

使用Microsoft Intune部署思科安全終端/安全客戶端

目錄

簡介

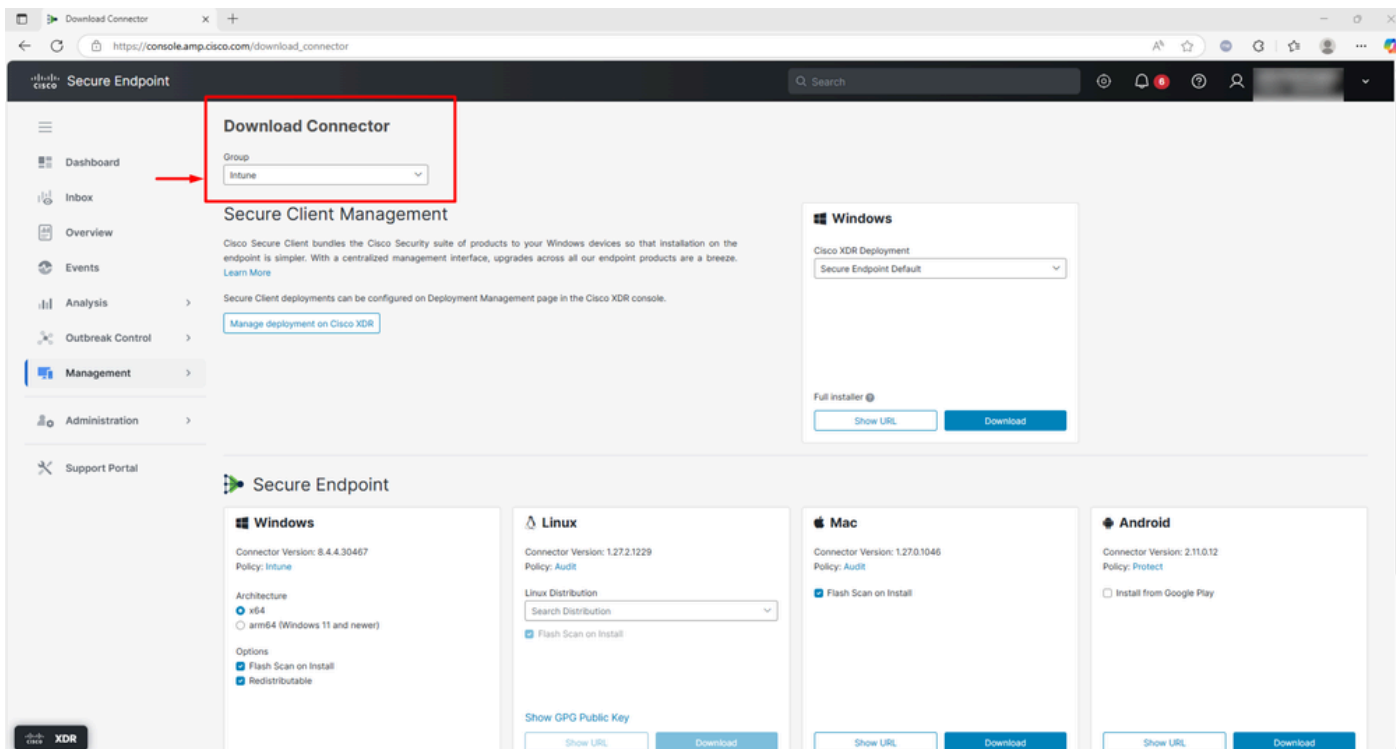
本文檔概述了使用Microsoft Intune部署思科安全終端或安全客戶端的過程。本文檔將介紹如何從安全終結點/安全客戶端安裝程式建立Microsoft Intune支援的應用，然後將其用於使用Microsoft Intune管理中心的部署。具體來說，該過程包括使用Intune Win32內容準備工具將思科安全終端安裝程式打包為Win32應用程式，然後通過Intune配置和部署該應用。我們使用了官方的Microsoft準備工具來建立應用程式。

組態

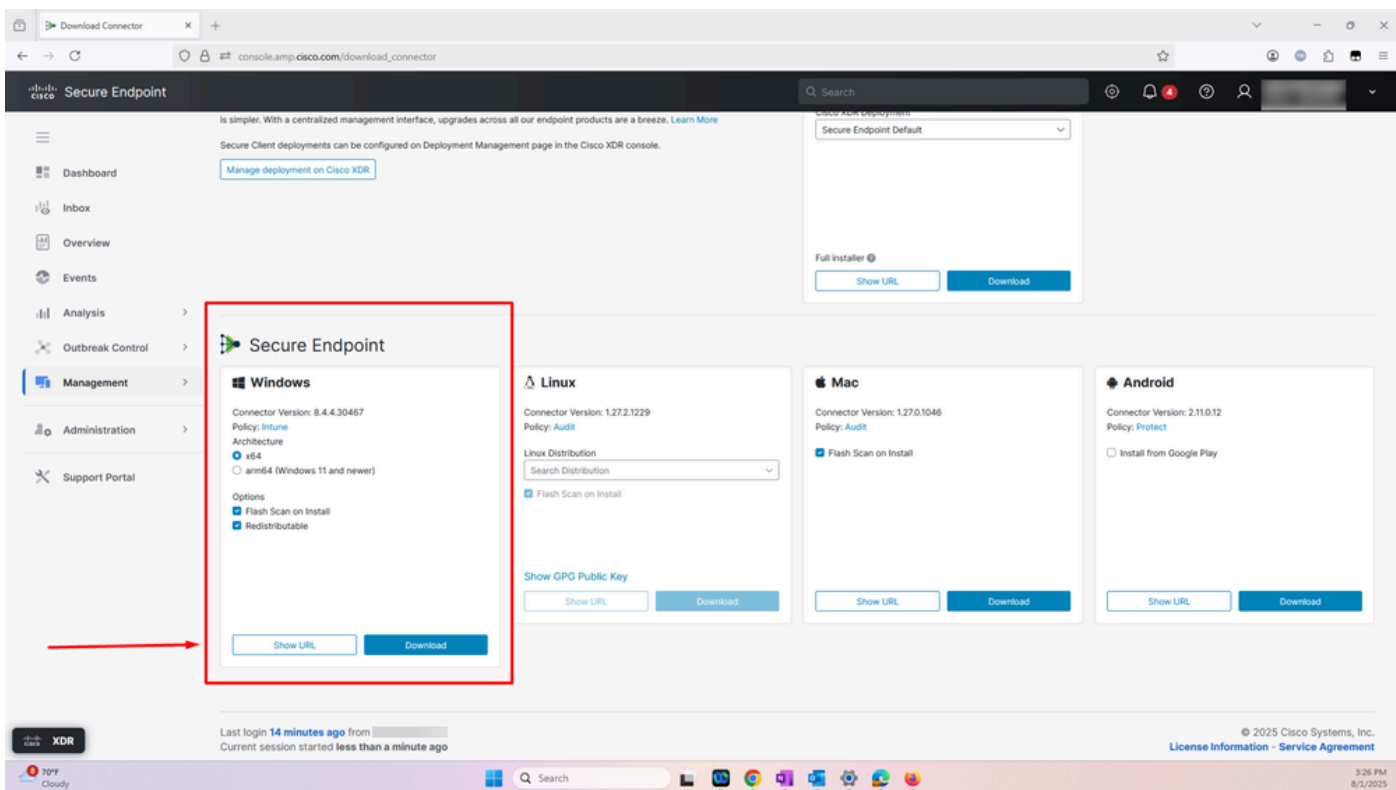
安全終端部署

步驟1. 下載思科安全終端安裝程式。

- 根據區域的不同，登入到您各自的安全終端門戶：<https://apps.security.cisco.com/overview>
- 導航到Management頁籤，然後選擇Download Connector
- 選擇希望連線器註冊到的安全終結點組



- 選擇「download」，然後本地下載EXE安裝程式，如螢幕截圖所示

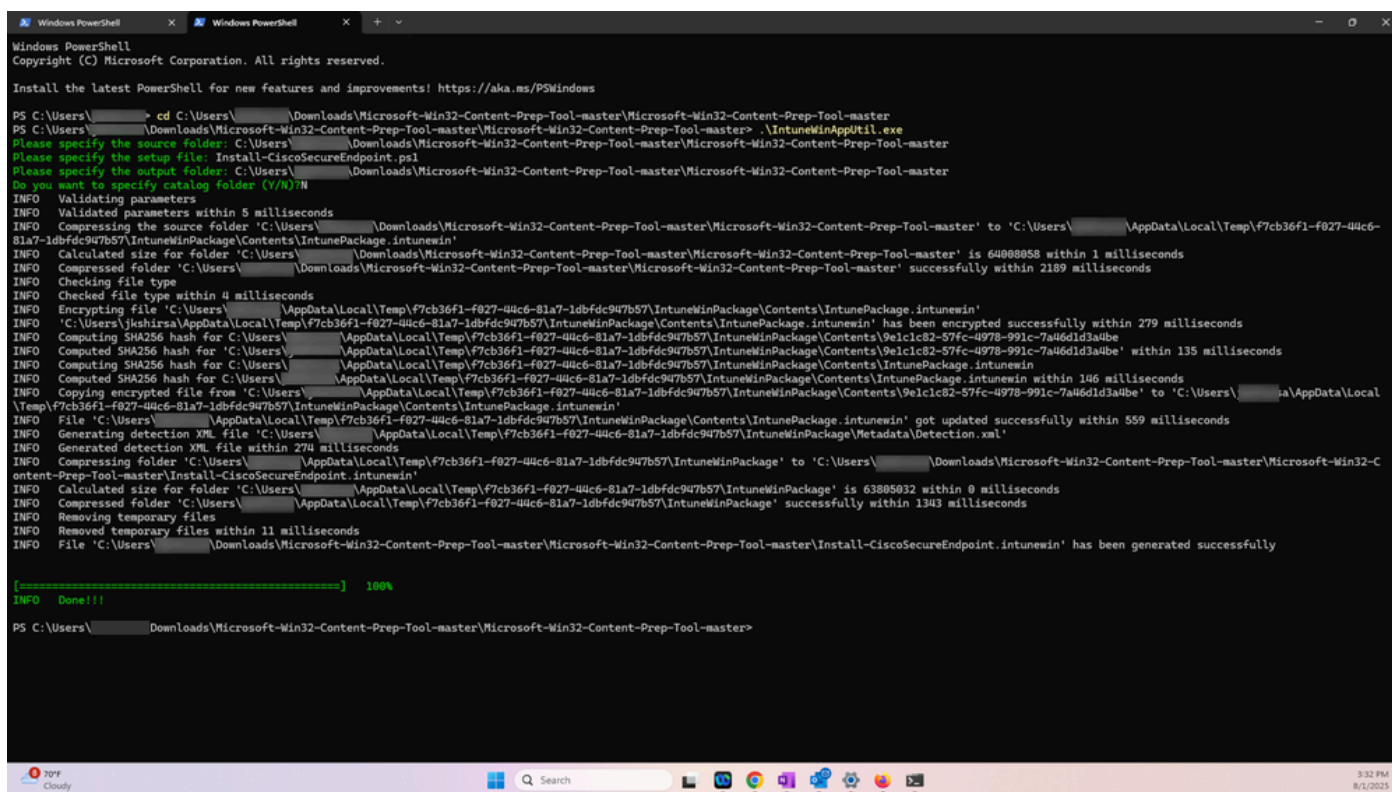


步驟2.使用Win32內容準備工具準備Intune檔案。

Win32內容準備工具是Microsoft Intune提供的實用工具，可幫助IT管理員準備Win32應用程式（即傳統的Windows案頭應用程式）以便通過Microsoft Intune進行部署。該工具將Win32應用程式安裝程式（如.exe、.msi和相關檔案）轉換為.intunewin檔案格式，這是通過Intune部署這些應用程式所必需的。

要準備Intune檔案，請執行以下步驟：

- 從Github下載Win32內容準備工具。下載：<https://github.com/microsoft/Microsoft-Win32-Content-Prep-Tool>
- 執行IntuneWinAppUtil.exe
- 在下一步中，將目錄更改為包含步驟1中下載的Cisco Secure Endpoint執行檔的資料夾以及安裝powershell指令碼(Install-CiscoSecureEndpoint.ps1)
- 然後指定安裝檔案的指令碼檔名：安裝 — CiscoSecureEndpoint.ps1
- 在下一步中，指定必須生成Intunewin檔案的資料夾
- 當系統提示指定目錄時，輸入N
- Intunewin檔案按螢幕截圖所示生成：



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\> cd C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master
PS C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master> .\IntuneWinAppUtil.exe
Please specify the source folder: C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master
Please specify the setup file: Install-CiscoSecureEndpoint.ps1
Please specify the output folder: C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master
Do you want to specify catalog folder (Y/N) N
INFO Validating parameters
INFO Validated parameters within 5 milliseconds
INFO Compressing the source folder 'C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master' to 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin'
INFO Compressed folder 'C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master' successfully within 2189 milliseconds
INFO Checking file type
INFO Checked file type within 4 milliseconds
INFO Encrypting file 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin'
INFO 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin' has been encrypted successfully within 279 milliseconds
INFO Computing SHA256 hash for 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\9e1c1c82-57fc-4978-991c-7a46d1d3a4be' within 135 milliseconds
INFO Computed SHA256 hash for 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin'
INFO Computing SHA256 hash for 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin' within 146 milliseconds
INFO Copying encrypted file from 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\9e1c1c82-57fc-4978-991c-7a46d1d3a4be' to 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin'
INFO File 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Contents\IntunePackage.intunewin' got updated successfully within 559 milliseconds
INFO Generating detection XML file 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage\Meta\Detection.xml'
INFO Generated detection XML file within 274 milliseconds
INFO Compressing folder 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage' to 'C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master\Install-CiscoSecureEndpoint.intunewin'
INFO Calculated size for folder 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage' is 63805032 within 0 milliseconds
INFO Compressed folder 'C:\Users\>\AppData\Local\Temp\7cb36f1-f027-44c6-81a7-1dbfdc947b57\IntuneWinPackage' successfully within 1343 milliseconds
INFO Removing temporary files
INFO Removed temporary files within 11 milliseconds
INFO File 'C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master\Install-CiscoSecureEndpoint.intunewin' has been generated successfully

[=====] 100%
INFO Done!!!

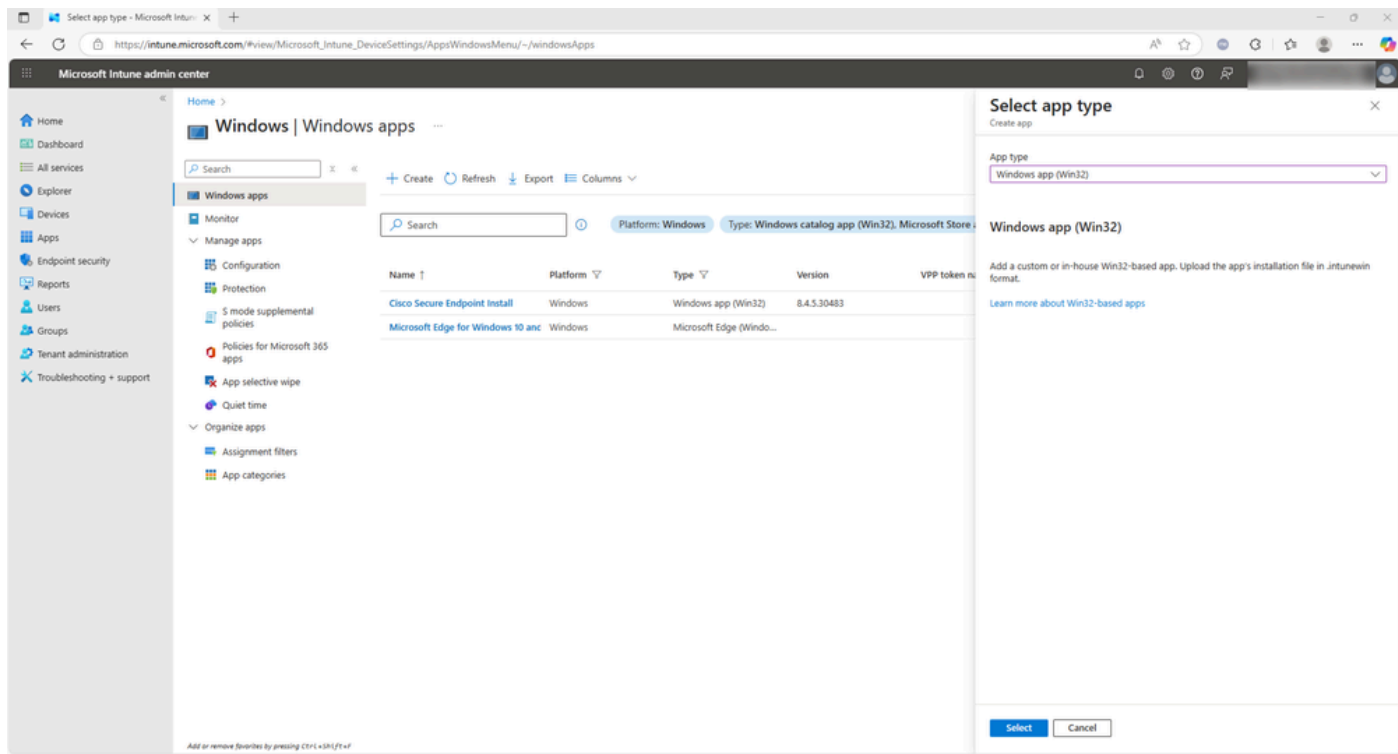
PS C:\Users\>\Downloads\Microsoft-Win32-Content-Prep-Tool-master\Microsoft-Win32-Content-Prep-Tool-master>
```

步驟3.將安全終結點IntuneWin檔案上傳到Microsoft Intune管理中心。

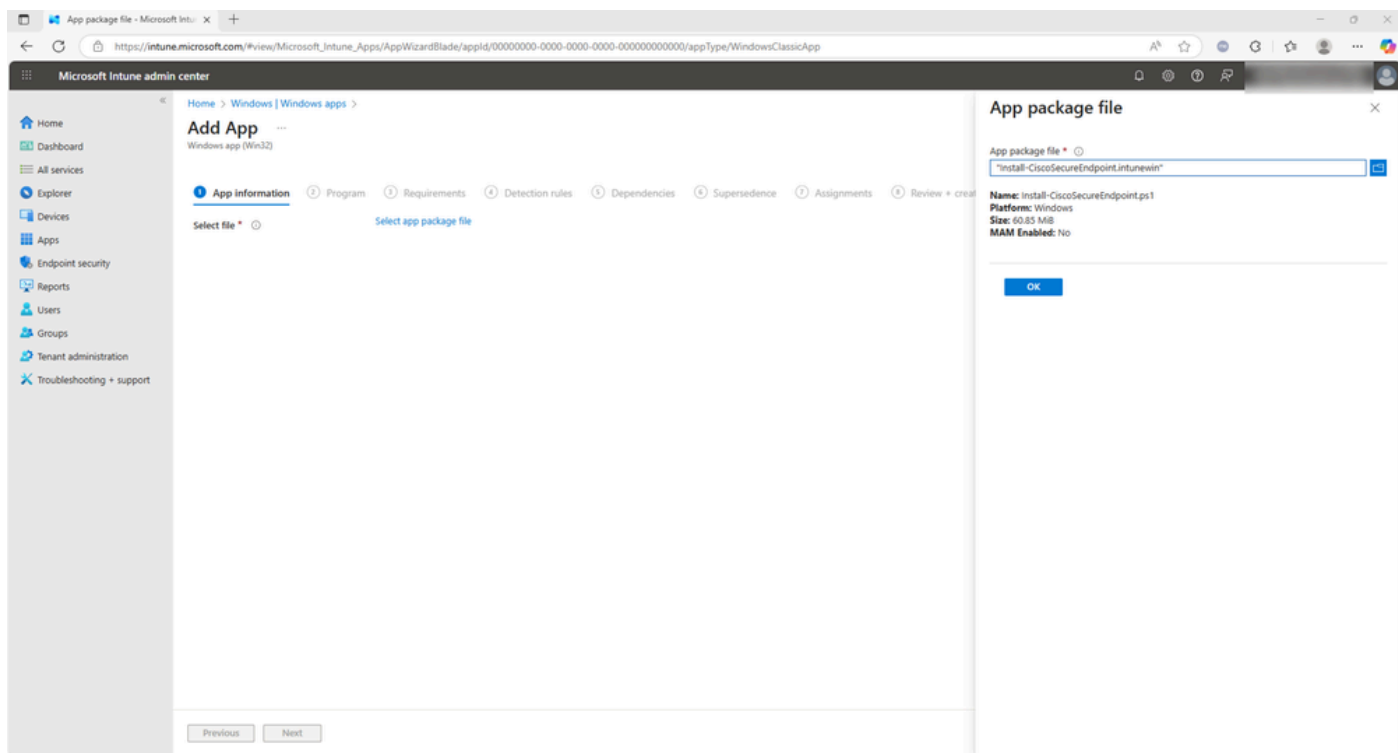
執行下列步驟：

- 登入到Microsoft Intune管理中心
- 導航到Microsoft Intune管理中心中的Windows應用，然後選擇應用型別 — Win32，然後選擇。

以下兩個動作在螢幕截圖中顯示出來：



- 在下一步中，上傳在步驟2中建立的安全終端Intunewin檔案，然後選擇OK



- 選擇OK後，輸入螢幕截圖中顯示的資訊。每個頁籤上的可選欄位可以留空。選擇Next (下一步)，繼續執行下一步

Microsoft Intune admin center

Home > Windows | Windows apps >

Add App

Windows app (Win32)

1 App information 2 Program 3 Requirements 4 Detection rules 5 Dependencies 6 Supersession 7 Assignments 8 Review + create

Select file *

Name *

Description *

Preview
Install Secure Endpoint installer

Publisher *

App Version *

Category *

Show this as a featured app in the Company Portal * ☐ ☒

Information URL *

Privacy URL *

Developer *

Owner *

Notes *

Logo *

[Change image](#)

- 輸入Install命令，如下所示：

```
%windir%\SysNative\WindowsPowershell\v1.0\powershell.exe -nopprofile -executionpolicy Bypass -file
```

請注意，此處顯示的代碼用作示例，任何代碼都可以用作此安裝程式的安裝命令

- 輸入Uninstall作為n/a，安裝時間為60（可選）。將Allow available uninstall設定為No，選擇Install behavior as System，然後在選擇Next之前輸入任何可選詳細資訊

Microsoft Intune admin center

Home > Windows | Windows apps >

Add App

Windows app (Win32)

1 App information 2 Program 3 Requirements 4 Detection rules 5 Dependencies 6 Supersession 7 Assignments 8 Review + create

Specify the commands to install and uninstall this app:

Install command *

Uninstall command *

Installation time required (mins) *

Allow available uninstall * ☐ ☒

Install behavior * ☒ ☐

Device restart behavior *

Specify return codes to indicate post-installation behavior:

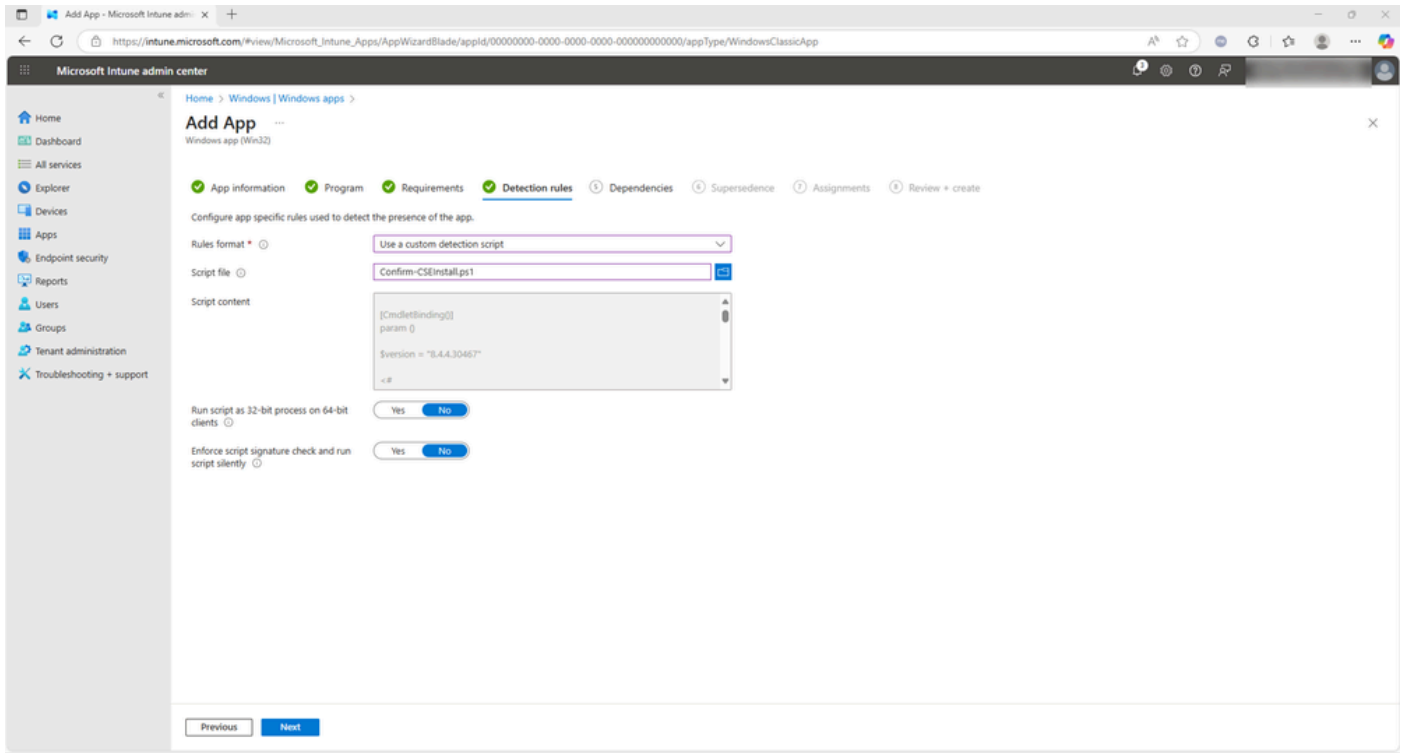
Return code	Code type
0	Success
1707	Success
3010	Soft reboot
1641	Hard reboot
1618	Retry

[+ Add](#)

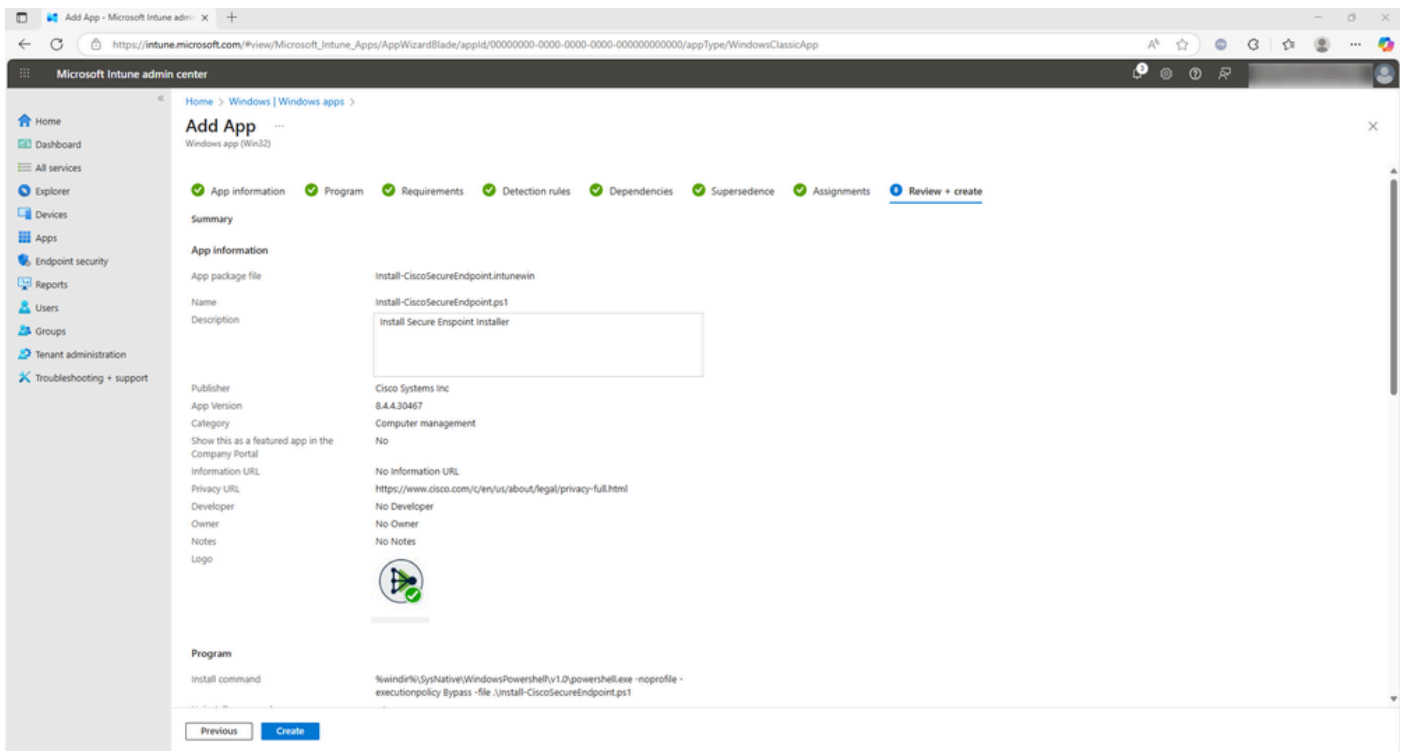
- 在「要求」頁籤上，選中否。允許在所有系統上安裝此應用，並選擇最低作業系統。 根據需要填寫和可選欄位，然後選擇下一步

The screenshot shows the 'Add App' wizard in the Microsoft Intune admin center, specifically the 'Requirements' tab. The wizard is for a 'Windows app (Win32)'. The 'Requirements' tab is active, showing options to specify requirements for device installation. The 'Check operating system architecture' section has two radio buttons: 'Yes. Specify the systems the app can be installed on.' (unselected) and 'No. Allow this app to be installed on all systems.' (selected). Below this, there are input fields for 'Minimum operating system' (set to 'Windows 10 1607'), 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. At the bottom, there is a section for 'Configure additional requirement rules' with a table with columns 'Type' and 'Path/Script'. The table currently contains one row with the text 'No requirements are specified.' and an '+ Add' button below it. Navigation buttons 'Previous' and 'Next' are at the bottom of the wizard.

- 在Detection Rules頁籤上，Rules format下拉選單提供兩個選項：手動配置檢測規則和使用自定義檢測指令碼。可根據部署要求選擇任一選項。
- 選擇Manually configure detection rules (手動配置檢測規則)時，可以定義規則型別(如 MSI、File或Registry)以檢測應用程式的存在。在本文檔中，已選擇替代選項Use a custom detection script。
- 名為Confirm-CSEInstall.ps1的PowerShell指令碼用於驗證思科安全終結點的安裝是否成功。本檔案底部已列出該檔案。



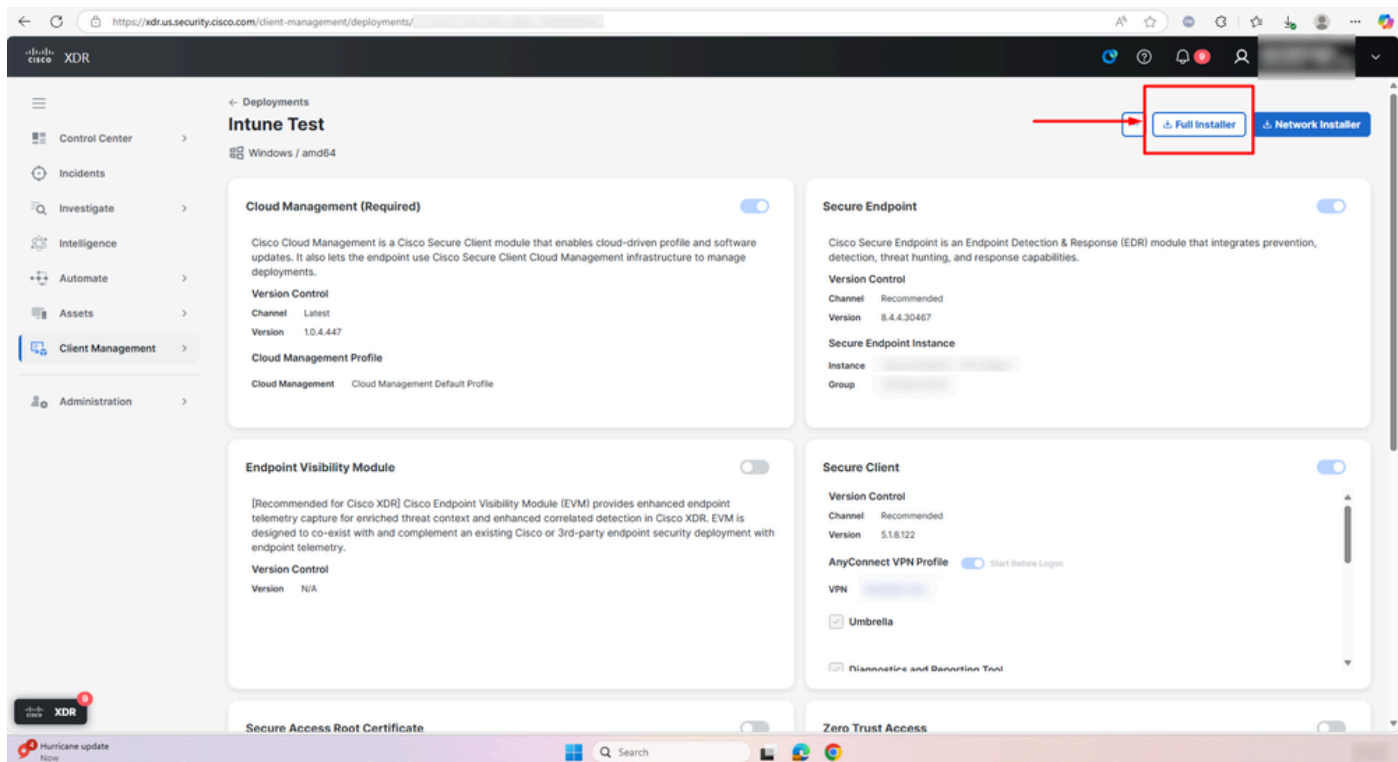
- 選擇Next繼續。附註：可以專門為此部署過程建立自定義檢測指令碼，以符合您的環境和檢測標準。
- 接下來的幾個頁籤是可選的。無需配置依賴關係，將應用程式分配到所需的組，然後選擇Review + create



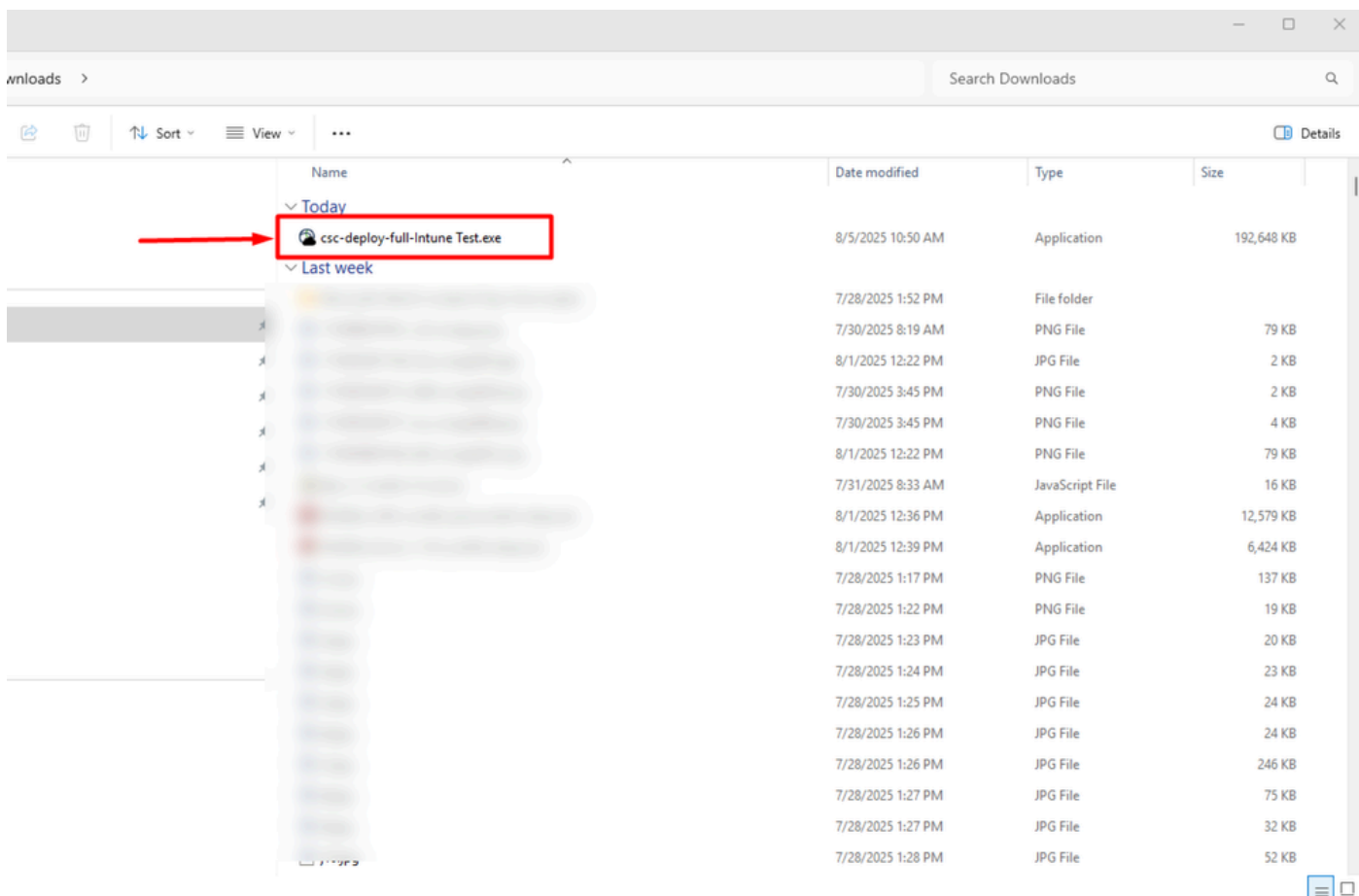
安全客戶端部署

步驟1.下載思科安全客戶端完全部署

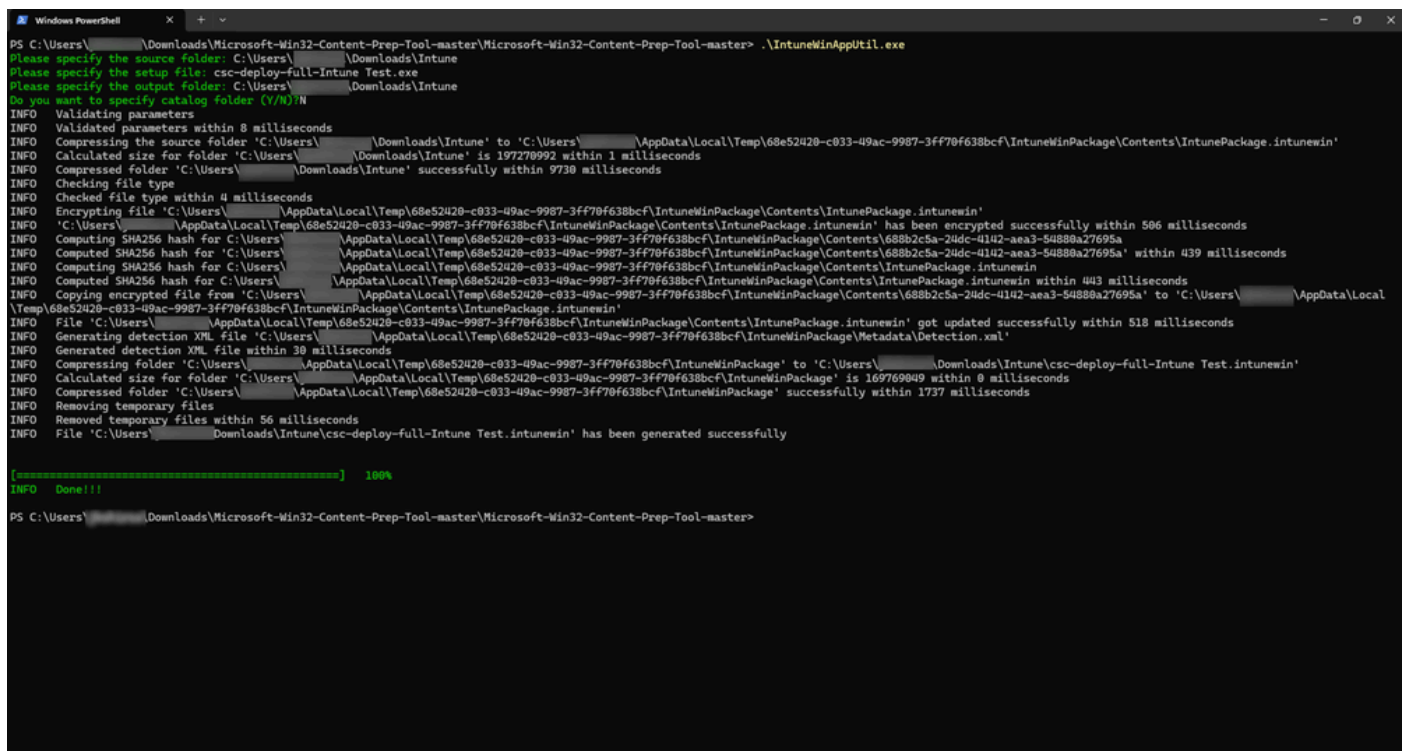
- 登入XDR或安全客戶端雲管理控制檯，具體取決於區域
： <https://apps.security.cisco.com/overview>
- 建立新部署，然後選擇完全安裝程式或網路安裝程式，具體取決於您的部署型別



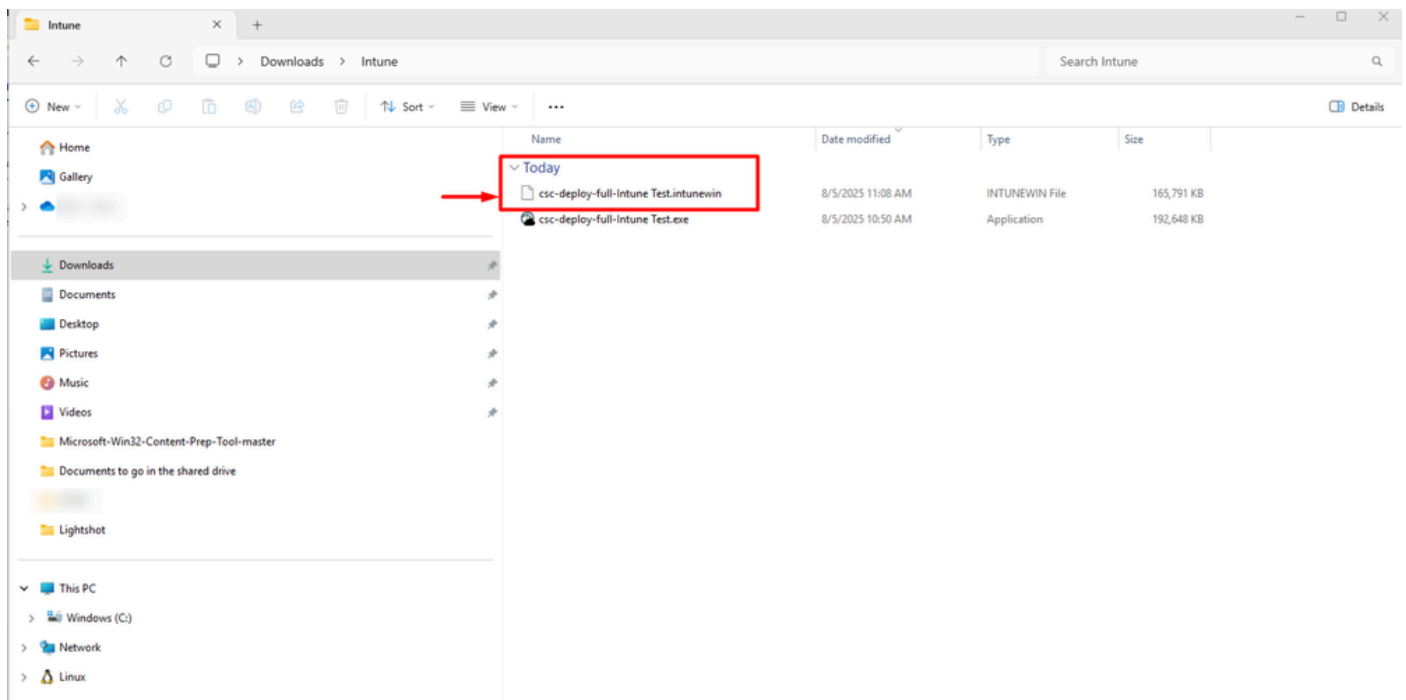
- csc-deploy-full-Intune Test.exe將下載，如螢幕截圖所示。



步驟 2. 按照步驟2中的相同步驟準備Intune檔案。這將建立csc-deploy-full-Intune Test.intunewin檔案。



- 以上步驟導致建立csc-deploy-full-Intune Test.intunewin檔案，如螢幕截圖所示。



步驟3.按照上述步驟，將csc-deploy-full-intune Test.intunewin檔案從第1部分上傳到Microsoft Intune管理中心。

這將完成使用Intune部署思科安全終結點的流程。

Install-CiscoSecureEndpoint.ps1指令碼

```
[CmdletBinding()]
param ()

$cse_exe =

$version =

if ($PSCommandPath -eq $null) {
    function GetPSCommandPath() {
        return $MyInvocation.PSCommandPath;
    }
    $PSCommandPath = GetPSCommandPath
}

$script = [pscustomobject]@{
    "Path" = Split-Path $PSCommandPath -Parent
    "Name" = Split-Path $PSCommandPath -Leaf
}

Set-Location -Path $script.Path

$cse_installer = [IO.Path]::Combine($script.Path, $cse_exe)
$csc_installer_args = "/R /S"

<#
    Cannot use -wait for 'Cisco Secure Endpoint' and therefore cannot get the exit code to return.
    Using -wait, returns varied results, instead use Get-Process and while loop to wait for installation
#>
$install = Start-Process -WorkingDirectory "$($script.Path)" -FilePath "${cse_installer}" -ArgumentList

while (Get-Process "$($cse_exe -replace '.exe', '')" -ErrorAction SilentlyContinue)
{
    Start-Sleep -Seconds 10
}
```

Confirm-CSEInstall.ps1指令碼

```
[CmdletBinding()]
```

```
param ()
```

```
$version =
```

```
<#
```

```
https://learn.microsoft.com/en-us/intune/intune-service/apps/apps-win32-add#step-4-detection-rules  
The app gets detected when the script both returns a 0 value exit code and writes a string value to
```

```
The Intune agent checks the results from the script. It reads the values written by the script to the  
the standard error (STDERR) stream, and the exit code. If the script exits with a nonzero value, the  
the application detection status isn't installed. If the exit code is zero and STDOUT has data, the  
detection status is installed.
```

```
#>
```

```
$cse = Get-ItemProperty HKLM:\Software\Microsoft\Windows\CurrentVersion\Uninstall\*, HKLM:\SOFTWARE\Wow6432bit\Uninstall\*  
if ($cse | Where-Object { [System.Version] $_.DisplayVersion -ge [System.Version] "${version}" })  
{  
    Write-Host "Installed"  
    exit 0  
}
```

```
exit 1
```

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）。