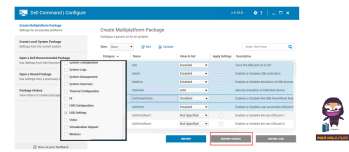


DELLTechnologies
**Endpoint
Configure for
Microsoft
Intune
Application**



DELL Technologies Endpoint Configure for Microsoft Intune Application Installation Guide

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DELL Technologies Endpoint Configure for Microsoft Intune Application

Create Multiplatform Package
Settings for all possible platforms

Create Local System Package
Settings from the current system

Open a Dell Recommended Package
Use Settings from Dell Recommended

Open a Saved Package
Use settings from a previously saved package

Package History
View history of created packages

System Configuration
System Logs
System Management
System Summary
Thermal Configuration
UI
USB Configuration
USB Settings
Video
Virtualization Support
Wireless

View: Basic Edit Validate

Enter Text Here

Category	Name	Value to Set	Apply Settings	Description
USB	Usb	Disabled	<input checked="" type="checkbox"/>	Turns the USB port on or off.
USB	Usbctl	Disabled	<input checked="" type="checkbox"/>	Enables or disables USB controllers.
USB	UsbEmu	Disabled	<input checked="" type="checkbox"/>	Enables or disables emulation of USB devices.
USB	UsbFlash	Hdd	<input checked="" type="checkbox"/>	Sets the emulation of USB flash device.
USB	UsbPowerShare	Disabled	<input checked="" type="checkbox"/>	Enables or disables the USB PowerShare feature.
USB	UsbPorts	Disabled	<input checked="" type="checkbox"/>	Enables or disables user accessible USB ports.
USB	UsbPortsRear1	Not Specified	<input type="checkbox"/>	Enables or disables the rear USB port 1.
USB	UsbPortsRear2	Not Specified	<input type="checkbox"/>	Enables or disables the rear USB port 2.

REPORT EXPORT CONFIG EXPORT .EXE

Give us your feedback

Specifications

- **Product Name:** Dell Command | Endpoint Configure for Microsoft Intune
- **Version:** July 2024 Rev. A01
- **Supported Platforms:** OptiPlex, Latitude, XPS Notebook, Precision
- **Supported Operating Systems:** Windows 10 (64-bit), Windows 11 (64-bit)

FAQs

- **Q: Can non-administrative users install Dell Command | Endpoint Configure for Microsoft Intune?**
 - **A:** No, only administrative users can install, modify, or uninstall the DCECMI application.
- **Q: Where can I find more information on Microsoft Intune?**
 - **A:** For more information on Microsoft Intune, refer to the Endpoint management documentation in Microsoft Learn.

Notes, cautions, and warnings

- **NOTE:** A NOTE indicates important information that helps you make better use of your product.
- **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.
- **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

Introduction to Dell Command

Introduction to Dell Command Endpoint Configure for Microsoft Intune (DCECMI)

Dell Command | Endpoint Configure for Microsoft Intune (DCECMI) enables you to manage and configure BIOS easily and securely with Microsoft Intune. The software uses Binary Large Objects (BLOBs) to store data, configure, and manage Dell system BIOS settings with zero-touch, and set and maintain unique passwords. For more information on Microsoft Intune, see Endpoint management documentation in [Microsoft Learn](#).

Accessing Dell Command | Endpoint Configure for Microsoft Intune installer

Prerequisites

The installation file is available as a Dell Update Package (DUP) at [Support | Dell](#).

Steps

1. Go to [Support | Dell](#).
2. Under Which product can we help you with, enter the Service Tag of your supported Dell device and click Submit, or click Detect personal computer.
3. On the Product Support page for your Dell device, click Drivers & Downloads.
4. Click Manually find a specific driver for your model.
5. Check the System Management checkbox under the Category drop-down.
6. Locate Dell Command | Endpoint Configure for Microsoft Intune in the list and select Download on the right side of the page.
7. Locate the downloaded file on your system (in Google Chrome, the file appears at the bottom of the Chrome window), and run the executable file.
8. Follow the steps in Installing DCECMI using the installation wizard.

Prerequisites for Microsoft Intune Dell BIOS management

- You must have a Dell commercial client with Windows 10 or later operating system.
- The device must be enrolled into Intune mobile device management (MDM).
- .NET 6.0 Runtime for Windows x64 must be installed on the device.
- Dell Command | Endpoint Configure for Microsoft Intune (DCECMI) must be installed.

Important notes

- Intune application deployment can also be used to deploy .NET 6.0 Runtime and DCECMI applications to the endpoints.
- Enter command dotnet --list-runtimes in the command prompt to check if .NET 6.0 runtime for Windows x64 is installed on the device.
- Only administrative users can install, modify, or uninstall the DCECMI application.

Supported Platforms

- OptiPlex
- Latitude
- XPS Notebook
- Precision

Supported operating systems for Windows

- Windows 10 (64-bit)

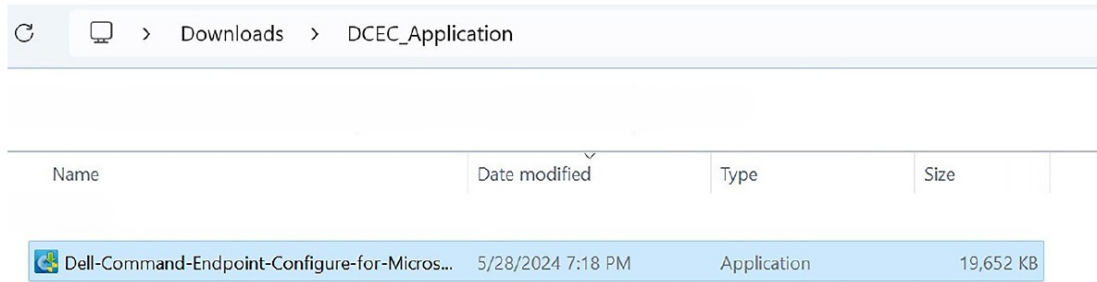
- Windows 11 (64-bit)

Installing DCECM

Installing DCECM using the installation wizard

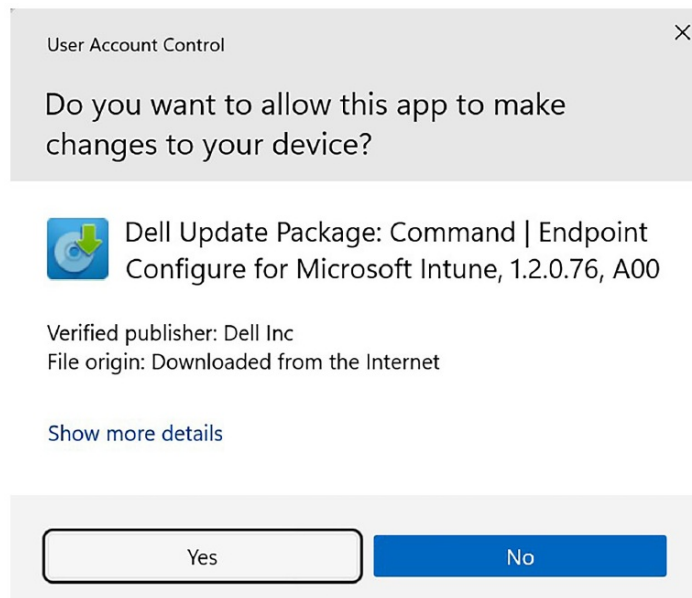
- **Steps**

1. Download the DCECM Dell update package from [Support | Dell](#).
2. Double-click the downloaded installer file.



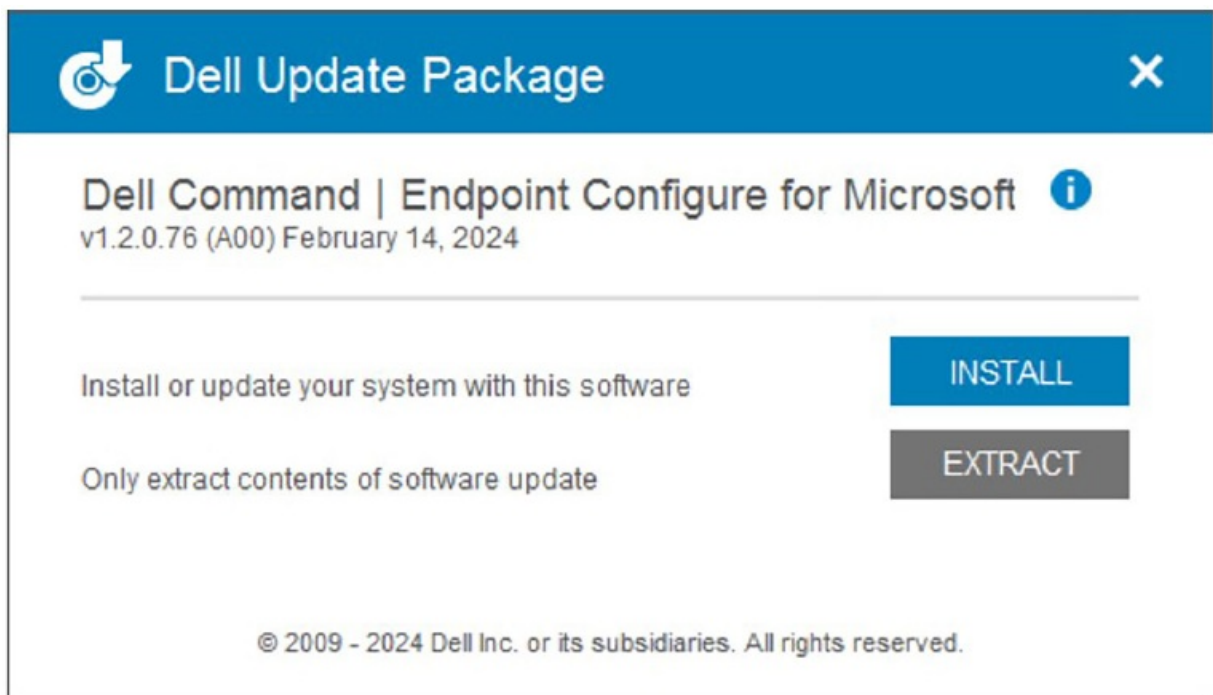
- Figure 1. Installer file

3. Click Yes when prompted to allow the application to make changes to your device.



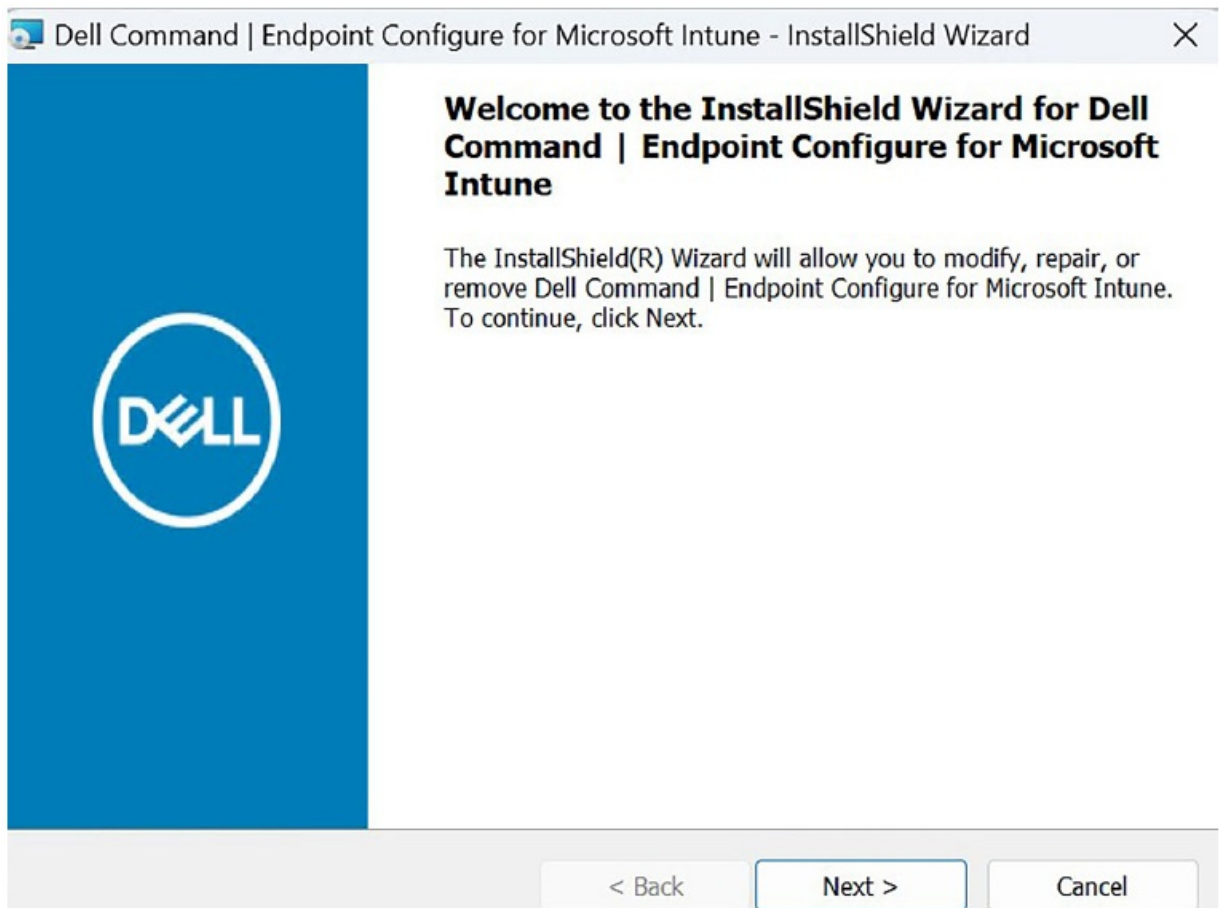
- Figure 2. User Account Control

4. Click Install.



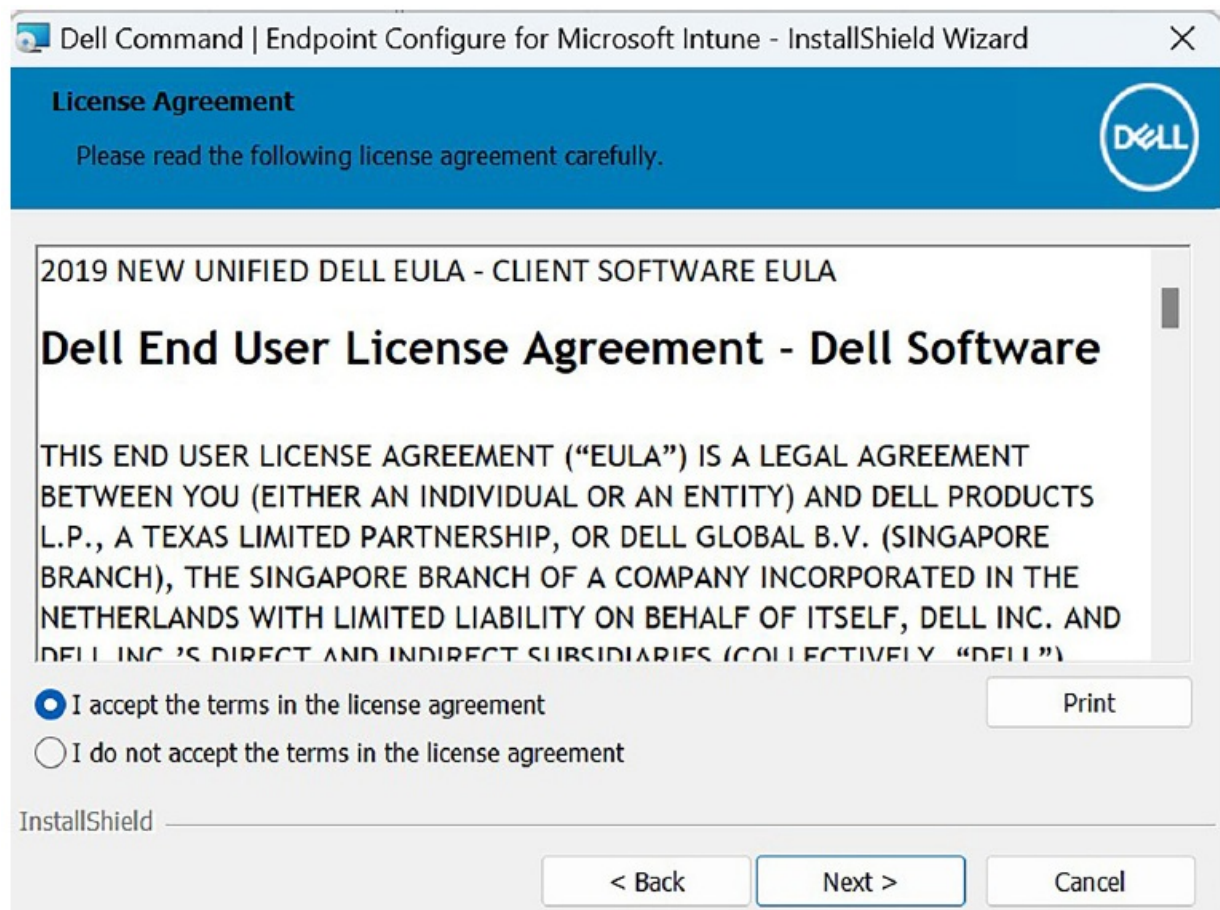
- Figure 3. The Dell update package for DCECM

5. Click Next.



- Figure 4. Next button in InstallShield Wizard

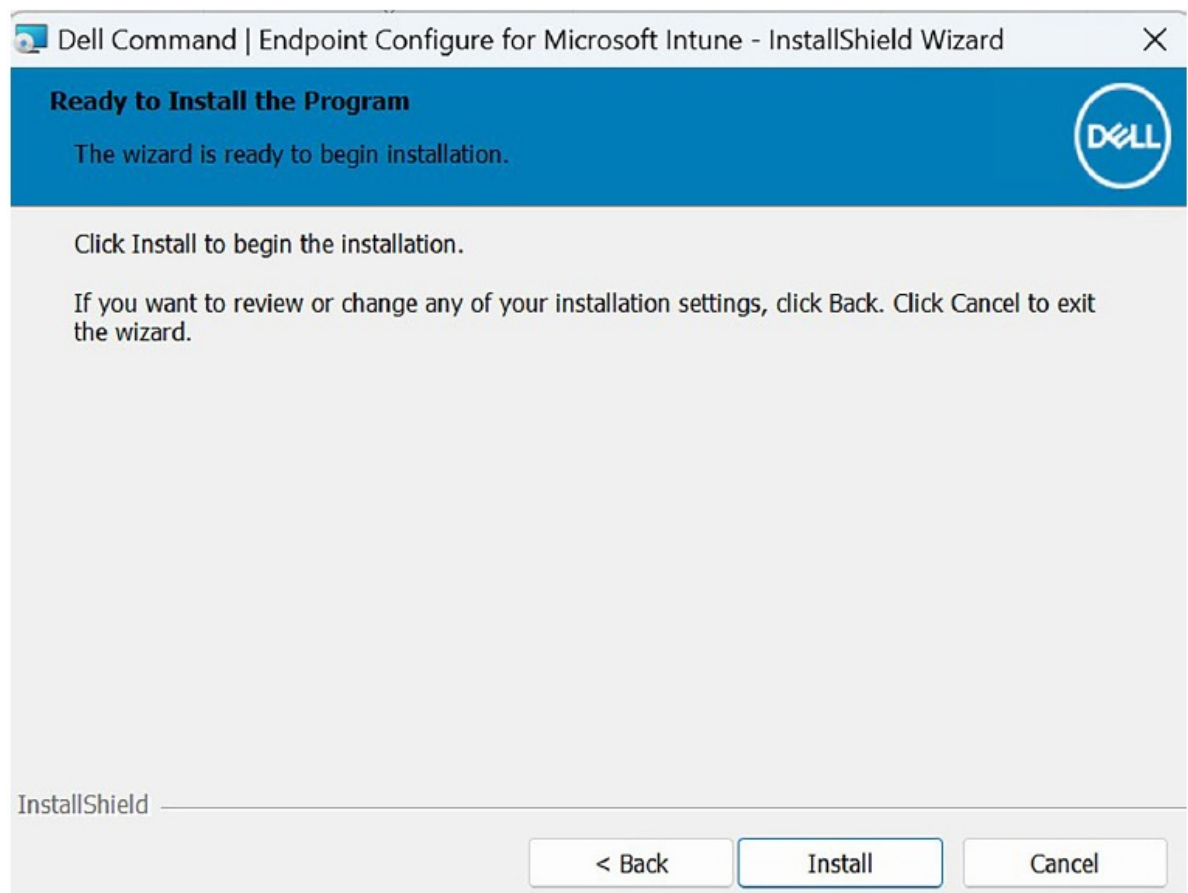
6. Read and Accept the license agreement.



- Figure 5. License agreement for DCECM

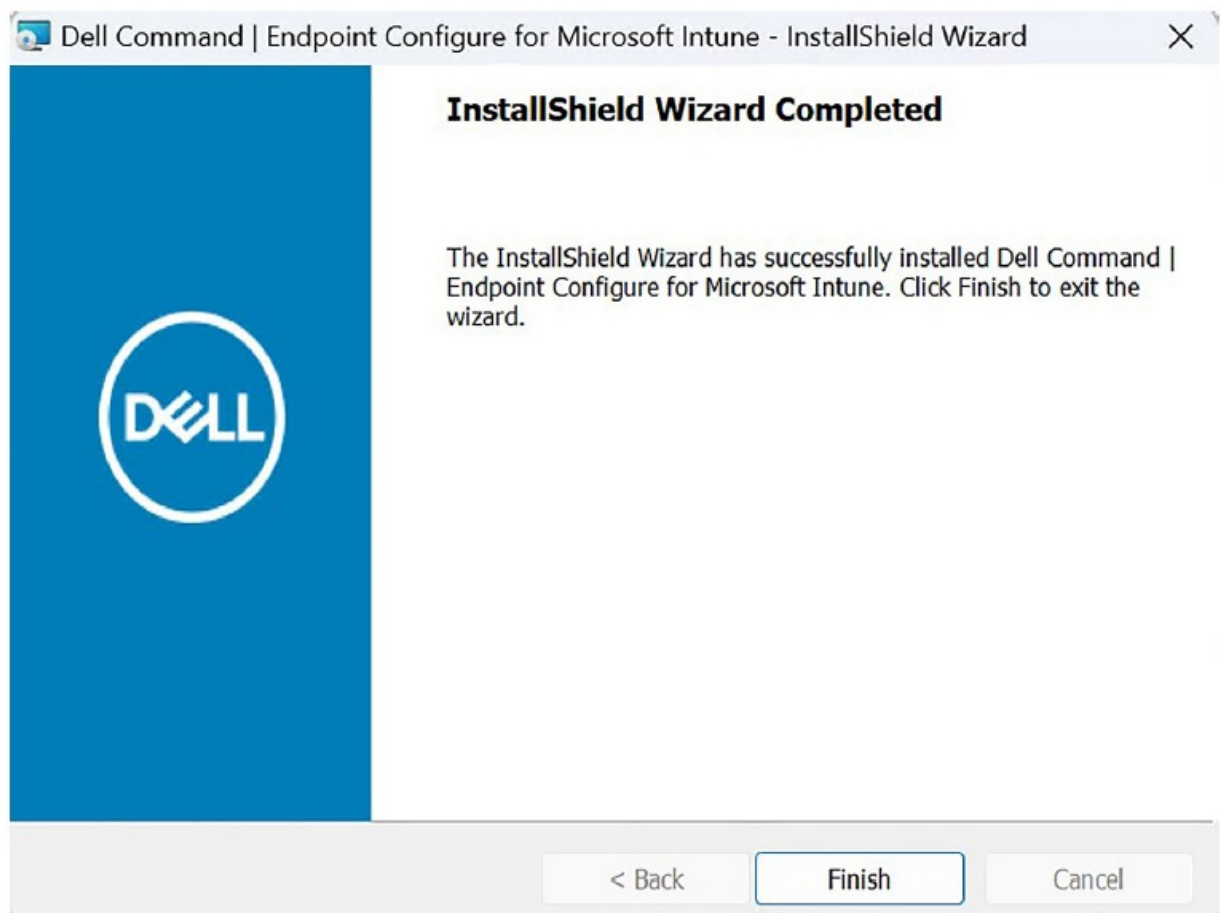
7. Click Install.

- The application starts to install on your device.



- Figure 6. Install button in InstallShield Wizard

8. Click Finish.



◦ Figure 7. Finish button in InstallShield Wizard

To verify the installation, go to Control Panel and see if Dell Command | Endpoint Configure for Microsoft Intune is displayed in the list of applications.

Installing DCECMI in silent mode

Steps

1. Go to the folder where you have downloaded DCECMI.
2. Open the command prompt as administrator.
3. Run the following command: Dell-Command-Endpoint-Configure-for-Microsoft-Intune_XXXXX_WIN_X.X.X_AXX.exe /s.
 - **NOTE:** For more information about using commands, enter the following command: Dell-Command-Endpoint-Configure-for-Microsoft-Intune_XXXXX_WIN_X.X.X_AXX.exe/?

Package to Microsoft Intune

Deploying an application package to Microsoft Intune

Prerequisites

- To create and deploy a Dell Command | Endpoint Configure for Microsoft Intune Win32 application using Microsoft Intune, prepare the application package using Microsoft Win32 Content Prep Tool and upload it.

Steps

1. Download the Microsoft Win32 Content Prep Tool from Github and extract the tool.



Name	Date modified	Type
Microsoft-Win32-Content-Prep-Tool-master	5/28/2024 9:24 PM	File folder

- Figure 8. Download the Microsoft Win32 Content Prep Tool

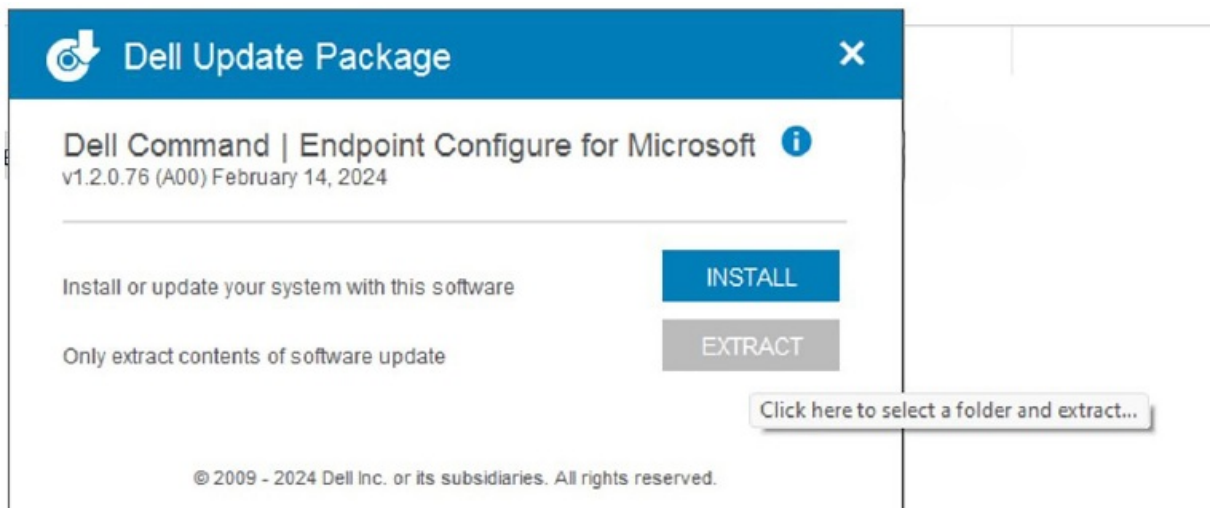
2. Prepare the input file by following these steps:

- **a.** Follow the steps in Accessing Dell Command | Endpoint Configure for Microsoft Intune installer.
- **b.** Locate the .exe file and double-click it.

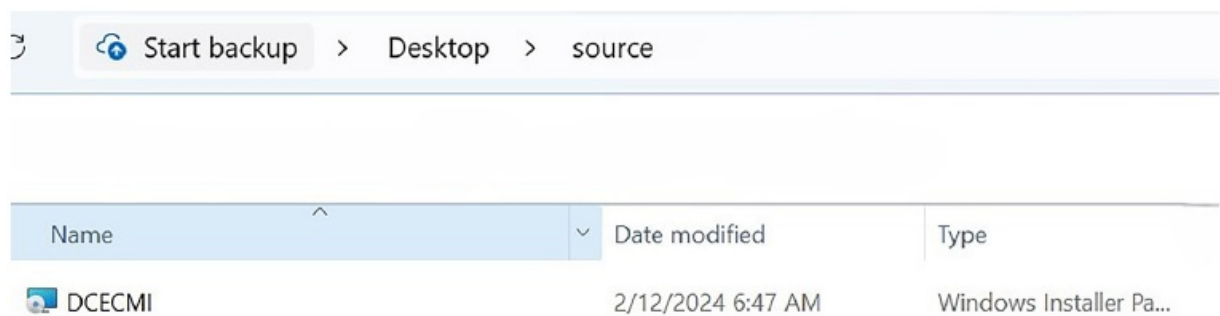


Name	Date modified	Type	Size
Dell-Command-Endpoint-Configure-for-Micros...	5/28/2024 7:18 PM	Application	19,652 KB

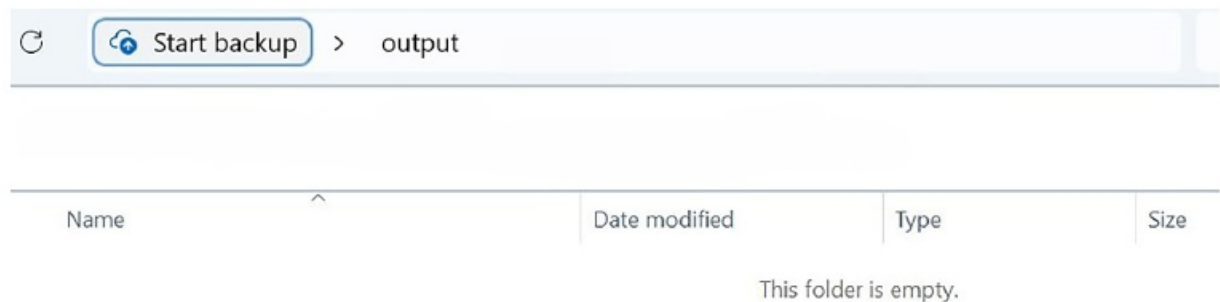
- Figure 9. The DCECMI .exe
- **c.** Click Extract to extract the contents to a folder.



- Figure 10. Extract the file
- **d.** Create a source folder and then copy the MSI file that you got from the previous step to the source folder.



- Figure 11. Source folder
- e. Create another folder called output to save the IntuneWinAppUtil output.



- Figure 12. Output folder
- f. Go to IntuneWinAppUtil.exe in the Command prompt and run the application.
- g. When prompted, enter the following details:
 - **Table 1.** Win32 application details

Option	What to enter
Please specify the source folder	<specify the source folder location>
Please specify the setup file	DCECMI.msi

Option	What to enter
Please specify the output folder	<specify the output folder location>
Do you want to specify the catalog folder (Y/N)?	N

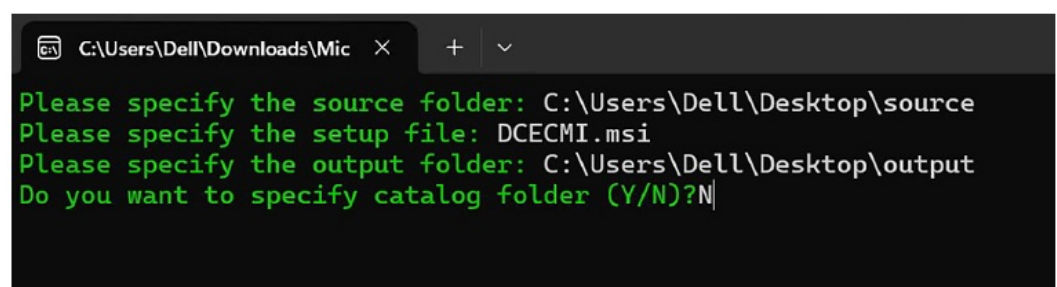


Figure 13. Win32 application details in Command prompt

- Figure 13. Win32 application details in the Command prompt

Uploading an application package to Microsoft Intune Steps

1. Log in to Microsoft Intune with a user who has the Application Manager role assigned.
2. Go to Apps > Windows apps.
3. Click Add.
4. In the App type dropdown, select Windows app (Win32).
5. Click Select.
6. In the App information tab, click Select app package file and select the IntuneWin file that is created using the Win32 Content Prep Tool.
7. Click OK.
8. Review the rest of the details in the App information tab.
9. Enter the details that are not automatically populated:

- **Table 2.** App information details

Options	What to enter
Publisher	Dell
Category	Computer management

10. Click Next.
 - In the Program tab, the Install commands and Uninstall commands fields are automatically populated.
11. Click Next.
 - In the Requirements tab, select 64-bit from the Operating System Architecture dropdown and the Windows operating system version that is based on your environment from the Minimum Operating System dropdown.
12. Click Next.
 - **In the Detection rule tab, do the following:**
 - **a.** In the Rules format dropdown, select Manually Configure Detection Rules.
 - **b.** Click +Add and select MSI from the Rule type dropdown, which populates the MSI product code field.
 - **c.** Click OK.
13. Click Next.
 - In the Dependencies tab, click +Add and select dotnet-runtime-6.x.x-win-x64.exe as dependencies. See Creating and deploying DotNet Runtime Win32 Application from Intune for more information.
14. Click Next.
15. In the Supersedence tab, select No Supersedence if you have not created any lower version of the application. Otherwise, select the lower version that must be superseded.
16. Click Next.
17. In the Assignments tab, click +Add group to select the device group for which the application is required. The required applications are installed automatically on enrolled devices.
 - **NOTE:** If you want to uninstall DCECMI, add the respective device group to the Excluded list.
18. Click Next.
19. In the Review + Create tab, click Create.

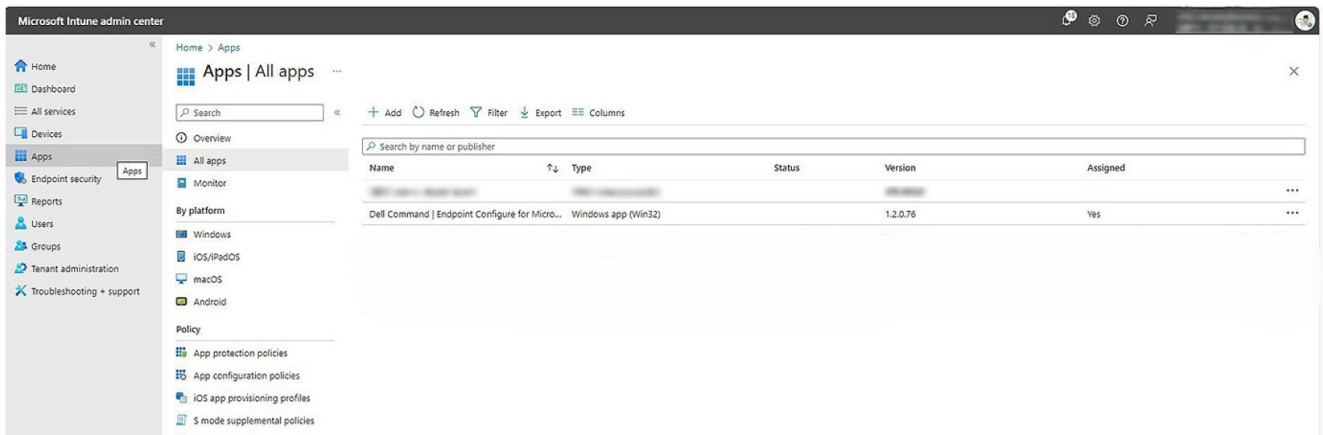
Results

- Once uploaded, the DCECM application package is available in Microsoft Intune for deployment to managed devices.

Checking the deployment status of the application package

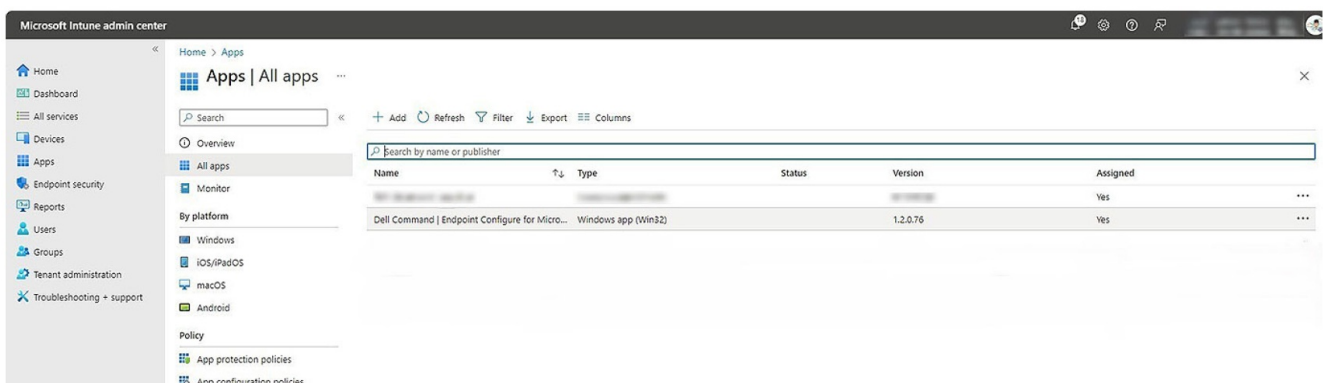
Steps

1. Go to the Microsoft Intune admin center and sign in with a user having the Application Manager role assigned.
2. Click Apps in the navigation menu on the left.
3. Select All apps.



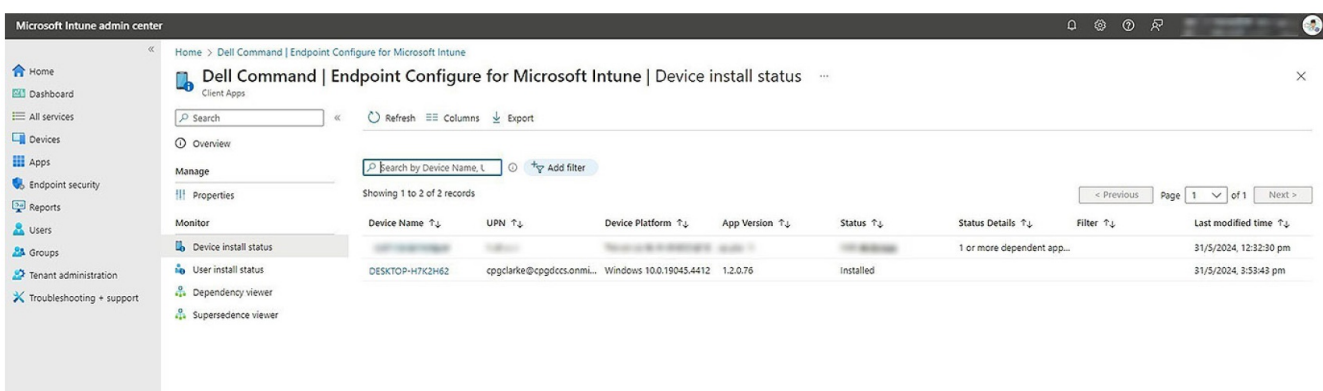
- Figure 14. All apps tab in Apps

4. Locate and open the Dell Command | Endpoint Configure for Microsoft Intune Win32 application.

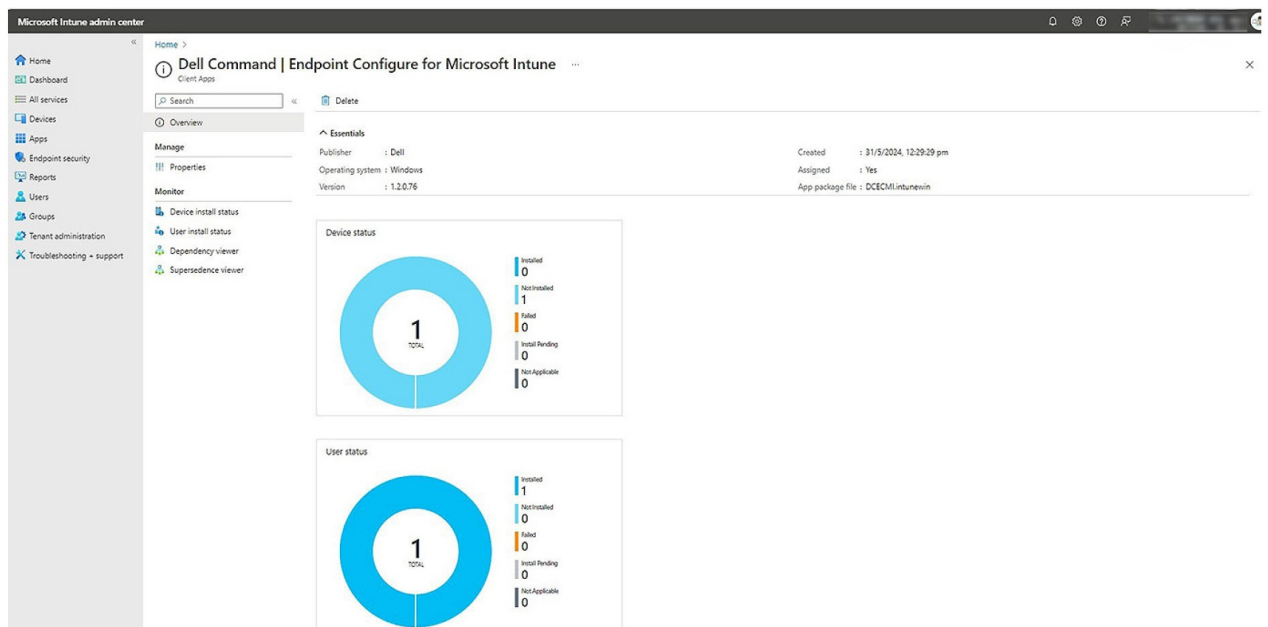


- Figure 15. Dell Command | Endpoint Configure for Microsoft Intune Win32

5. Open the details page.
6. On the details page, click the Device install status tab.



- Figure 16. Device install status



- Figure 17. Device install status
- You can see the installation status of the DCECM application on different devices.

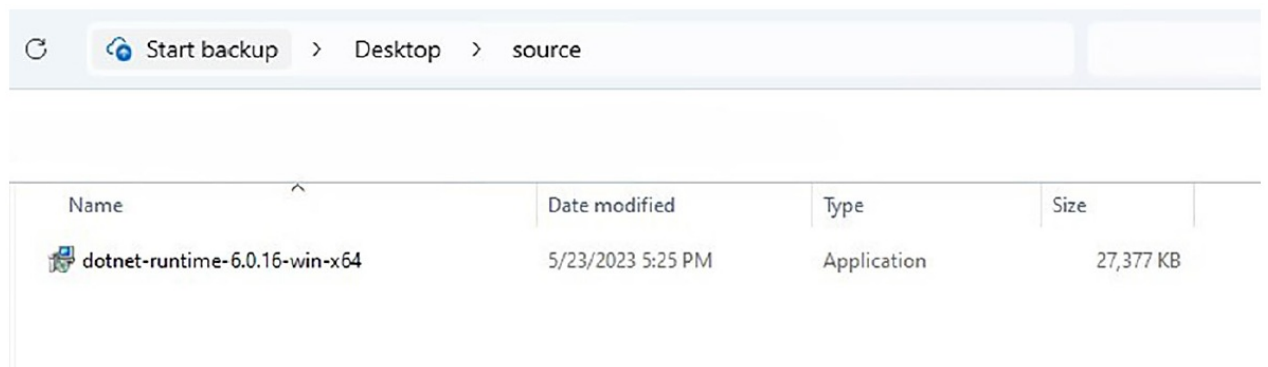
Creating and Deploying

Creating and deploying DotNet Runtime Win32 Application from Intune

To create and deploy a DotNet Runtime Win32 application using Intune, do the following:

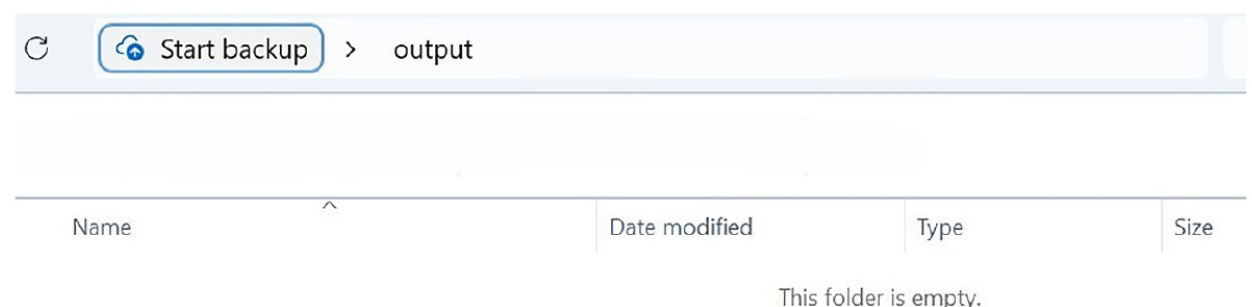
1. Prepare the input file by following these steps:

- **a.** Download the latest DotNet Runtime 6. x.x from Microsoft . NET.
- **b.** Create a folder that is called Source and then copy the .exe file to the Source folder.



◦ Figure 18. Source

- **c.** Create another folder called output to save the IntuneWinAppUtil output.



◦ Figure 19. Output folder

- **d.** Go to IntuneWinAppUtil.exe in the Command prompt and run the application.

```

C:\Users\Dell\Downloads\Mic X + v
Please specify the source folder: C:\Users\Dell\Desktop\source
Please specify the setup file: dotnet-runtime-6.0.16-win-x64.exe
Please specify the output folder: C:\Users\Dell\Desktop\output
Do you want to specify catalog folder (Y/N)?N

```

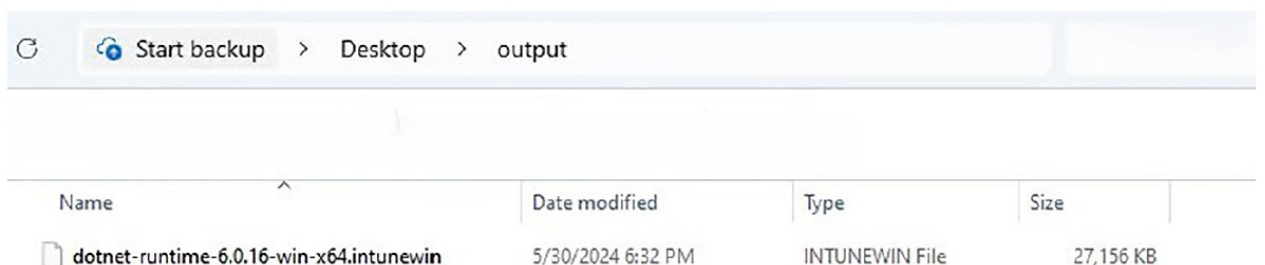
◦ Figure 20. Command

- e. When prompted, enter these details:

◦ Table 3. Input details

Options	What to enter
Please specify the source folder	<specify the source folder location>
Please specify the setup file	dotnet-runtime-6.x.x-win-x64.exe
Please specify the output folder	<specify the output folder location>
Do you want to specify the catalog folder (Y/N) ?	N

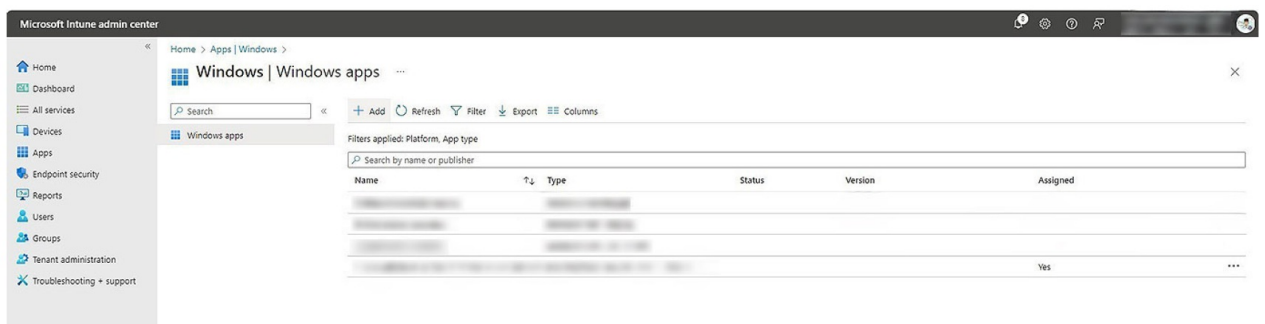
- f. A dotnet-runtime-6.x.x-win-x64.intunewin package is created in the output folder.



◦ Figure 21. After command

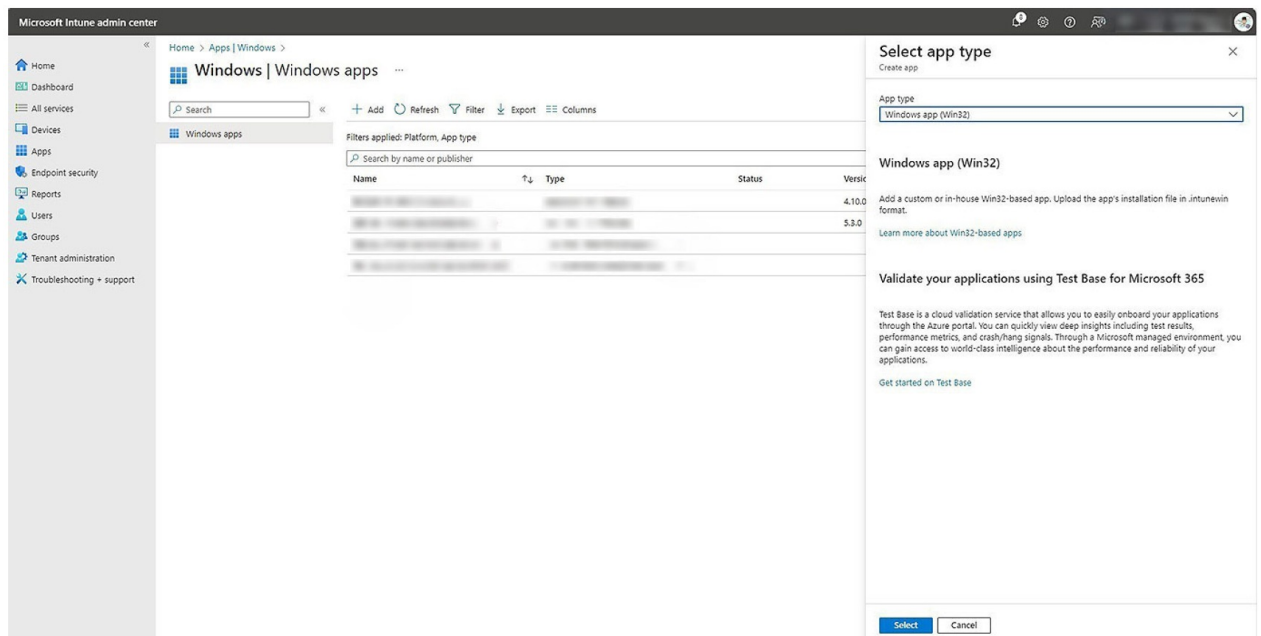
2. Upload the DotNet intune-win package to Intune by following these steps:

- a. Log in to Microsoft Intune with a user who has the Application Manager role assigned.
- b. Go to Apps > Windows apps.

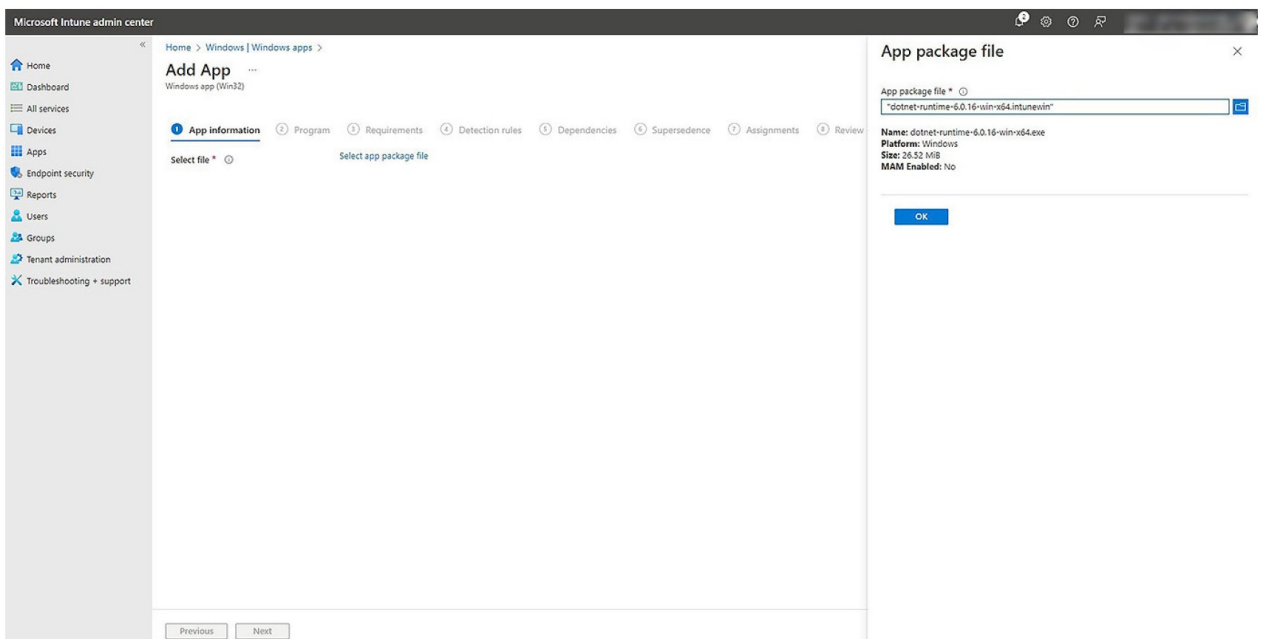


◦ Figure 22. Windows apps

- c. Click Add.
- d. In the App type dropdown, select Windows app (Win32).



- Figure 23. App type
- e. Click Select.
- f. In the App information tab, click Select app package file and select the IntuneWin file that is created using the Win32 Content Prep Tool.



- Figure 24. App package file
- g. Click OK.
- h. Review the rest of the details in the App information tab.

App information
Program
Requirements
Detection rules
Review + save

Select file to update * ⓘ

dotnet-runtime-6.0.16-win-x64.intunewin

Name * ⓘ

dotnet-runtime-6.0.16-win-x64.exe

Description * ⓘ

dotnet-runtime-6.0.16-win-x64.exe

Edit Description

Publisher * ⓘ

Microsoft

App Version ⓘ

6.0.16

Category ⓘ

0 selected

Show this as a featured app in the Company Portal ⓘ

Yes No

Information URL ⓘ

Enter a valid url

Privacy URL ⓘ

Enter a valid url

Developer ⓘ

Owner ⓘ

Notes ⓘ

Logo ⓘ

Select image

- Figure 25. App information
- i. Enter the details, which are not automatically populated:
- Table 4. Input details

Options	What to enter
Publisher	Microsoft
App version	6.x.x

- j. Click Next.
- The program tab opens where you must add the Install commands and Uninstall commands:
- Install commands: powershell.exe -execution policy bypass .\dotnet-runtime-6.x.x-win-x64.exe /install /quiet /norestart
- Uninstall commands: powershell.exe -execution policy bypass .\dotnet-runtime-6.x.x-win-x64.exe /uninstall /quiet /norestart

Microsoft Intune admin center

Home > Windows > Windows apps >

Add App

Windows app (Win32)

App information Program Requirements Detection rules Dependencies Supersedence Assignments Review + create

Specify the commands to install and uninstall this app:

Install command *

Uninstall command *

Installation time required (mins)

Allow available uninstall ☒ Yes ☐ No

Install behavior ☒ System ☐ User

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

Previous Next

◦ Figure 26. Program

• **k. Click Next.**

- The requirements tab opens where you must select 64-bit from the Operating system architecture dropdown and the Windows operating system version that is based on your environment from the Minimum operating system dropdown.

Microsoft Intune admin center

Home > Apps > Windows > Windows apps >

Add App

Windows app (Win32)

App information Program Requirements Detection rules Dependencies Supersedence Assignments Review + create

Specify the requirements that devices must meet before the app is installed:

Operating system architecture *

Minimum operating system *

Disk space required (MB)

Physical memory required (MB)

Minimum number of logical processors required

Minimum CPU speed required (MHz)

Configure additional requirement rules

Type	Path/Script
No requirements are specified.	

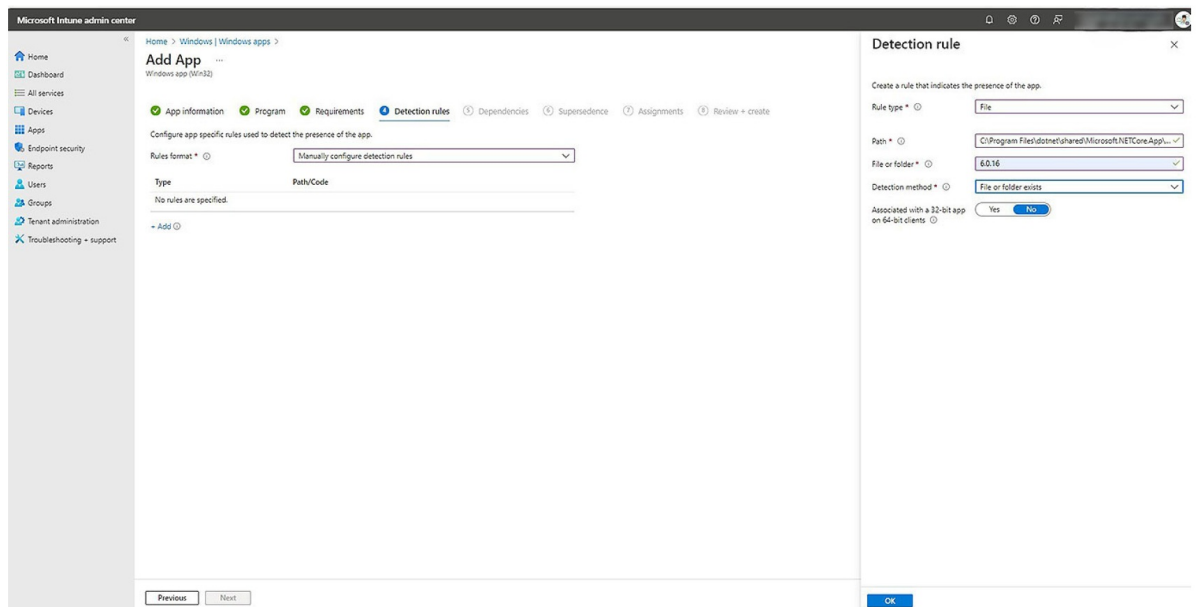
+ Add

Previous Next

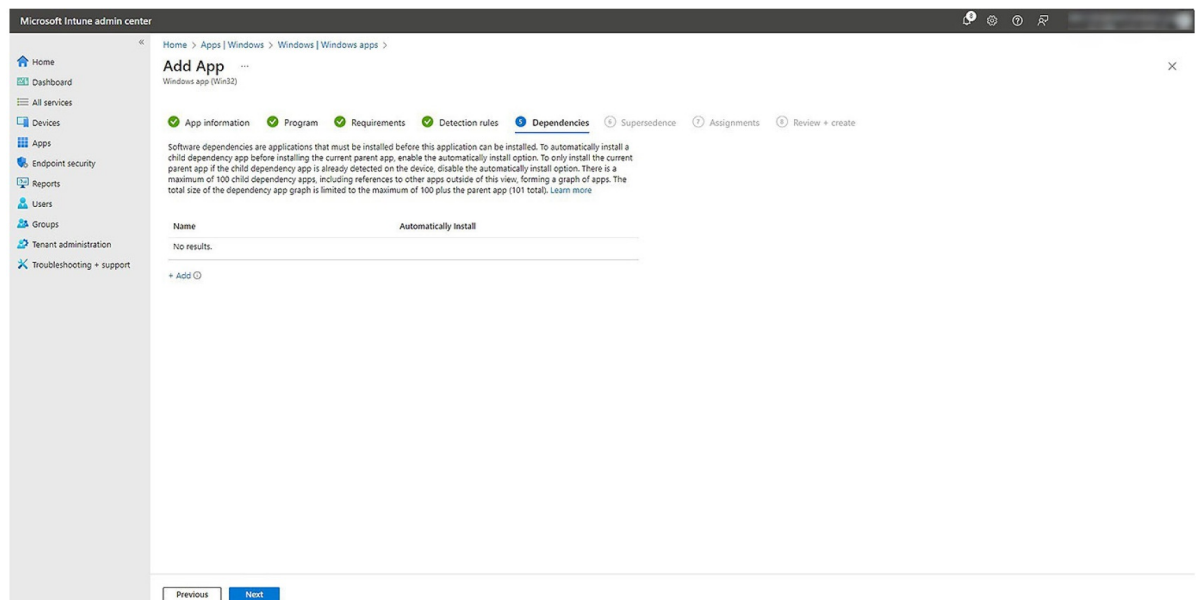
◦ Figure 27. Requirements

• **l. Click Next.**

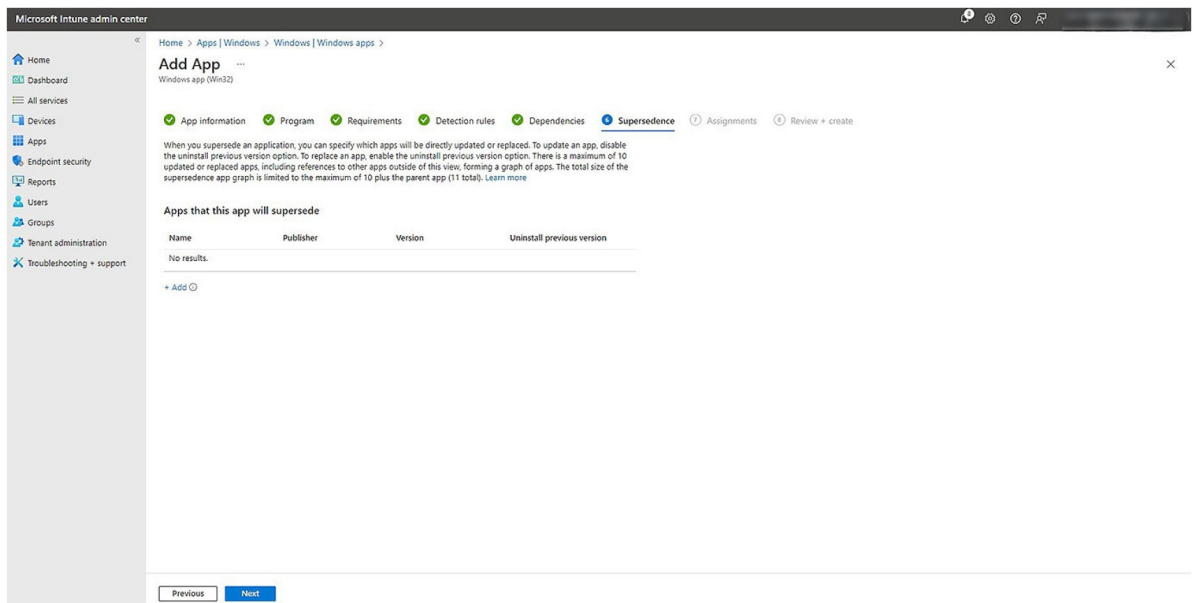
- The detection rule tab opens where you must do the following:
- In the Rules format dropdown, select Manually Configure detection rules.



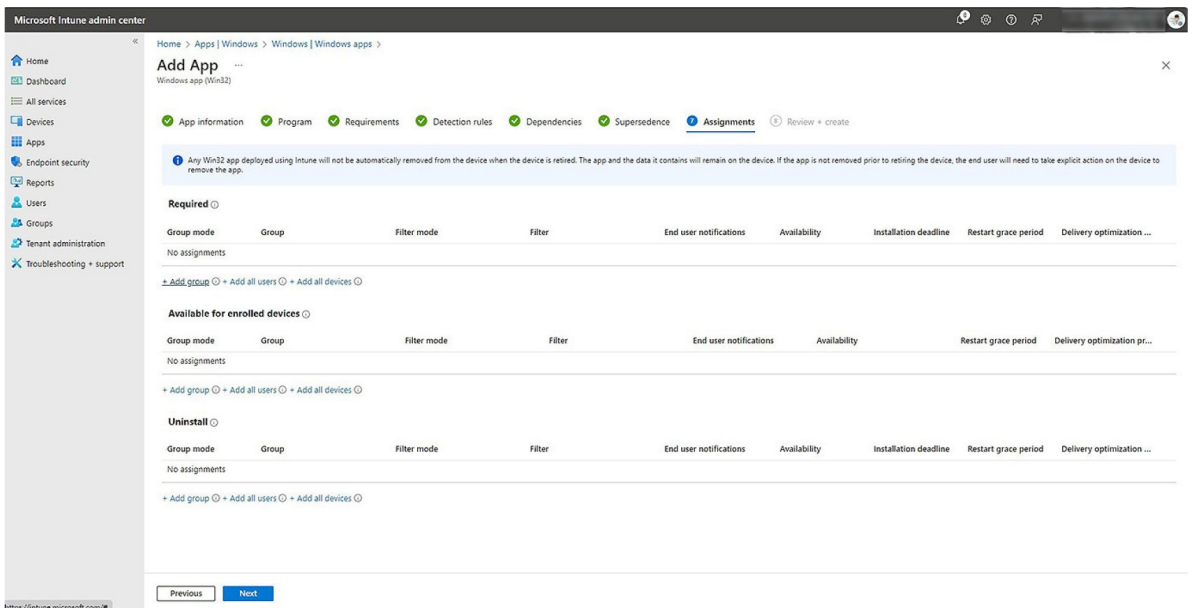
- Figure 28. Manually configure detection rules
- Click +Add.
- Under Detection rules, select File as Rule type.
- Under Path, enter the complete path of the folder: C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.x.x..
- Under File or folder, enter the folder name to detect.
- Under the Detection method, select File or folder exists.
- Click OK.
- m. Click Next.
- The dependencies tab opens where you can select No dependencies.



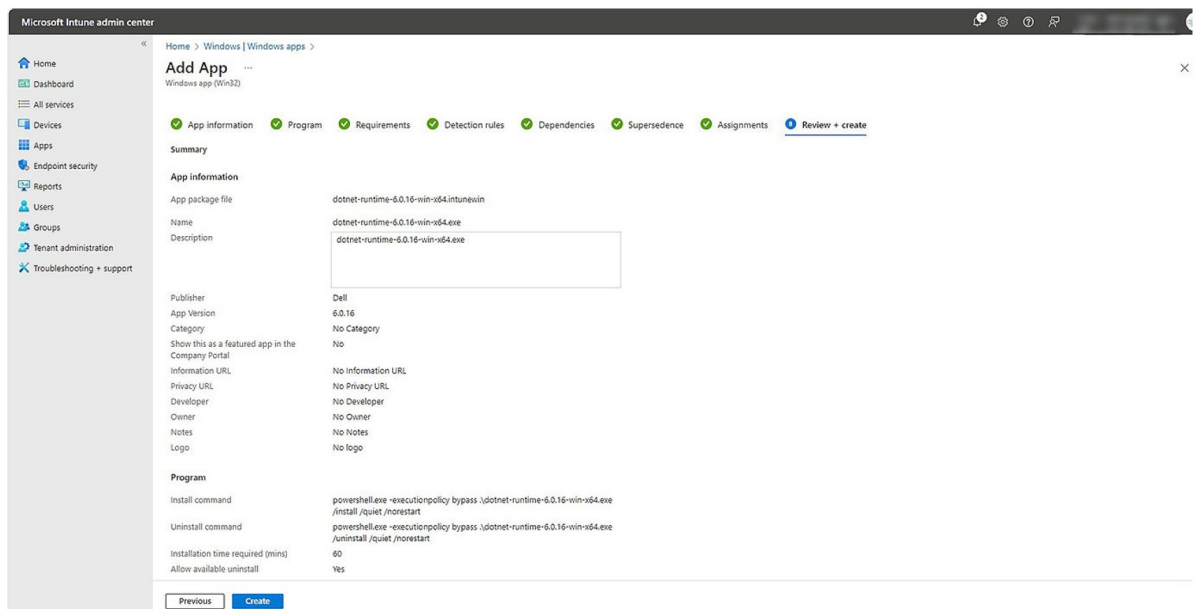
- Figure 29. Dependencies
- n. Click Next.
- In the Supersedence tab, select No Supersedence if you have not created any lower version of the application. Otherwise, select the lower version that must be superseded.



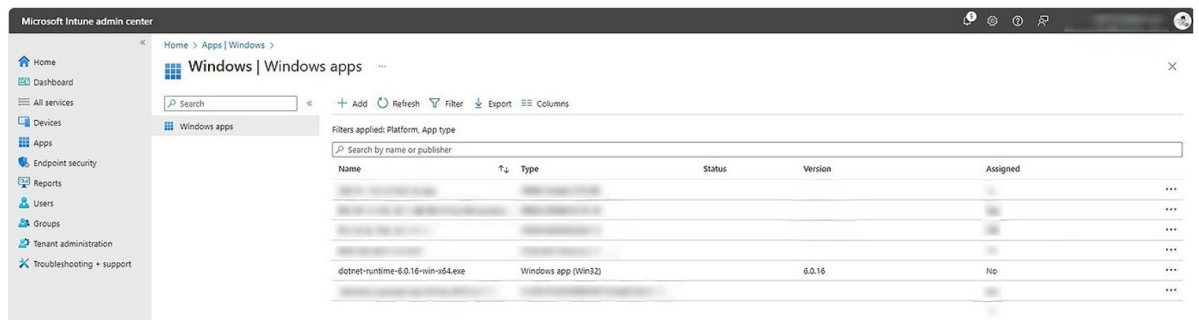
- Figure 30. Supersedence
- **o.** Click Next.
 - The assignments tab opens where you must click +Add group to select the device group for which the application is required. The required applications are installed automatically on enrolled devices.



- Figure 31. Assignments
- **p.** Click Next.
 - Review + Create tab opens where you must click Create.



- Figure 32. Review and create
- Once uploaded, the DotNet Runtime application package is available in Microsoft Intune for deployment to managed devices.



- Figure 33. Application package

Checking the deployment status of the application package

To check the deployment status of the application package, do the following:

1. Go to the Microsoft Intune admin center and sign in with a user who has the Application Manager role assigned.
2. Click Apps in the navigation menu on the left.
3. Select All apps.
4. Locate the DotNet Runtime Win32 application, and click its name to open the details page.
5. On the details page, click the Device install status tab.

You can see the installation status of DotNet Runtime Win32 on different devices.

Uninstalling Dell Command | Endpoint Configure for Microsoft Intune for systems running on Windows

1. Go to Start > Settings > Apps > Apps and Features.
2. Select Add/Remove Programs.

NOTE: You can also uninstall DCECM from Intune. If you want to uninstall DCECM, add the respective device group to the Excluded list, which can be found in the Assignments tab of Microsoft Intune. See Uploading an

application package to Microsoft Intune for more details.

Contacting Dell

Prerequisites

NOTE: If you do not have an active internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

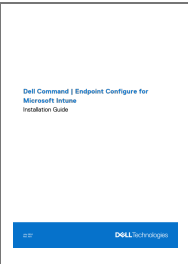
About this task

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell sales, technical support, or customer service issues:

Steps

1. Go to Support | Dell.
2. Select your support category.
3. Verify your country or region in the Choose a Country/Region drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.

Documents / Resources

	DELL Technologies Endpoint Configure for Microsoft Intune Application [pdf] Installation Guide Endpoint Configure for Microsoft Intune Application, Application
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References

- [.NET | Build. Test. Deploy.](#)
- [GitHub: Let's build from here · GitHub](#)
- [Microsoft Learn: Build skills that open doors in your career](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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