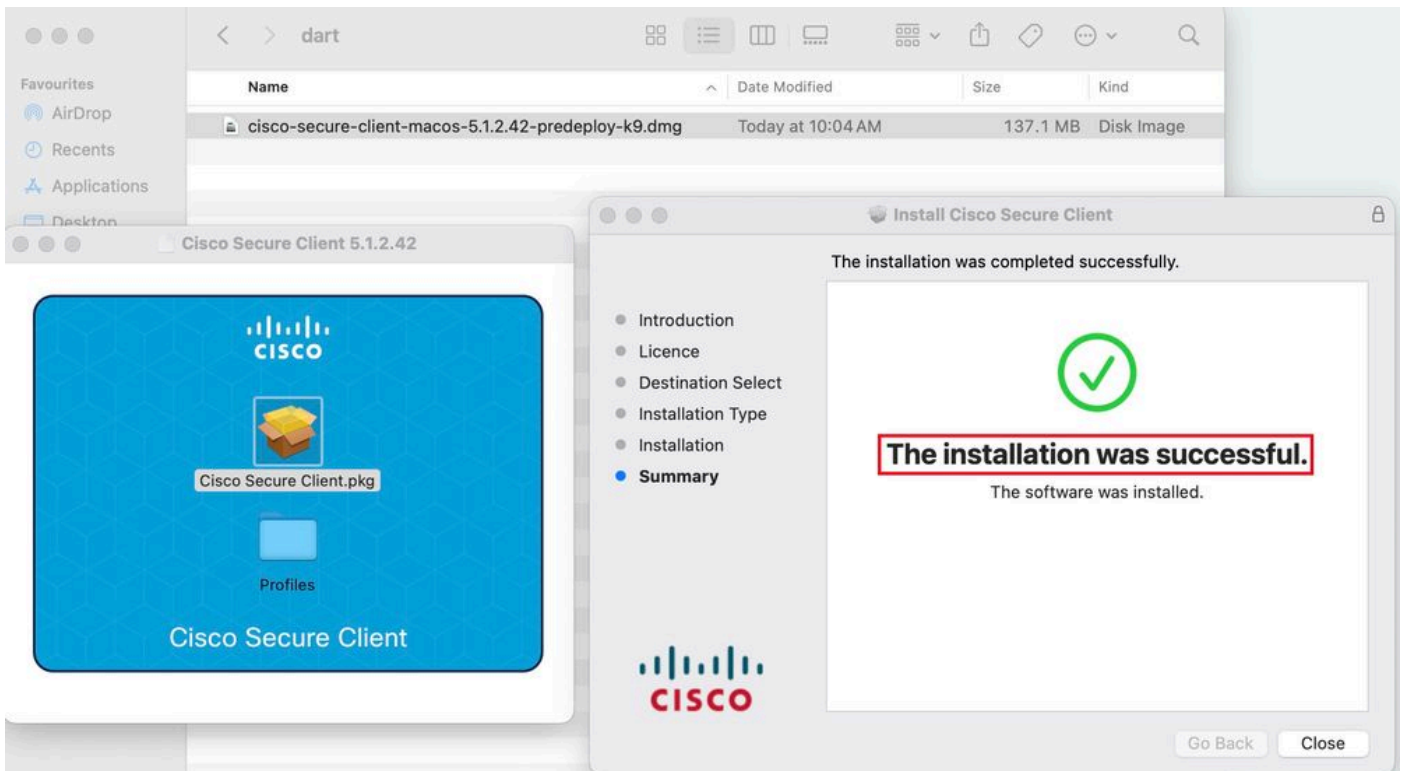
同意繼續

3. 選中Diagnostic and Reporting Tool，然後按一下Continue（這是您尋找快取缺失可以使用的隱藏命令）。



安裝DART

4. 遵守螢幕上的DART安裝說明。



安裝完成

Linux版DART：

1. 使用命令解壓縮Linux預部署軟體套件：

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/libvpnccommon.so
cisco-secure-client-linux64-5.1.2.42/vpn/libvpnccommoncrypt.so
cisco-secure-client-linux64-5.1.2.42/vpn/libvpnapl.so
```

Untar Linux包

2. 導航到/cisco-secure-client-linux64-5.x/dart，然後執行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...
```

安裝DART

3. 接受許可協定中的條款以安裝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]#
```

接受協定

4. 安裝完成後，可從以下位置訪問DART和安全客戶端：

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

從ASA/FTD部署

當使用者連線到遠端接入VPN時，ASA和FTD等頭端提供在終端上部署各種anyconnect模組（如dart、vpngina、ampenabler等）的功能。

FTD

如果要從FMC或FDM管理FTD，請參閱本[指南](#)，以使用組策略將DART和其他模組部署到FTD。

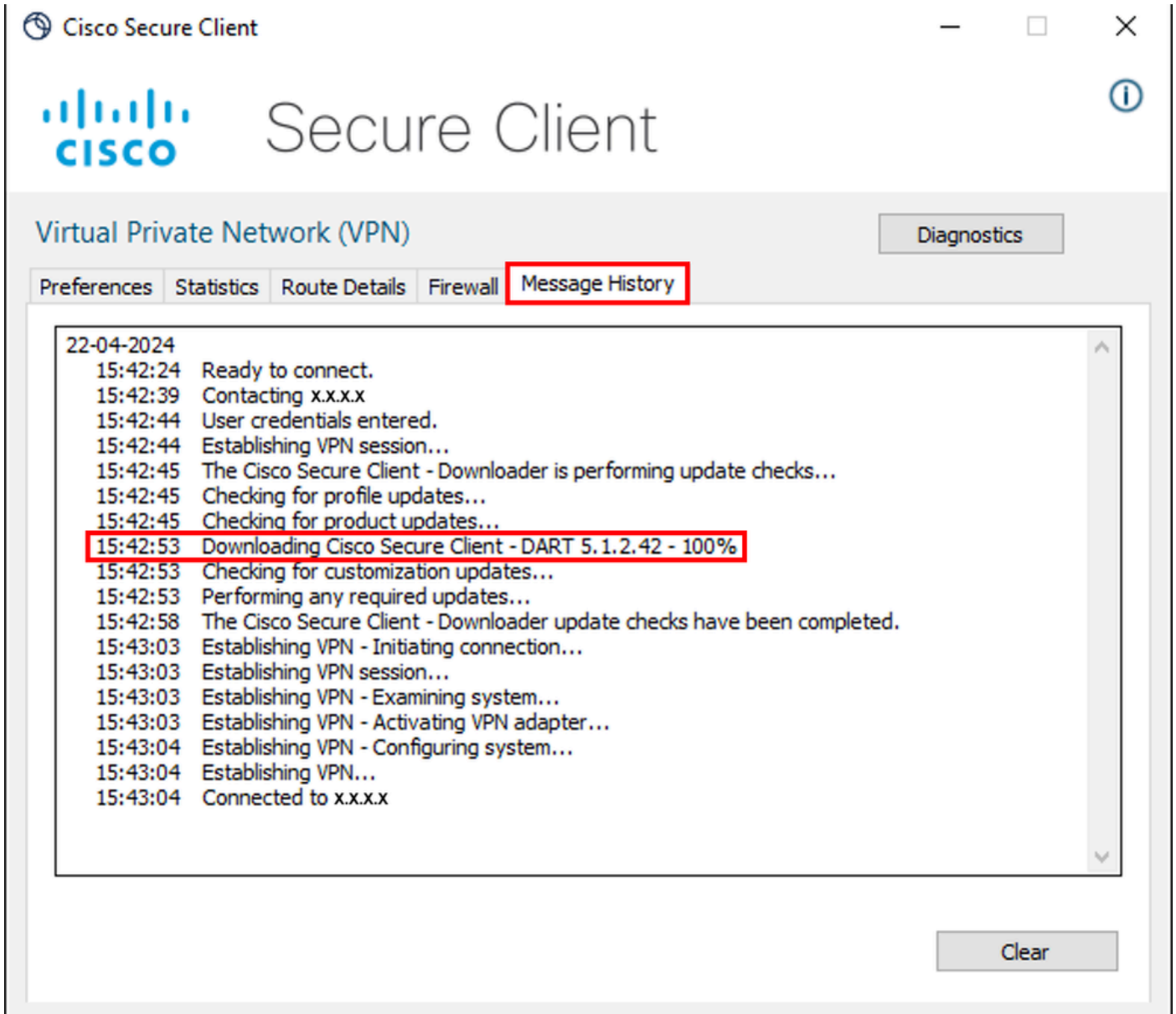
ASA

在target group-policy的webvpn部分配置anyconnect modules value dart。

```
group-policy NAME_OF_GROUP_POLICY internal group-policy NAME_OF_GROUP_POLICY attributes dns-server value
```

成功建立與ASA/FTD的連線。

導航到Settings > VPN > Message History，檢視已下載模組的詳細資訊。

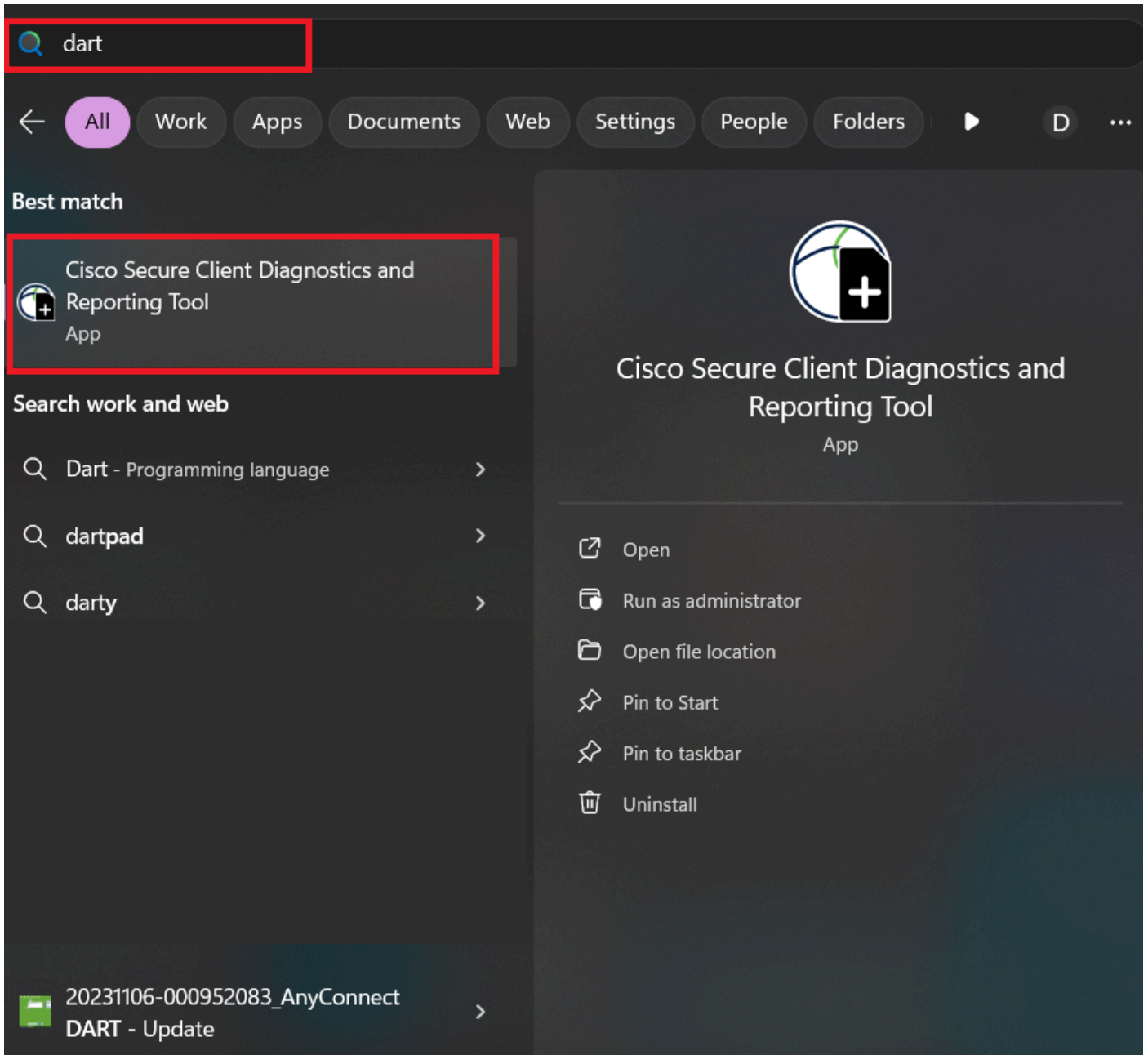


下載模組

收集DART捆綁包

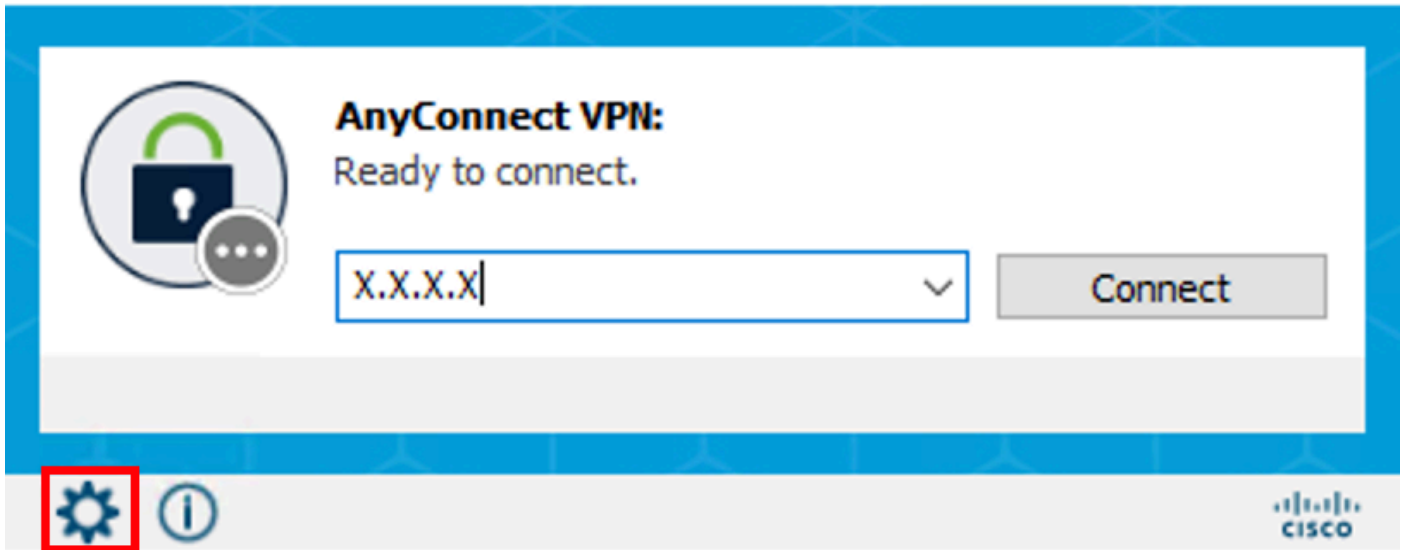
Windows

步驟 1. 從「開始」選單或Cisco Secure Client啟動DART。



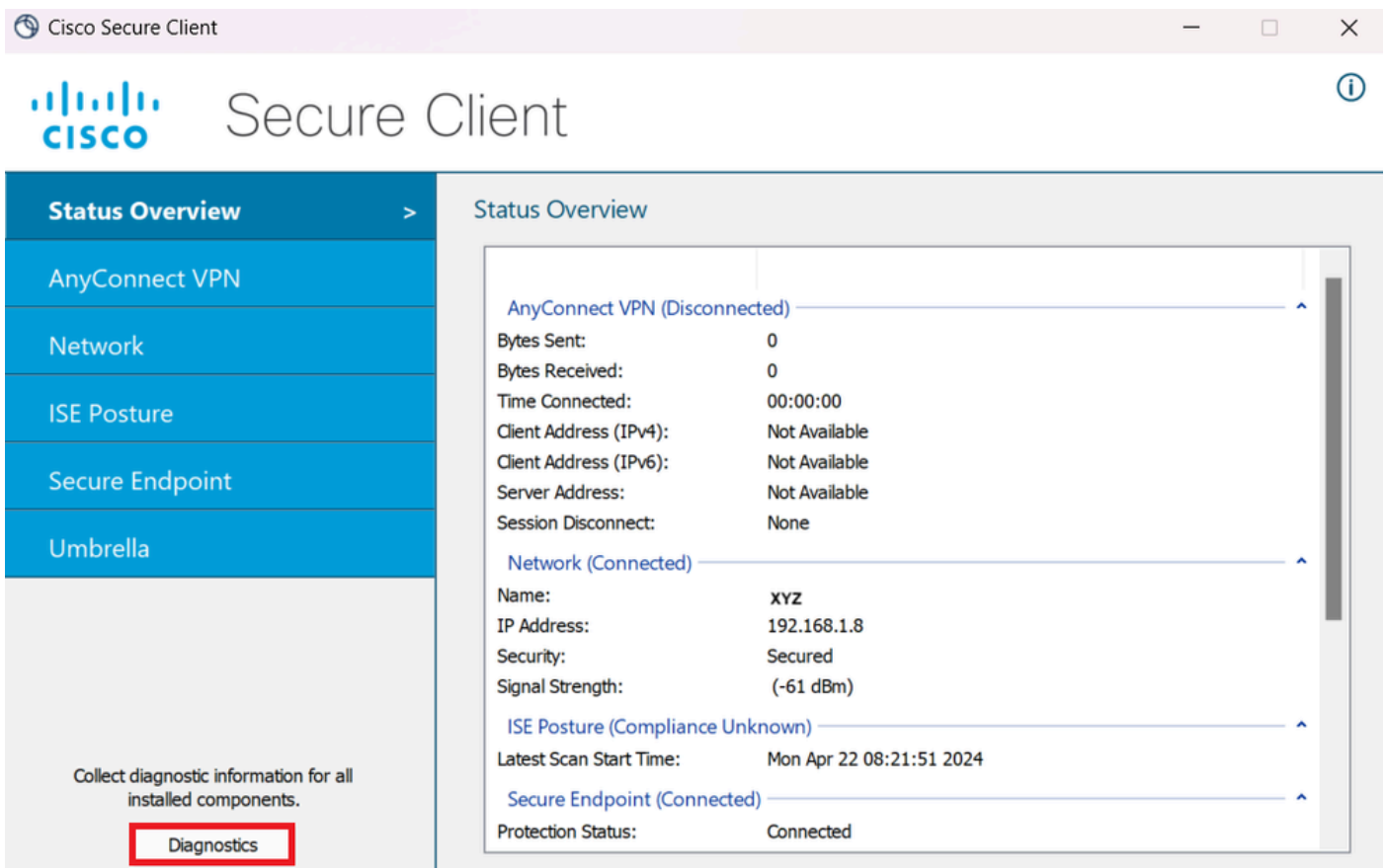
開始功能表

或



思科安全使用者端

步驟 2. 點選Diagnostics以收集DART日誌。



啟動診斷

步驟 3. 遵守螢幕上的有關收集DART捆綁包的說明。

Diagnostic and Reporting Tool (DART)



DART is a tool that helps to bundle the appropriate log files and diagnostic information that can be used for analyzing and debugging the Cisco Secure Client.

This wizard will guide you through the steps required to create the diagnostic bundle. To continue, click Next.

Next

Cancel

DART - 下一步

步驟 4. 選擇Default選項以在Desktop上儲存DART捆綁包，然後按一下Next。

Bundle Creation Option



Select "Default" to include the typical log files and diagnostic information in the bundle. Select "Custom" to choose the list of log files and diagnostic information to be included in the bundle.

Default - Bundle will be saved to Desktop

Custom

 DART requires administrative privileges to clear Cisco Secure Client logs.

Clear All Logs

Back

Next

Cancel

捆綁包建立選項

步驟 5.Windows開始處理和收集日誌。

Bundle Creation Progress



Processing Application logs...

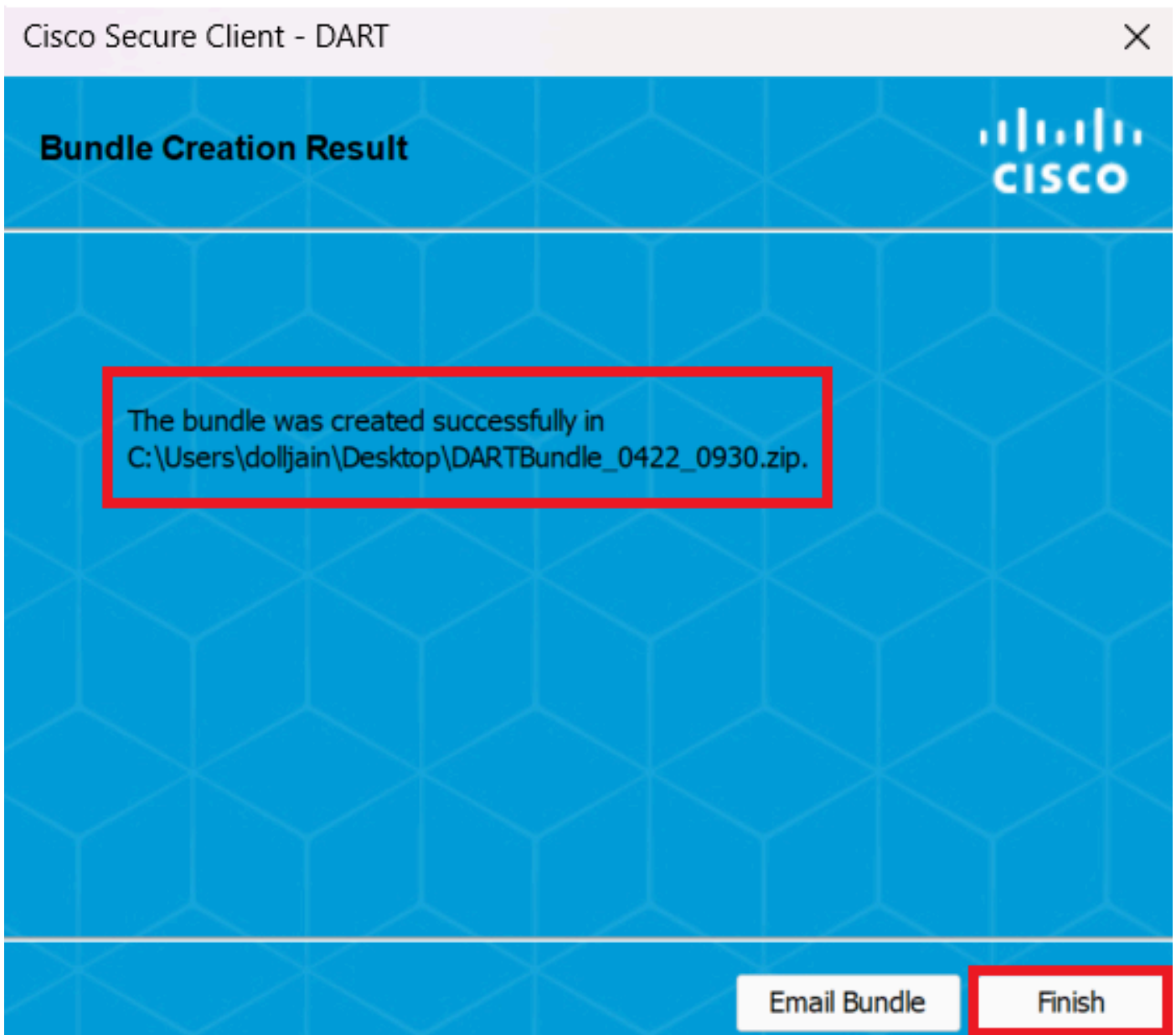


Finish

Cancel

正在處理日誌

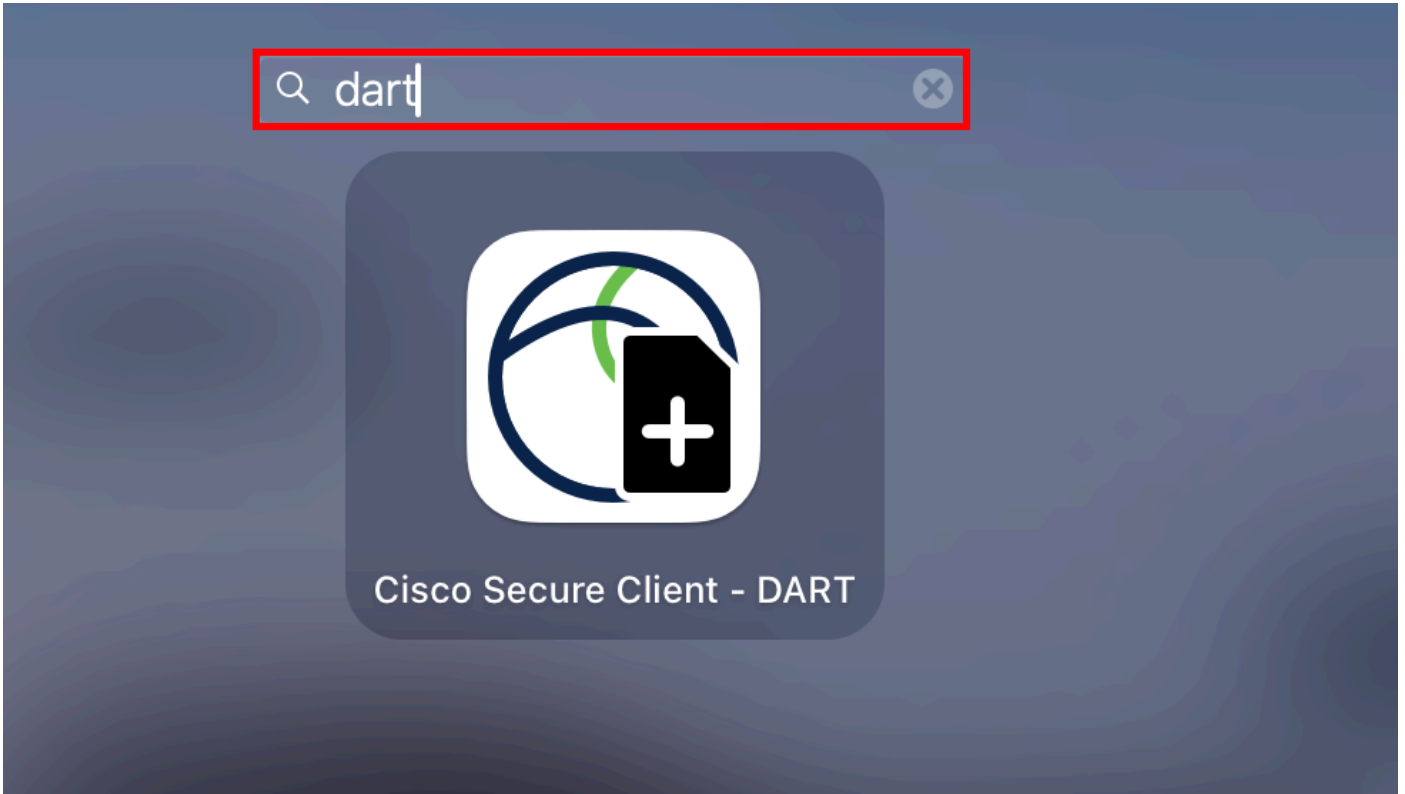
步驟 6. 處理後，預設情況下DART捆綁包儲存在案頭上。



已建立DART

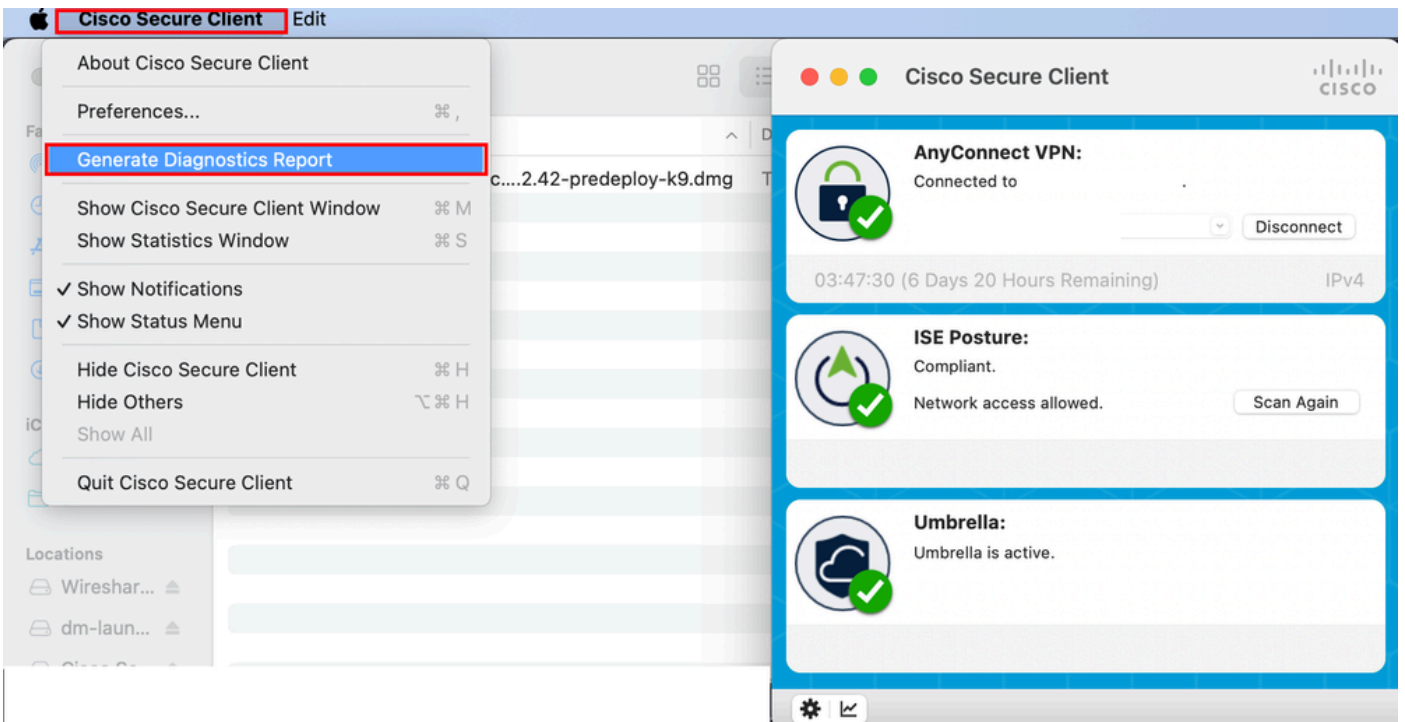
MacOS

步驟 1.透過按一下Generating Diagnostics Report，從Mac Launchpad或Cisco Secure Client啟動DART。



Mac 啟動板

或



思科安全使用者端

步驟 2. 根據需要選擇其他日誌選項以包括舊版和系統日誌，然後按一下 Run。

Cisco Secure Client - DART

Welcome to the Diagnostic and Reporting Tool (DART).

DART is a tool that helps to bundle the appropriate log files and diagnostic information that can be used for analyzing and debugging the Cisco Secure Client.



Bundle Options:

- Enable Bundle Encryption Mask Password

Encryption Password

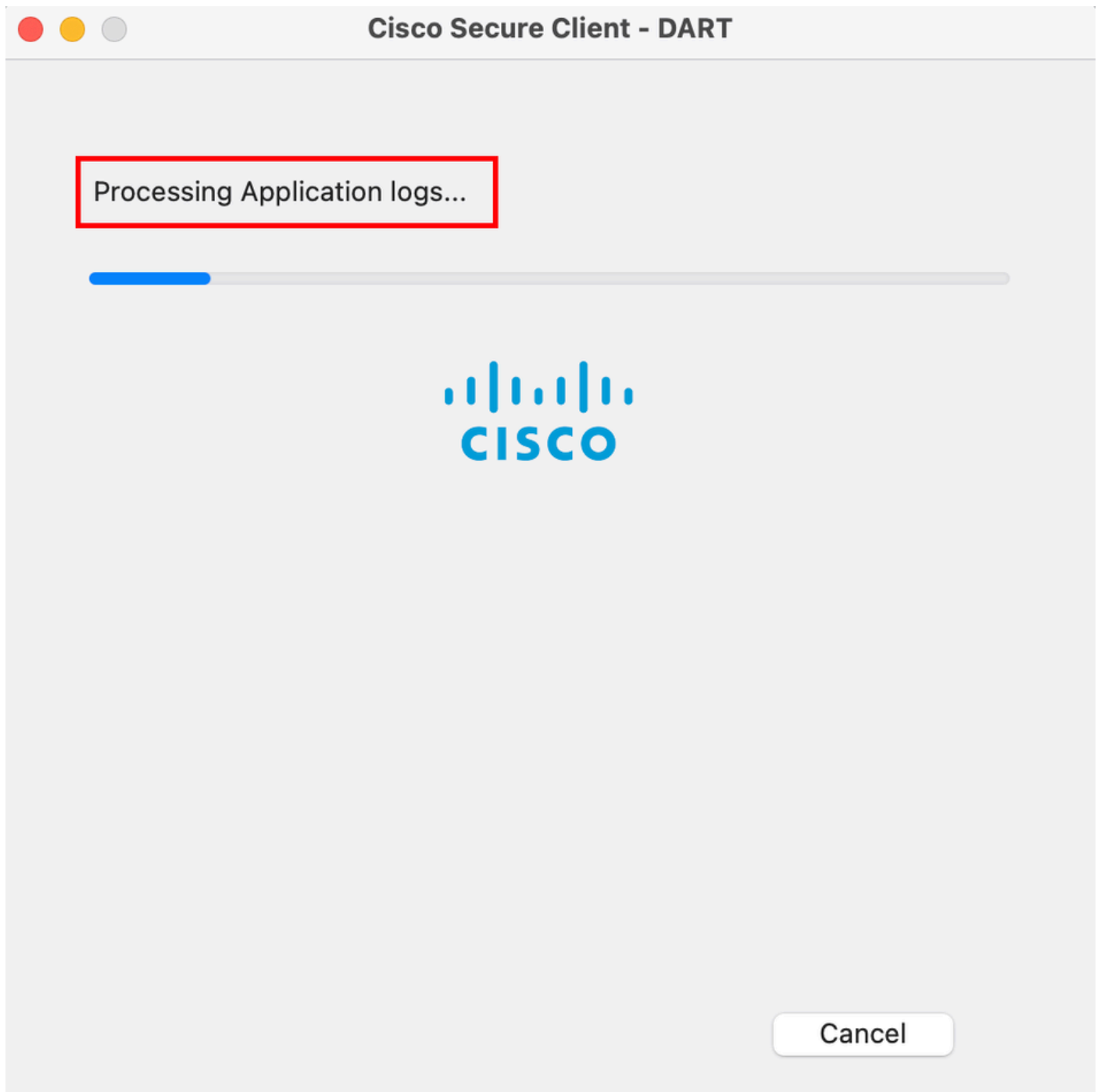
Additional Log Options:

- Include Legacy - Cisco AnyConnect Secure Mobility Client Logs
- Include System Logs

Run

其他日誌選項

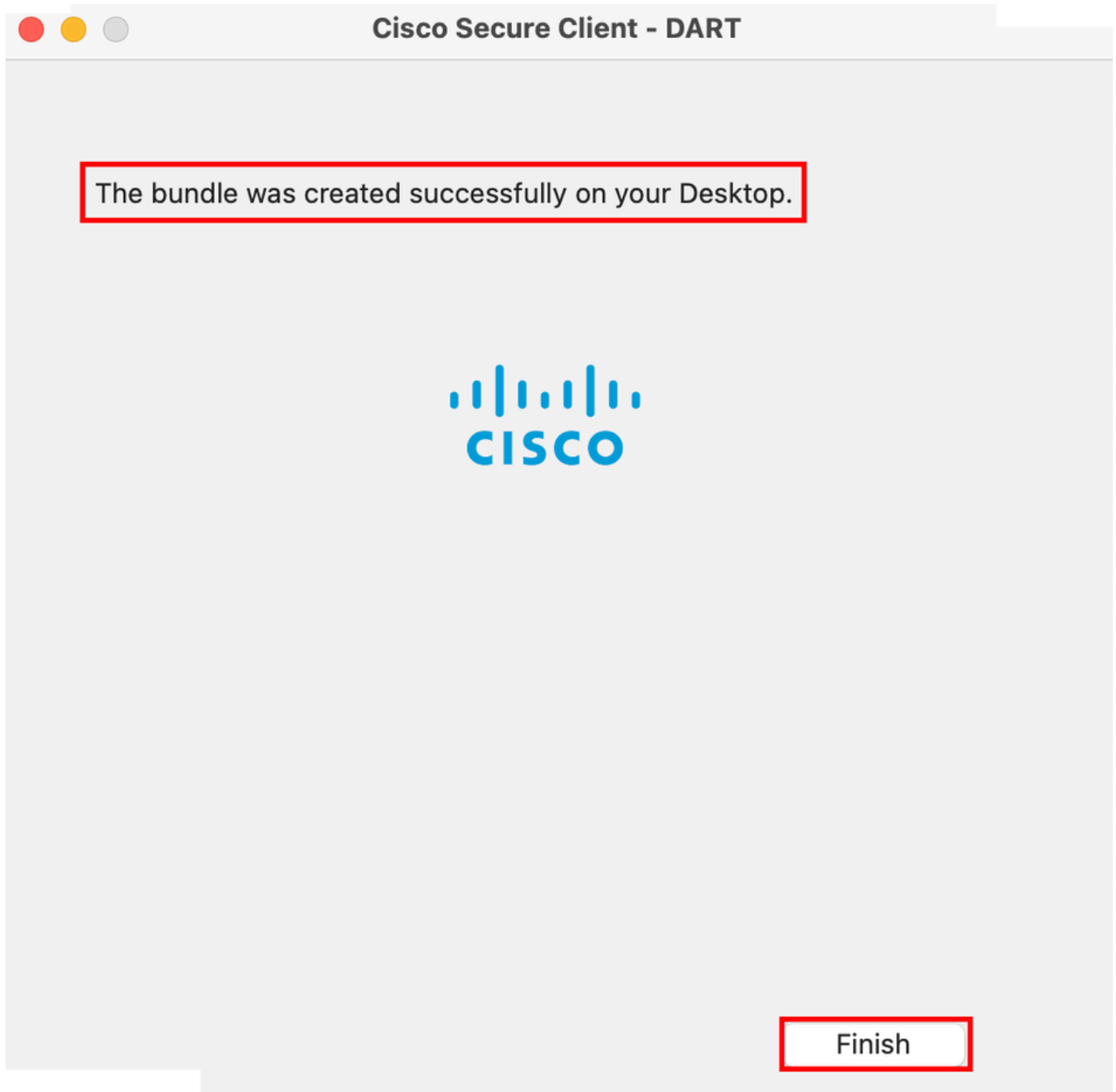
步驟 3. MacOS 開始處理和收集日誌。



處理日誌步驟4

。

處理後，預設情況下DART捆綁包儲存在案頭上。

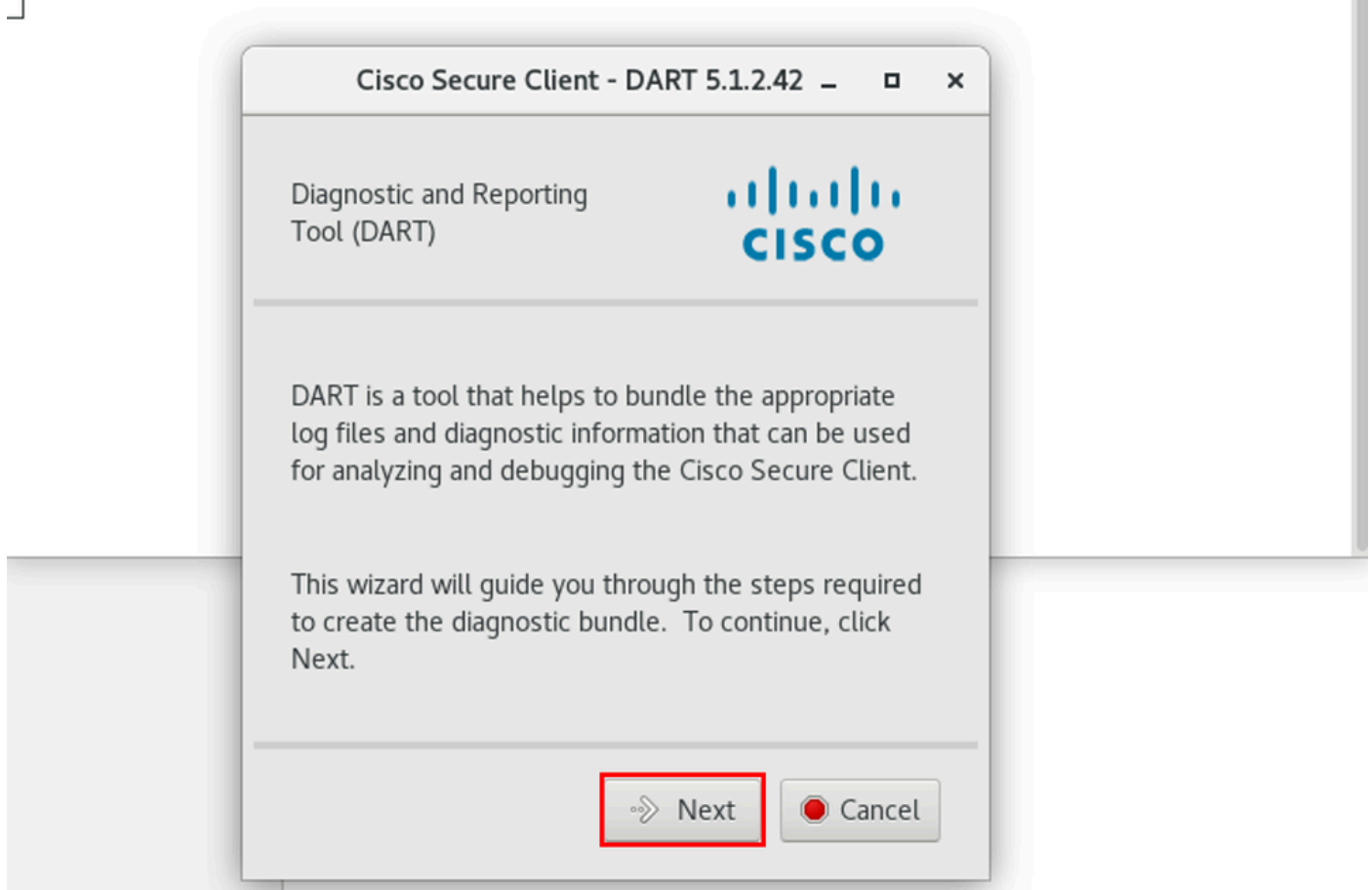


已建立DART捆綁包

Linux

步驟 1. 導航到/opt/cisco/secureclient/dart/並執行DART的圖形dartui. 使用者介面在螢幕上打開，然後按一下Next。

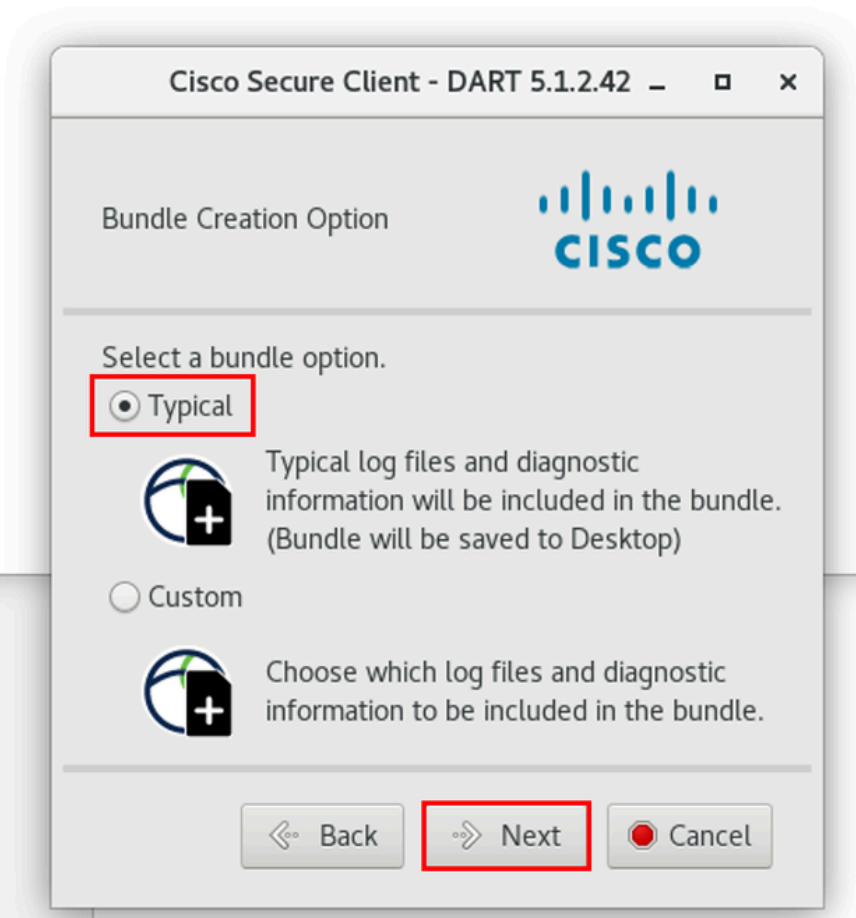
```
[root@localhost dart]#  
[root@localhost dart]#  
[root@localhost dart]# ./dartui
```



DART啟動

步驟 2.選擇Typical捆綁選項以收集日誌和診斷資訊，然後按一下Next，如圖所示。

```
[root@localhost dart]#  
[root@localhost dart]# ./dartui  
]
```



套件選項

步驟 3. 點選Finish，DART捆綁包預設儲存在案頭上，如圖所示。

Bundle Creation Result



The bundle was created successfully in /home/calor/Desktop/DARTBundle_0421_0125.zip.

◀ Back

▶ Finish

⛔ Cancel

已建立DART捆綁包

疑難排解

本節提供的資訊可用於對組態進行疑難排解。

請參閱本[指南](#)，有效地關聯和辨識DART中的日誌，以解決與安全客戶端相關的問題。

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）。