



DEPLOY DELL CLIENT TOOLS WITH MICROSOFT ENDPOINT MANAGER

Step by Step install Dell Tool

Summary

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Dell Technologies – Modern Compute Solutions Group

Author: Sven Riebe

Author	Sven Riebe
Version	Draft 1.0.1
Editor	Amy Price and Mesut Kaptanoglu

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Release notes

Version	Changes
1.0.0	Initial document
1.0.1	Change process of MSI extract of Dell Command Update and Dell Power Manager

Summary

This document provides a step-by-step guide to deployment of the Dell Client Tools with Microsoft Endpoint Manager (MEM) with Intune only option. Installation instructions are also provided for the deployment of Dell tools with solutions like Microsoft SCCM. This document is designed for modern management systems without co-management.

Recommendation:

This guide will assume that you are using a clean Dell Ready Image. In case you are using the standard preinstallation of Windows 10, please uninstall all existing Dell tools. This will avoid any conflicts between the standard versions that are preinstalled and their corresponding Business version (e.g., Dell SupportAssist vs. Dell SupportAssist for Business PCs) you want to install on your device by following this documentation. Alternatively, you can use a clean Windows 10 image as well but remember that the idea of modern provisioning is not to spend time on creating an OS Image.



Deployment Best Practices

In this guide we follow the best practices for modern management with Microsoft Endpoint Manager / Microsoft Intune. We also take into consideration that most of our customers will leverage modern deployment options like Windows Autopilot for pre-provisioned deployment (also known as Autopilot white glove). That's why we choose to document all examples based on Microsoft Intune Win32 app (.intunewin format) and not by using Line-of-business app (.msi, .appx, .appxbundle, .msix, and .msixbundle formats). Win32 app provides the best experience with its management capabilities and is also preferred formats for all pre-provisioning services.

Dell Trusted Device Agent

Introduction

The Dell Trusted Device agent is part of the Dell SafeBIOS product portfolio. The Trusted Device agent supports these security and identity functions:

- BIOS Verification
- BIOS Events & Indicators of Attack
- Image Capture
- Intel ME Verification
- Security Risk Protection Score
- Dell Event Repository and SIEM integration

Reference: Dell Trusted Device Installation and Administrator Guide

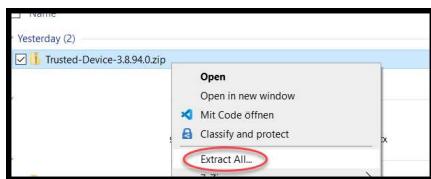
<https://www.dell.com/support/home/en-us/product-support/product/trusted-device/docs>

Prepare Dell Trusted Device Agent for MEM

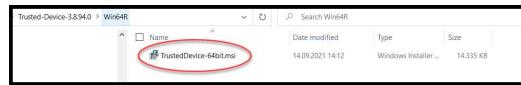
Download of the newest Version of Dell Trusted Device Agent from the Dell website.

<https://www.dell.com/support/home/en-us/product-support/product/trusted-device/drivers>

The file must be unzipped:



The folder contains a file named TrustedDevice-64bit.msi. This file is required for deploying the software package through MEM.



Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\Trusted Device\3.8.94.0
Please specify the setup file: TrustedDevice-64bit.msi
Please specify the output folder: C:\Dell\IntuneWin\Output\TrustedDevice\3.8.94.0
Do you want to specify catalog folder (Y/N)?n
```

MEM is now prepared and ready for installation by MEM.



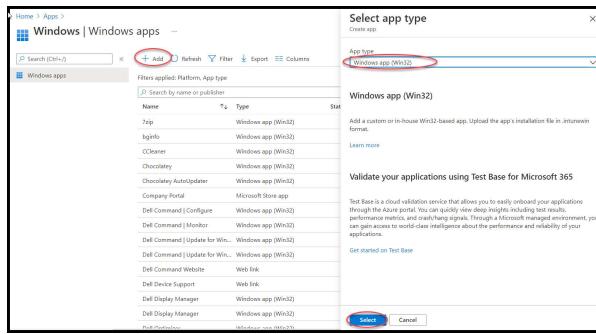
Import and Deployment settings Dell Trusted Device Agent for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'



Click 'Select app package file'

Click 'Folder'

Select 'TrustedDevice-64bit.intunewin'

Click 'OK'

Home > Apps > Windows >

Add App ...

Windows app (Win32)

App information ② Program ③ Requirements ④ Detection rules

Select file * **Select app package file**

App package file * ⓘ
TrustedDevice-64bit.intunewin*

Name: Dell Trusted Device Agent
Platform: Windows
App version: 3.8.94.0
Size: 10.76 MB
MAM Enabled: No

OK

Field	Value
Publisher	Dell Inc.
Show this as a featured app in the Company Portal	No (default security app by device)

Click 'Next'

Home > Apps > Windows >

Add App ...

Windows app (Win32)

App information ② Program ③ Requirements ④ Detection rules ⑤ Dependencies ⑥ Sup...

Select file * ⓘ
TrustedDevice-64bit.intunewin*

Name * ⓘ
Dell Trusted Device Agent

Description * ⓘ
Dell Trusted Device Agent

Edit Description

Publisher * ⓘ
Dell Inc.

App Version ⓘ
3.8.94.0

Category ⓘ
0 selected

Show this as a featured app in the Company Portal ⓘ **No**

Previous **Next**

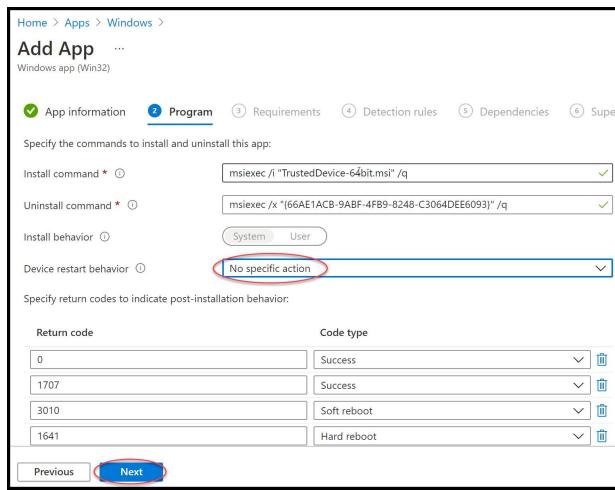
Section 'Program'



Home > Apps > Windows >
Add App ...
Windows app (Win32)
✓ App information **Program** Requirements Detection rules Dependencies Supercedence (review) Assignments Review + create

Field	Value
Device restart behavior	No specific action

Click 'Next'



Home > Apps > Windows >
Add App ...
Windows app (Win32)
✓ App information **Program** Requirements Detection rules Dependencies Supercedence (review) Assignments Review + create

Specify the commands to install and uninstall this app:

Install command * ⓘ

Uninstall command * ⓘ

Install behavior ⓘ System User

Device restart behavior ⓘ No specific action

Specify return codes to indicate post-installation behavior:

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

Previous **Next**

Section 'Requirements'



Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

A screenshot of the 'Add App' interface, specifically the 'Requirements' section. The 'Requirements' tab is selected. The form fields are as follows:

- Operating system architecture: 64-bit (selected from a dropdown menu)
- Minimum operating system: Windows 10 1909 (selected from a dropdown menu)
- Disk space required (MB): (empty input field)
- Physical memory required (MB): (empty input field)
- Minimum number of logical processors required: (empty input field)
- Minimum CPU speed required (MHz): (empty input field)

The 'Configure additional requirement rules' section shows a table with two columns: 'Type' and 'Path/Script'. A note below the table states 'No requirements are specified.' At the bottom of the page are 'Previous' and 'Next' buttons, with the 'Next' button being highlighted with a red oval.

Section 'Detection rules'

The screenshot shows the 'Add App' interface with the 'Detection rules' tab highlighted. Other tabs like 'App information', 'Program', 'Requirements', 'Dependencies', 'Supersedeance (preview)', 'Assignments', and 'Review + create' are also visible.

Field	Value
Rules format	Manually configure detection rules

Click 'Add'

The screenshot shows the 'Add App' interface with the 'Detection rules' tab selected. A dropdown menu is open under 'Rules format' with the option 'Manually configure detection rules' selected. Below the dropdown, there is a table for specifying rules, with a single row showing 'Type' as 'Path/Code'. At the bottom left of the table area, there is a red circle with a white arrow pointing to the 'Add' button.

Field	Value
Rule type	MSI
MSI product code	Default
MSI product version check	Yes
Operator	Greater than or equal to
Value	3.8.94.0 Note: Use version of your Trusted Device

Click 'OK'

Detection rule

Create a rule that indicates the presence of the app.

Rule type * MSI

MSI product code *

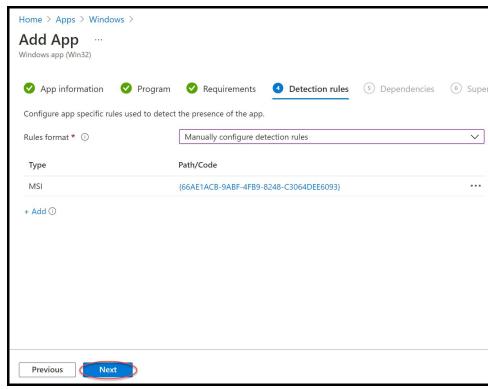
MSI product version check Yes No

Operator * Greater than or equal to

Value *

OK

Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have an existing version of this software, you can select this previous version here to uninstall before this soft package is installed. All install instructions are tested for Install/Uninstall and Update, so this point is not needed.

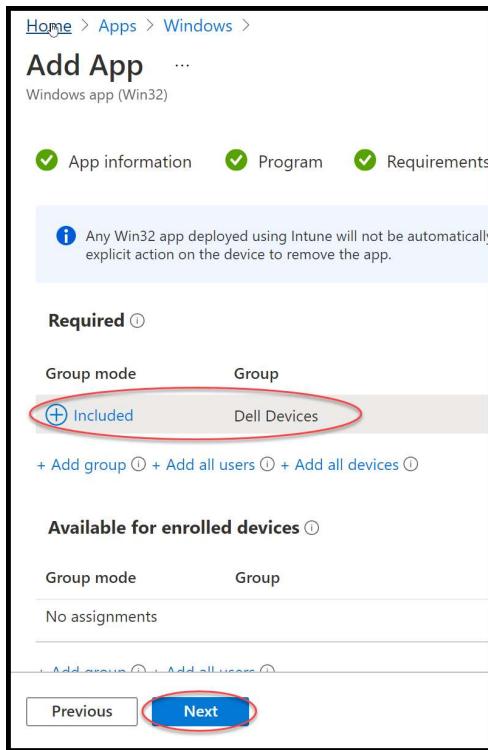
Section 'Assignments'



The Dell Trusted Device Agent supports only Dell (Latitude, Optiplex, Precision and mobile XPS) it makes sense to have a dynamic group which only incl. these systems.

Option	Value
Required	Add group 'Dell Devices'
Available for enrolled devices	
Uninstall	

Click 'Next'



The app is now finished

Click 'Create'

Home > Apps > Windows >

Add App

Windows app (Win32)

App package file: TrustedDevice-64bit.intunewin

Name: Dell Trusted Device Agent

Description: Dell Trusted Device Agent

Publisher: Dell Inc.

App Version: 3.8.94.0

Category: --

Show this as a featured app in the Company Portal: No

Information URL: --

Privacy URL: --

Developer: --

Owner: --

Notes: --

Logo: --

Program

Install command: msieexec /i "TrustedDevice-64bit.msi" /q

Uninstall command: msieexec /x "(66AE1ACB-9ABF-4FB9-B248-C3064DEE6093)" /q

Install behavior: System

Previous **Create** Next

Ready to work.

Name	Type	Status	Version	Assigned
Dell Trusted Device Agent	Windows app (Win32)	Not assigned	3.8.94.0	No
Dell Trusted Device Agent	Windows app (Win32)	Not assigned	3.8.94.0	No
Dell Trusted Device Agent	Windows app (Win32)	Not assigned	3.7.89.0	No

Dell Power Manager

Introduction

Dell Power Manager software provides simplified and efficient power management capabilities for Dell notebooks and tablets running Windows 7, Windows 8, and Windows 10 operating systems.

Dell Power Manager Version User Guide

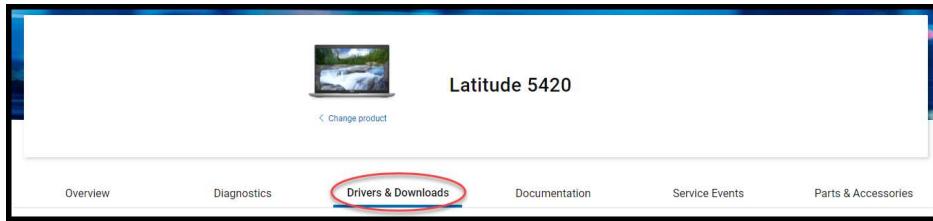
<https://www.dell.com/support/home/en-us/product-support/product/dell-command-power-manager/docs>

Prepare Dell Power Manager for MEM

Download the newest Version of Dell Power Manager from our website.

<https://www.dell.com/support/home/en-us>

Note: Please select a device platform like Latitude 5420 and move to section 'Drivers & Downloads'



Choose Manually to find a specific driver

Field	Value
Category	Systems Management

Find Dell Power Manager Service and download the installer file.

The screenshot shows a web-based driver search interface. At the top, there's a search bar for 'Keyword' and a dropdown for 'Operating system' set to 'Windows 10, 64-bit'. Below that, a 'Category' dropdown is set to 'Systems Management' and has a red circle around it. A 'Format' dropdown is set to 'All'. There's also a checkbox for 'Show downloads for only THIS PC'. A note below says 'This is a comprehensive list of all available downloads. Some may already be installed on your system. To let Dell automatically find driver updates for you, select Check for Updates above.' The main area shows a table of drivers with columns: NAME, CATEGORY, RELEASE DATE, and ACTION. Four drivers are listed, and the fourth one, 'Dell Power Manager Service', is circled in red. The table has a header row and four data rows.

NAME	CATEGORY	RELEASE DATE	ACTION
Dell Command Monitor URGENT	Systems Management	21 Jun 2021	Download
Dell Command Monitor URGENT	Systems Management	21 Jun 2021	Download
Dell Command Deploy Driver Pack	Systems Management	09 Nov 2021	Download
Dell Power Manager Service	Systems Management	04 Nov 2021	Download

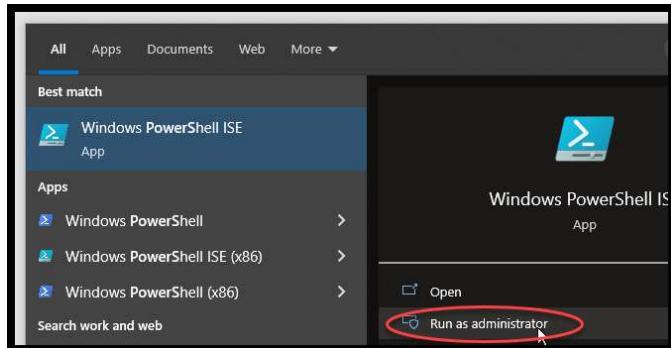
If you have downloaded the file from dell.com/support, an added step is needed to find the MSI for the installation.



The MSI need to extract from the EXE.

If you need more details, please take a look on the Support article
<https://www.dell.com/support/kbdoc/en-en/000177292/how-to-create-a-dell-command-update-msi-installer-package>

1. Open PowerShell as an administrator.

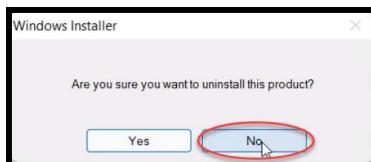


2. `!folder\`Dell-Command-Update_[VERSION] /PASSTHROUGH /X /B"[EXTRACTION PATH]"`

```
PS C:\Temp> .\Dell-Power-Manager-service_KDHHR_WIN64_3.10.0_A00.EXE /passthrough /x /b"C:\temp\dpm"
```

e.g. .\Dell-Power-Manager-Service-KDHHR_WIN64_3.10.0_A00.exe /passthrough /x /b"C:\temp\dpm"

3. Click 'No'



MSI extract of Dell Power Manager is finished.



Dell Power Manager has two parts. The 'Dell Power Manager Service' which incl. the software and drivers and 'Dell Power Manager' which is the User Interface (UI) based on Microsoft standards for a DCH-Compliant Driver Package.



Note: If you uninstall or update the Dell Power Manager by MSI it could be the 'Dell Power Manager' App will still exist in the older version on the device. The following uninstall/install script will clear up the UWP App as well.

Generate an install script **cleanup_intune_old_version_DPM_V1_0.ps1**

```
function Test-RegistryValue {
    param (
        [parameter(Mandatory=$true)]
        [ValidateNotNullOrEmpty()]$Path,
        [parameter(Mandatory=$true)]
        [ValidateNotNullOrEmpty()]$Value
    )
    try {
        Get-ItemProperty -Path $Path | Select-Object -ExpandProperty $Value -ErrorAction Stop | Out-Null
        return $true
    }
    catch {
        return $false
    }
}

$RegKeyexist = Test-Path 'HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}'

if ($RegKeyexist -like "False")
{
    Write-Output "No DPM"
    msieexec.exe /i "DellPowerManager.msi" /qn
}

Else
{
    msieexec.exe /x "{18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}" /qn
    Start-Sleep -Seconds 15
    Get-AppxPackage *DellPower* -AllUsers | Remove-AppxPackage -AllUsers
    Start-Sleep -Seconds 15
    msieexec.exe /i "DellPowerManager.msi" /qn
    Start-Sleep -Seconds 15
}
```

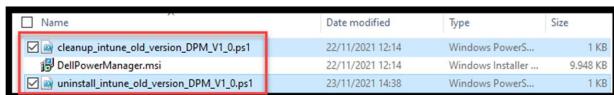
Commented [RS1]: Kann raus da nicht genutzt

Commented [RS2]: msieexec.exe /x "{18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}" /qn
 Start-Sleep -Seconds 15
 Get-AppxPackage *DellPower* -AllUsers | Remove-AppxPackage -AllUsers -ErrorAction SilentlyContinue
 Get-AppxProvisionedPackage *DellPower* | Remove-AppxProvisionedPackage -ErrorAction SilentlyContinue
 Start-Sleep -Seconds 15

Generate a uninstall script **uninstall_intune_old_version_DPM_V1_0.ps1**

```
$OldApp = Get-WmiObject -Class win32_product -Filter "Name like '%Dell Power%'" | select -ExpandProperty  
IdentifyingNumber  
msiexec.exe /x $OldApp /qn  
Start-Sleep -Seconds 20  
Get-AppxPackage *DellPower* -AllUsers | Remove-AppxPackage -AllUsers  
Start-Sleep -Seconds 15
```

Save both scripts in the same folder where the **DellPowerManager.msi** is stored.



Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\PowerManager\3.10.0  
Please specify the setup file: DellPowerManager.msi  
Please specify the output folder: C:\Dell\IntuneWin\Output\PowerManager\3.10.0  
Do you want to specify catalog folder (Y/N)?n
```

MEM is now prepared and ready for installation by MEM.



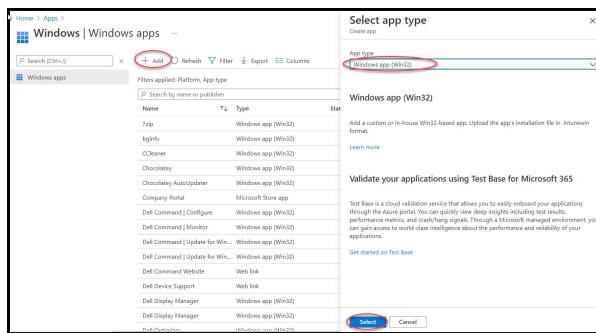
Import and Deployment settings Dell Power Manager for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

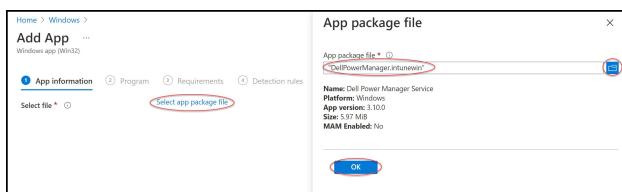


Click 'Select app package file'

Click 'Folder'

Select 'DellPowerManagerINTUNEWIN'

Click 'OK'



Field	Value
Publisher	Dell Inc.
Show this as a featured app in the Company Portal	Yes

Click 'Next'

The screenshot shows the 'Add App' interface for a Windows app (Win32). The 'App information' tab is selected. Key fields filled in include:

- Name: Dell Power Manager Service
- Description: Dell Power Manager Service
- Publisher: Dell Inc. (highlighted with a red circle)
- App Version: 3.10.0
- Category: 0 selected
- Show this as a featured app in the Company Portal: Yes (highlighted with a red circle)

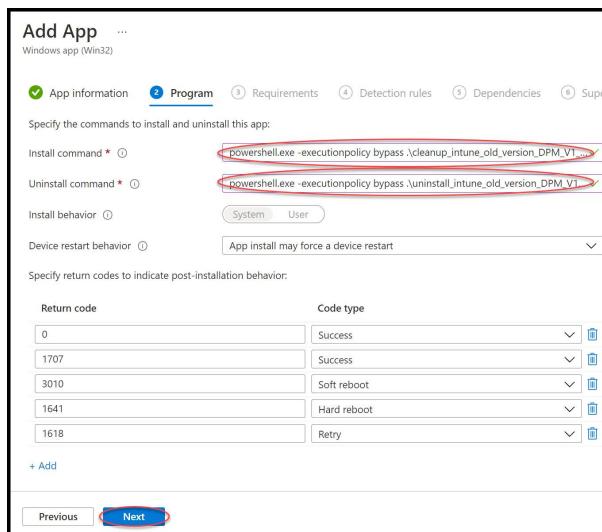
The 'Next' button at the bottom is also highlighted with a red circle.

Section 'Program'



Field	Value
Install command	powershell.exe -executionpolicy bypass .\cleanup_intune_old_version_DPM_V1_0.ps1
Uninstall command	powershell.exe -executionpolicy bypass .\uninstall_intune_old_version_DPM_V1_0.ps1

Click 'Next'



Section 'Requirements'



Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

A screenshot of the 'Add App' interface showing the 'Requirements' section. The 'Operating system architecture' dropdown is set to '64-bit' and has a red oval around it. The 'Minimum operating system' dropdown is set to 'Windows 10 1909' and also has a red oval around it. Below these fields, there are sections for 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. A section for 'Configure additional requirement rules' is present, showing a table with columns 'Type' and 'Path/Script'. The table contains one row with the text 'No requirements are specified.' The 'Next' button at the bottom of the form is highlighted with a red oval.

Section 'Detection rules'

The screenshot shows the 'Add App' interface with the 'Detection rules' tab highlighted. Other tabs like 'App information', 'Program', 'Requirements', 'Dependencies', 'Superseding', 'Assignments', and 'Review + create' are also visible.

Field	Value
Rules format	Manually configure detection rules

Click 'Add'

The screenshot shows the 'Add App' interface with the 'Detection rules' tab selected. A dropdown menu under 'Rules format' is open, showing 'Manually configure detection rules'. The 'Add' button at the bottom left is highlighted with a red circle.

Field	Value
Rule type	MSI
MSI product code	Default
MSI product version check	Yes
Operator	Greater than or equal to
Value	3.10.0 Note: Use version of your Dell Power Manager

Click 'OK'

* Detection rule

Create a rule that indicates the presence of the app.

Rule type * ⓘ MSI

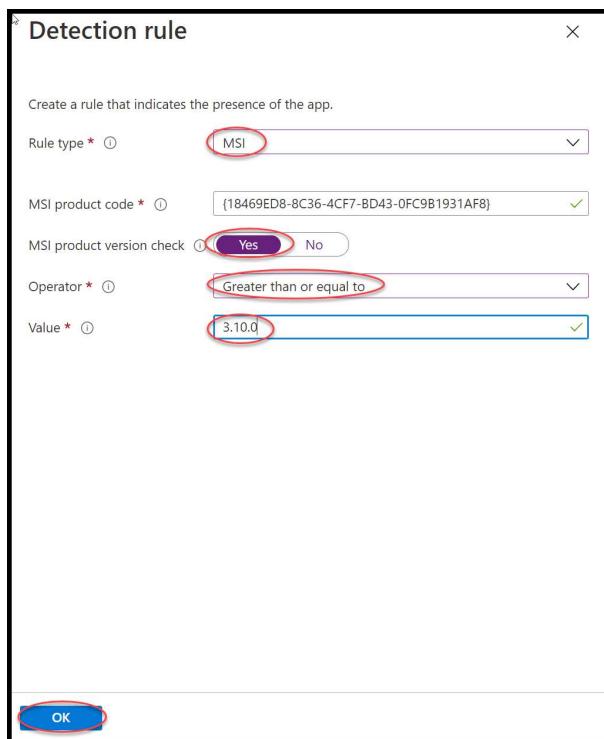
MSI product code * ⓘ {18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}

MSI product version check ⓘ Yes No

Operator * ⓘ Greater than or equal to

Value * ⓘ 3.10.0

OK



Click 'Next'

The screenshot shows a software interface for adding a new application. At the top, it says "Add App" and "Windows app (Win32)". Below that, there are four tabs: "App information" (checked), "Program" (checked), "Requirements" (checked), and "Detection rules" (highlighted with a blue underline). A note below the tabs says "Configure app specific rules used to detect the presence of the app." Under "Rules format", there is a dropdown menu set to "Manually configure detection rules". A table follows, showing one entry: "Type" (MSI) and "Path/Code" ({18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}). There is also a "+ Add" link. At the bottom, there are "Previous" and "Next" buttons, with "Next" being highlighted by a red oval.

Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update, so this point is does not needed.

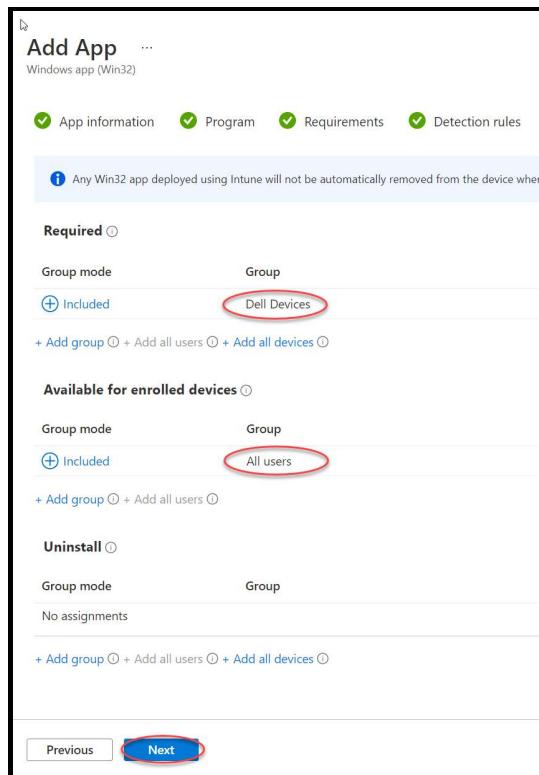
Section 'Assignments'



The Dell Power Manager supports only Dell (Latitude, Optiplex, Precision and mobile XPS) it makes sense to have da dynamic group which only incl. these systems.

Option	Value
Required	Add group 'Dell Devices'
Available for enrolled devices	Add All User
Uninstall	

Click 'Next'



The app is now finished

Click 'Create'

The screenshot shows the 'Add App' wizard with the following details:

App information

- Name: Dell Power Manager Service
- Description: Dell Power Manager Service
- Publisher: Dell Inc.
- App Version: 3.10.0
- Category: --
- Show this as a featured app in the Company Portal: Yes
- Information URL: --
- Privacy URL: --
- Developer: --
- Owner: --
- Notes: --
- Logo: --

Program

- Install command: powershell.exe -executionpolicy bypass &cleanup_intune_old_version_DPM_V1_0.ps1
- Uninstall command: powershell.exe -executionpolicy bypass

At the bottom, there are 'Previous' and 'Create' buttons, with 'Create' being highlighted by a red oval.

Ready to work.

Name	Type	Status	Version	Assigned
Dell Power Manager Service	Windows app (Win32)	Normal	3.10.0	No
Dell Power Manager Service	Windows app (Win32)	Normal	3.10.0	No

Dell Command | Update

Introduction

Dell Command | Update is a stand-alone application, for commercial client computers that provides updates for system software released by Dell. This application simplifies the BIOS, firmware, driver and application update experience for Dell commercial client hardware. This application can also be used to install drivers after the operating system and network drivers are installed, based on the computer identity.

Dell Command | Update Reference Guide

<https://www.dell.com/support/home/en-us/product-support/product/command-update/docs>

Prepare Dell Command | Update for MEM

Download the newest Version of Dell Command Update from our website.

<https://www.dell.com/support/kbdoc/en-us/000177325/dell-command-update>

Please be aware that Dell offers two Versions of installer Dell Command | Update Application for Windows 10 (or Windows Universal Application) and Dell Command | Update. For this guide we are using the Universal Application but if you change the MSI Name in installer script you can use the other version as well.

Dell Command | Update 4.4

Dell Command | Update 4.4 (released October 2021)

There are two **downloads** available for Dell Command | Update:

- [Universal Windows Platform version for Windows 11 and Windows 10 \(32 and 64 bit\)](#)
- [Windows 32 and 64-bit version for Microsoft Windows 8.1 and 10](#)

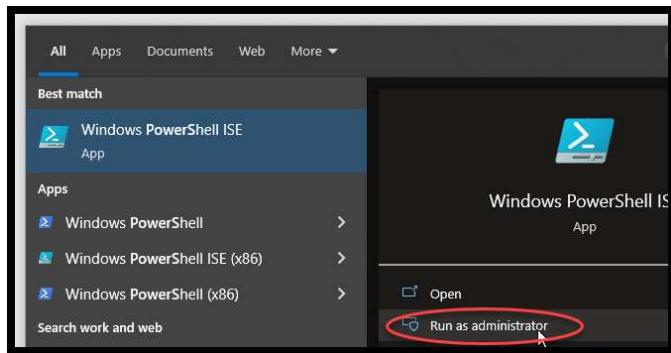
Documentation Links

- [Release Notes and User Guide](#)

If you have downloaded the file from dell.com/support, an additional step is required to find the MSI for the installation.

If you need more details, please take a look on the Support article
<https://www.dell.com/support/kbdoc/en-en/000177292/how-to-create-a-dell-command-update-msi-installer-package>

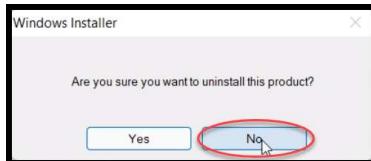
1. Open PowerShell as an administrator.



2. `!folder\!Dell-Command-Update_[VERSION] /PASSTHROUGH /X /B"[EXTRACTION PATH]"`

```
PS C:\Temp> .\!Dell-Command-Update_windows-Universal-Application_PWD00_WIN_4.4.0_A00.EXE /passthrough /x /b"C:\temp\dcu"  
e.g. .\!Dell-Command-Update_windows-Universal-Application_PWD00_WIN_4.4.0_A00.exe /passthrough /x /b"C:\temp\dcu"
```

3. Click 'No'



MSI extract of Dell Command Update is finished.



Note: If you uninstall or update Dell Command Update by MSI it could be the 'Dell Command Update' App will still exist in the older version on the device. The following uninstall/install script will clear up the UWP App as well.

Generate an install script **Cleanup_intune_old_DCU_32_64_V1_0.ps1**

```
$OldApp = Get-WmiObject -Class win32_product -Filter "Name like '%Dell Command | Update%'" | select -  
ExpandProperty IdentifyingNumber  
msiexec.exe /x $OldApp /qn  
Start-Sleep -Seconds 20  
get-AppxPackage *DellCommandUpdate* -AllUsers | Remove-AppxPackage -AllUsers  
Start-Sleep -Seconds 20  
msiexec.exe /i "DellCommandUpdateApp.msi" /qn  
Start-Sleep -Seconds 20  
New-ItemProperty -Path "HKLM:\SOFTWARE\DELL\UpdateService\Clients\CommandUpdate\Preferences\CFG" -  
Value "ShowSetupPopup" -PropertyType Dword -Value 0 -Force
```

Generate a uninstall script **uninstall_intune_old_DCU_UWP_V1_0.ps1**

```
$OldApp = Get-WmiObject -Class win32_product -Filter "Name like '%Dell Command | Update%'" | select -  
ExpandProperty IdentifyingNumber  
msiexec.exe /x $OldApp /qn  
Start-Sleep -Seconds 20  
get-AppxPackage *DellCommandUpdate* -AllUsers | Remove-AppxPackage -AllUsers
```

Save both scripts in the same folder where the **DellCommandUpdateApp.msi** is stored.

Name	Date modified	Type	Size
<input checked="" type="checkbox"/> Cleanup_intune_old_DCU_32_64_V1_0.ps1	24/11/2021 10:51	Windows PowerShell Script	1 KB
<input checked="" type="checkbox"/> DellCommandUpdateApp.msi	22/11/2021 12:13	Windows Installer Package	24,305 KB
<input checked="" type="checkbox"/> uninstall_intune_old_DCU_UWP_V1_0.ps1	22/11/2021 12:13	Windows PowerShell Script	1 KB

Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\Dell Command Update\4.4_UWP  
Please specify the setup file: DellCommandUpdateApp.msi  
Please specify the output folder: C:\Dell\IntuneWin\Output\CommandUpdateUWP\4.4.  
Do you want to specify catalog folder (Y/N)?n
```

MEM is now prepared and ready for installation by MEM.

Name	Date modified	Type	Size
<input type="checkbox"/> DellCommandUpdateApp.intunewin	18/11/2021 13:28	INTUNEWIN File	20,561 KB

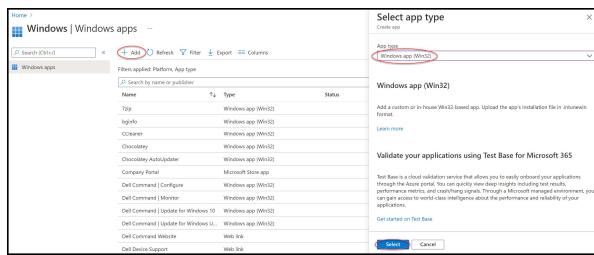
Import and Deployment settings Dell Command | Update for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

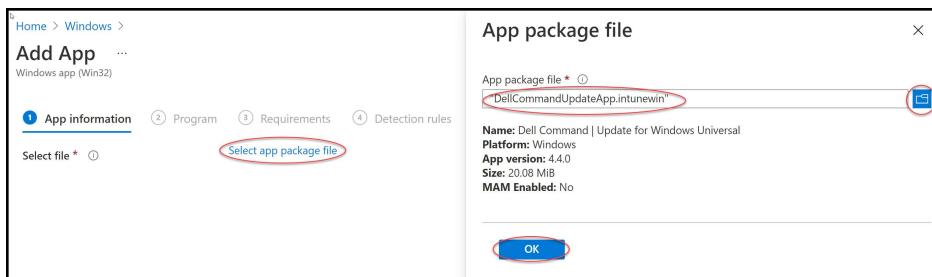


Click 'Select app package file'

Click 'Folder'

Select 'DellCommandUpdateAppINTUNEWIN'

Click 'OK'



Field	Value
Publisher	Dell Inc.
Show this as a featured app in the Company Portal	Yes

Click 'Next'

Add App ...

Windows app (Win32)

App information

Select file * DellCommandUpdateApp.intunewin

Name * Dell Command | Update for Windows Universal

Description * Dell Command | Update for Windows Universal

Edit Description
Publisher * Dell Inc.

App Version 4.4.0

Category 0 selected

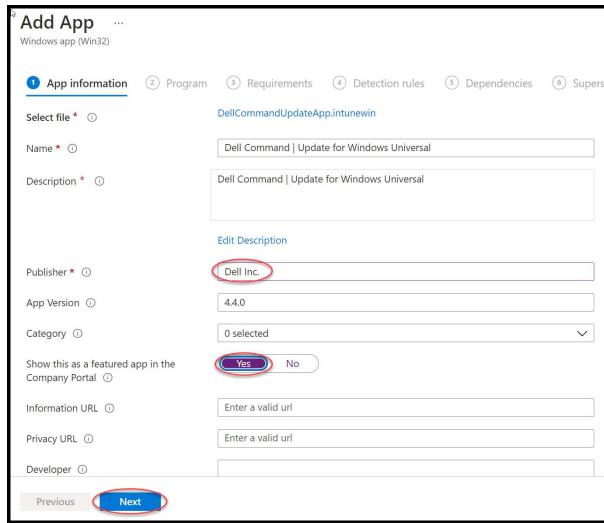
Show this as a featured app in the Company Portal Yes

Information URL Enter a valid url

Privacy URL Enter a valid url

Developer

Previous Next



Section 'Program'



Field	Value
Install command	powershell.exe -executionpolicy bypass .\Cleanup_intune_old_DCU_32_64_V1_0.ps1
Uninstall command	powershell.exe -executionpolicy bypass .\uninstall_intune_old_DCU_UWP_V1_0.ps1

Click 'Next'

The screenshot shows the 'Program' configuration page for adding an app. The 'Install command' field contains the PowerShell command: powershell.exe -executionpolicy bypass .\Cleanup_intune_old_DCU_32_64_V1_0.ps1. The 'Uninstall command' field contains the PowerShell command: powershell.exe -executionpolicy bypass .\uninstall_intune_old_DCU_UWP_V1_0.ps1. Both commands are highlighted with red circles. The 'Next' button at the bottom is also highlighted with a red circle.

Section 'Requirements'

The screenshot shows the 'Add App' interface with the 'Windows app (Win32)' option selected. The 'Requirements' tab is highlighted with a blue border and has a blue number '1' icon next to it. Other tabs include 'App information' (green), 'Program' (green), 'Detection rules' (grey), 'Dependencies' (grey), 'Supersedeance (preview)' (grey), 'Assignments' (grey), and 'Review & create' (grey).

Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

The screenshot shows the 'Add App' Requirements page. The 'Requirements' tab is selected. The 'Operating system architecture' field is set to '64-bit'. The 'Minimum operating system' field is set to 'Windows 10 1909'. Both fields have red circles around them, indicating they are required. Below these fields are several optional requirements: 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. Under 'Configure additional requirement rules', there is a table with one row showing 'Type' and 'Path/Script'. A note says 'No requirements are specified.' and a '+ Add' button is available. At the bottom are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a red circle.

Section 'Detection rules'



Field	Value
Rules format	Manually configure detection rules

Click 'Add'

A screenshot of the 'Add App' interface. The 'Detection rules' tab is selected. A dropdown menu under 'Rules format' is open, showing 'Manually configure detection rules' (highlighted with a red oval). Below the dropdown, there's a section for 'Type' with 'Path/Code' selected. A note says 'No rules are specified.' At the bottom left, there's a red oval around a blue 'Add' button with a plus sign.

Field	Value
Rule type	MSI
MSI product code	Default
MSI product version check	Yes
Operator	Greater than or equal to
Value	4.4.0 Note: Use version of your Dell Command Update

Click 'OK'

Detection rule

Create a rule that indicates the presence of the app.

Rule type * ⓘ **MSI**

MSI product code * ⓘ {4CCACD13-F3AE-454F-B724-33F6D4E52022} ✓

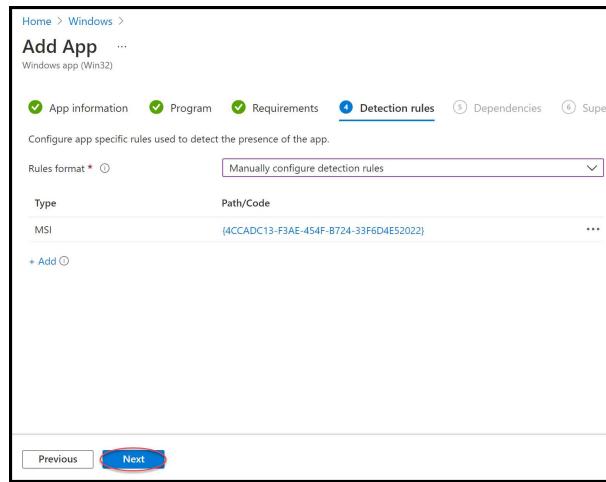
MSI product version check ⓘ **Yes** No

Operator * ⓘ **Greater than or equal to**

Value * ⓘ **4.4.0**

OK

Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update so this point is does not needed.

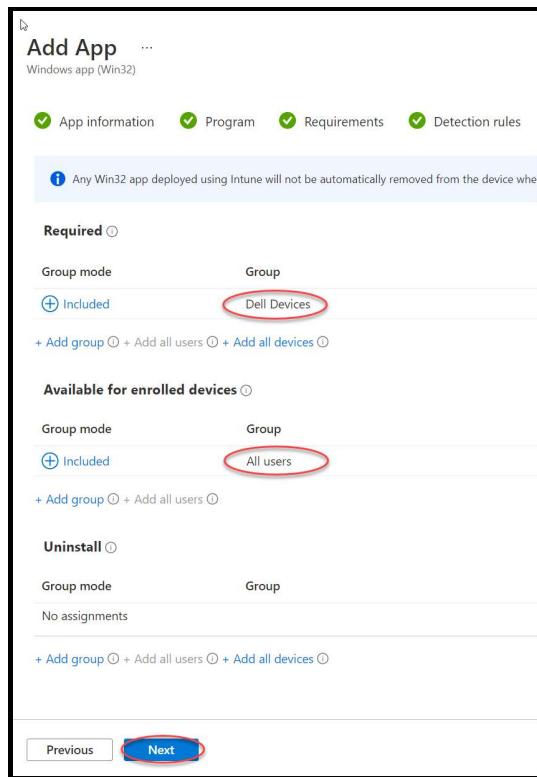
Section 'Assignments'



The Dell Command Update supports only Dell (Latitude, Optiplex, Precision and mobile XPS) it makes sense to have da dynamic group which only incl. these systems.

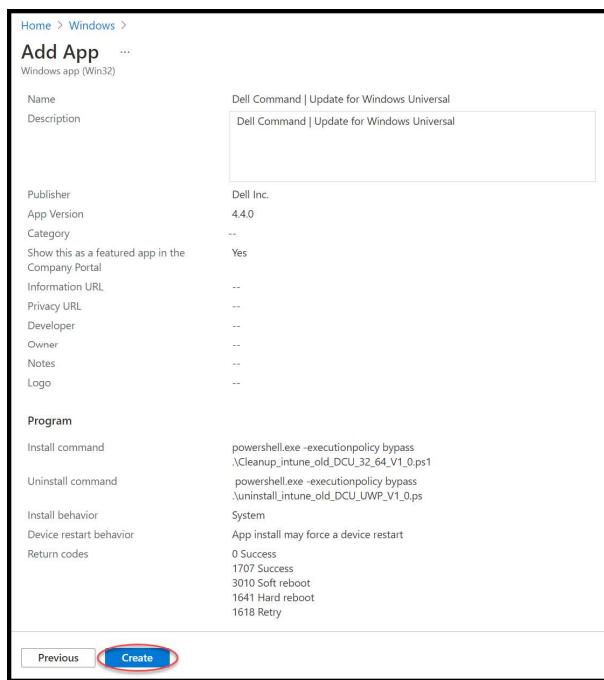
Option	Value
Required	Add group 'Dell Devices'
Available for enrolled devices	Add All User
Uninstall	

Click 'Next'



The app is now finished

Click 'Create'

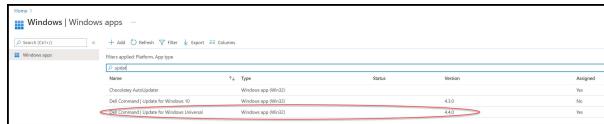


Home > Windows >
Add App ...
Windows app (Win32)

Name	Dell Command Update for Windows Universal
Description	Dell Command Update for Windows Universal
Publisher	Dell Inc.
App Version	4.4.0
Category	--
Show this as a featured app in the Company Portal	Yes
Information URL	--
Privacy URL	--
Developer	--
Owner	--
Notes	--
Logo	--
Program	
Install command	powershell.exe -executionpolicy bypass \\Cleanup_intune_old_DCU_32_64_V1_0.ps1
Uninstall command	powershell.exe -executionpolicy bypass \\uninstall_intune_old_DCU_UWP_V1_0.ps
Install behavior	System
Device restart behavior	App install may force a device restart
Return codes	0 Success 1707 Success 3010 Soft reboot 1641 Hard reboot 1618 Retry

Previous **Create**

Ready to work.



Windows | Windows apps

Name	Type	Status	Version	Assigned
Chocolatey Antivirus	Windows app (Win32)	Success	4.1.0	No
Dell Command Update for Windows 10	Windows app (Win32)	Success	4.4.0	No
Dell Command Update for Windows Universal	Windows app (Win32)	Success	4.4.0	No

Dell Command | Monitor

Introduction

The Dell Command | Monitor software application enables IT administrators to easily manage fleet inventory, monitor system health, modify BIOS settings, and remotely collect information for deployed Dell client systems.

Active system health state monitoring can help reduce the total cost of system ownership and is part of a holistic approach to managing all networked devices.

Dell Command | Monitor is designed for Dell Enterprise client systems, Dell IoT Gateway systems, and for Dell Embedded PCs.

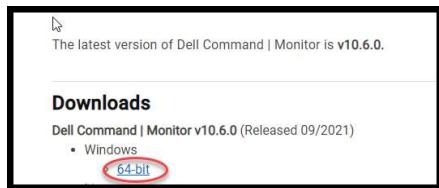
Dell Command | Monitor Reference Guide

<https://www.dell.com/support/home/en-us/product-support/product/command-monitor/docs>

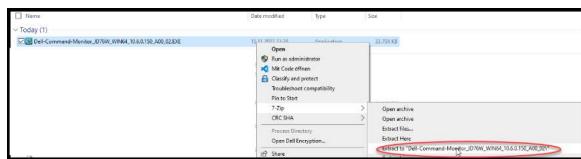
Prepare Dell Command | Monitor for MEM

Download the newest Version of Dell Command | Monitor from our website.

<https://www.dell.com/support/kbdoc/en-us/000177080/dell-command-monitor>



The file must be unzipped.



The folder includes a file named **Command_Monitor_x64.msi**. This file is needed to deploy MEM.



Generate an install script **cleanup_intune_old_version_DCM_V1_0.ps1**

```
$OldApp = Get-WmiObject -Class win32_product -Filter "Name = 'Dell Command | Monitor'" | select -ExpandProperty IdentifyingNumber  
msiexec.exe /x $OldApp /qn  
Start-Sleep -Seconds 30  
msiexec.exe /i "Command_Monitor_x64.msi" /qn  
Start-Sleep -Seconds 30
```

Save script in the same folder where the **Command_Monitor_x64.msi** is stored.

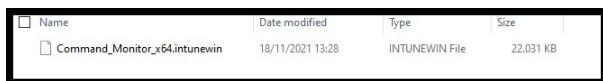


Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\Commands Monitor\10.6.0.150  
Please specify the setup file: Command_Monitor_x64.msi  
Please specify the output folder: C:\Dell\IntuneWin\Output\CommandsMonitor\10.6.0.150  
Do you want to specify catalog folder (Y/N)?n
```

MEM is now prepared and ready for installation by MEM.



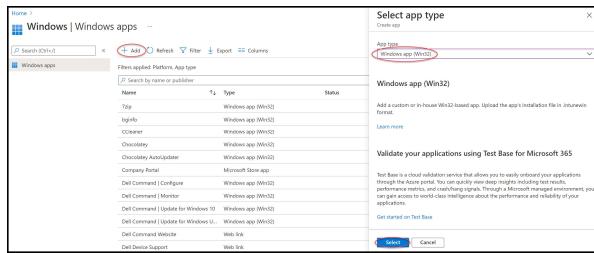
Import and Deployment settings Dell Command | Monitor for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

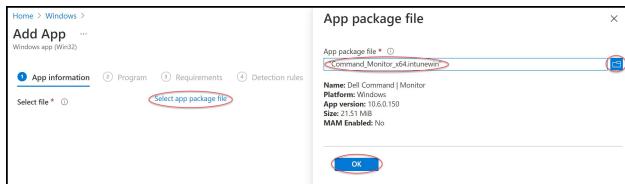


Click 'Select app package file'

Click 'Folder'

Select 'Command_Monitor_x64.intunewin'

Click 'OK'



Field	Value
Publisher	Dell Inc.
Show this as a featured app in the Company Portal	No

Click 'Next'

The screenshot shows the 'Add App' wizard in progress, specifically the 'App information' step. The 'Publisher' field is populated with 'Dell Inc.'. The 'Show this as a featured app in the Company Portal' checkbox is checked, but it is circled in red. At the bottom right of the form, the 'Next' button is highlighted with a red oval.

Section 'Program'



Field	Value
Install command	powershell.exe -executionpolicy bypass .\cleanup_intune_old_version_DCM_V1_0.ps1

Click 'Next'

A screenshot of the 'Add App' configuration screen. The 'Program' tab is selected. The 'Install command' field contains the value 'powershell.exe -executionpolicy bypass .\cleanup_intune_old_version_DCM_V1_0.ps1', which is highlighted with a red oval. The 'Uninstall command' field contains 'msiexec /x {91E79414-DB41-4030-9A13-E133EE30F1D5} /q' with a green checkmark. The 'Install behavior' section shows 'System' selected. The 'Device restart behavior' dropdown shows 'App install may force a device restart'. The 'Return code' section lists several entries with their corresponding 'Code type': 0 (Success), 1707 (Success), 3010 (Soft reboot), 1641 (Hard reboot), and 1618 (Retry). At the bottom, there are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a blue oval.

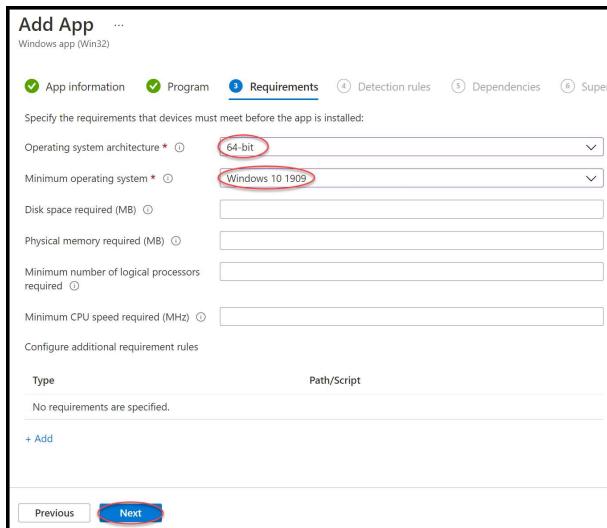
Section 'Requirements'



The screenshot shows the 'Add App' interface with the 'Windows app (Win32)' selected. The 'Requirements' tab is highlighted with a blue border and has a blue number '1' icon next to it. Other tabs include 'App information' (green), 'Program' (green), 'Detection rules' (grey), 'Dependencies' (grey), 'Supersedeance (preview)' (grey), 'Assignments' (grey), and 'Review & create' (grey).

Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'



The screenshot shows the 'Add App' Requirements page. The 'Requirements' tab is selected. The form includes fields for 'Operating system architecture' (set to '64-bit') and 'Minimum operating system' (set to 'Windows 10 1909'). Below these are fields for 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. A section for 'Configure additional requirement rules' is present, showing a table with one row: 'Type' (empty) and 'Path/Script' (empty). A '+ Add' button is available. At the bottom are 'Previous' and 'Next' buttons, with 'Next' highlighted with a red oval.

Section 'Detection rules'



Field	Value
Rules format	Manually configure detection rules

Click 'Add'

A screenshot of the 'Add App' interface. The 'Detection rules' tab is active. A dropdown menu under 'Rules format' is open, showing 'Manually configure detection rules' (highlighted with a red oval). Below the dropdown, there's a section for 'Type' with 'Path/Code' selected. A note says 'No rules are specified.' At the bottom left, a red oval highlights the 'Add' button next to a plus sign.

Field	Value
Rule type	MSI
MSI product code	Default
MSI product version check	Yes
Operator	Greater than or equal to
Value	10.6.0.150 Note: Use version of your Dell Command Monitor

Click 'OK'

Detection rule

Create a rule that indicates the presence of the app.

Rule type * MSI

MSI product code * {91E79414-DB41-4030-9A13-E133EE30F1D5}

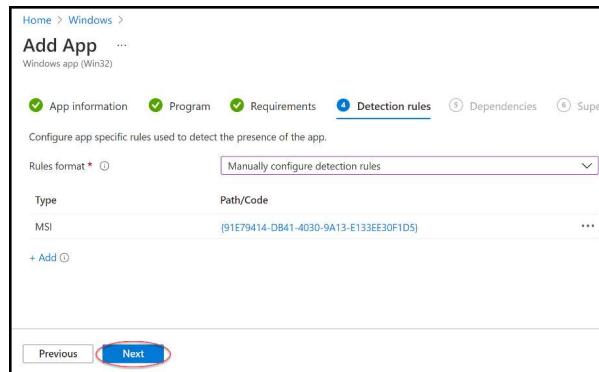
MSI product version check Yes No

Operator * Greater than or equal to

Value * 10.6.0.150

OK

Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update, so this point is does not needed.

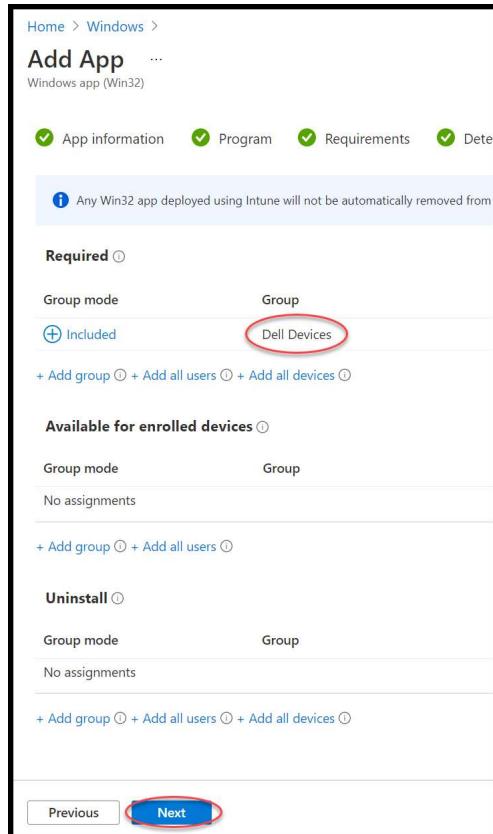
Section 'Assignments'



The Dell Command Monitor supports only Dell (Latitude, Optiplex, Precision and mobile XPS) it makes sense to have da dynamic group which only incl. these systems.

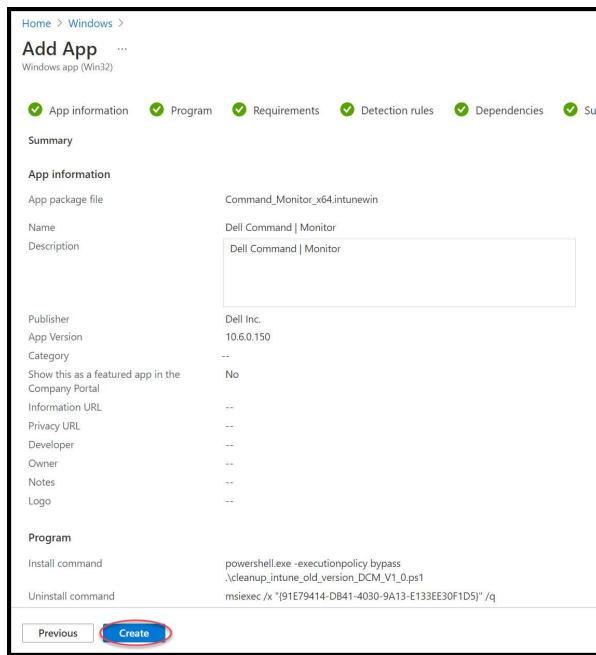
Option	Value
Required	Add group 'Dell Devices'
Available for enrolled devices	
Uninstall	

Click 'Next'



The app is now finished

Click 'Create'



Ready to work.



Dell Command | Configure

Introduction

Dell Command | Configure is a packaged software application that provides configuration capability to business client platforms.

This product consists of a Command Line Interface (CLI) and Graphical User Interface (GUI) to configure various BIOS features. Dell Command | Configure supports following Windows and Linux operating systems: Windows 10, Windows Pre-installation Environment (Windows PE), Red Hat Enterprise Linux 7, Red Hat Enterprise Linux 8, Ubuntu Desktop 16.04, Ubuntu Desktop 18.04, Ubuntu Server 18.04 and Ubuntu Desktop 20.04.

Note: Dell Command | Configure is only used by administrators and is usually not installed on all devices. We have only included them in this guide for the sake of completeness.

Dell Command | Configure Command Line Interface Reference Guide

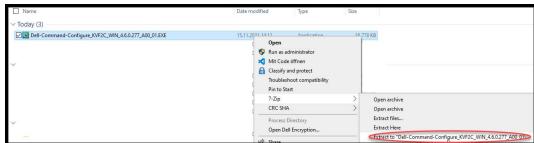
<https://www.dell.com/support/home/en-us/product-support/product/command-configure/docs>

Prepare Dell Command | Configure for MEM

Download the newest Version of Dell Command | Configure from our website.

<https://www.dell.com/support/kbdoc/en-us/000178000/dell-command-configure>

The file must be unzipped.



The folder includes a file named **Command_Configure.msi**. This file is needed to deploy MEM.



If you have an existing installation or you are not aware if an installation is on the client, it makes sense to clear up older installations first. The following script will clear up older installations of Dell Command | Configure and starting the reinstall of the newer Version. The script '**'cleanup_intune_old_version_DCC_V1_0.ps1'**' will be saved in the same folder as the Command_Configure.msi.

```
$OldApp = Get-WmiObject -Class win32_product -Filter "Name = 'Dell Command | Configure'" | select -ExpandProperty IdentifyingNumber  
msiexec.exe /x $OldApp /qn  
Start-Sleep -Seconds 10  
msiexec.exe /i "Command_Configure.msi" /qn  
Start-Sleep -Seconds 15
```

Save script in the same folder where the **Command_Configure.msi** is stored.

Name	Date modified	Type	Size
<input checked="" type="checkbox"/> cleanup_intune_old_version_DCC_V1_0.ps1	23/11/2021 16:49	Windows PowerShell Script	1 KB
<input type="checkbox"/> Command_Configure.msi	22/11/2021 12:13	Windows Installer File	37.682 KB

Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\Dell Command Configure\4.6.0.277  
Please specify the setup file: Command_Configure.msi  
Please specify the output folder: C:\Dell\IntuneWin\Output\CommandConfigure\4.6.0.277  
Do you want to specify catalog folder (Y/N)?
```

MEM is now prepared and ready for installation by MEM.

Name	Date modified	Type	Size
Command_Configure.intunewin	18/11/2021 13:28	INTUNEWIN File	29.922 KB

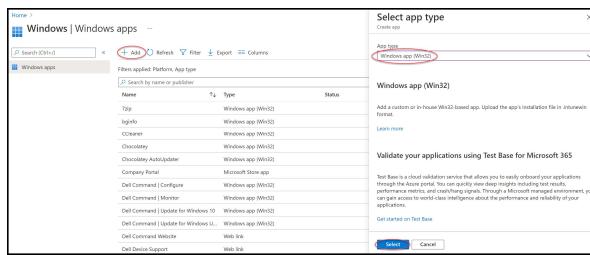
Import and Deployment settings Dell Command | Configure for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

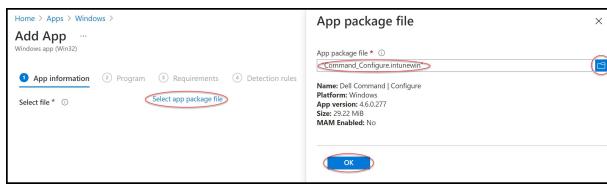


Click 'Select app package file'

Click 'Folder'

Select 'Command_ConfigureINTUNEWIN'

Click 'OK'



Field	Value
Publisher	Dell Inc.
Show this as a featured app in the Company Portal	Yes

Click 'Next'

Add App ...

Windows app (Win32)

App information Program Requirements Detection rules Dependencies Supers

Select file * Command_Configure.intunewin

Name * Dell Command | Configure

Description * Dell Command | Configure

Edit Description

Publisher * Dell Inc. (circled)

App Version 4.6.0.277

Category 0 selected

Show this as a featured app in the Company Portal: Yes (circled) No

Information URL Enter a valid url

Privacy URL Enter a valid url

Developer

Previous Next (circled)

Section 'Program'



Field	Value
Install command	powershell.exe -executionpolicy bypass .cleanup_intune_old_version_DCC_V1_0.ps1

Click 'Next'

A screenshot of the 'Add App' configuration screen. The 'Program' tab is selected. Under the 'Install command' section, the value 'powershell.exe -executionpolicy bypass \cleanup_intune_old_version_DCC_V1_0.ps1' is entered. This value is highlighted with a red oval. Below it, the 'Uninstall command' field contains 'msiexec /x "{DF3680A9-B4C6-48D1-ACEF-0FF004446314}" /q'. The 'Install behavior' section shows 'System' selected. The 'Device restart behavior' dropdown is set to 'App install may force a device restart'. In the 'Return code' section, four entries are listed: (0, Success), (1707, Success), (3010, Soft reboot), and (1641, Hard reboot). At the bottom, there are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a red oval.

Section 'Requirements'



Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

A screenshot of the 'Add App' interface. The 'Requirements' tab is selected. The form includes fields for 'Operating system architecture' (set to '64-bit') and 'Minimum operating system' (set to 'Windows 10 1909'). Below these, there are fields for 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. A section for 'Configure additional requirement rules' is present, showing a table with one row: 'Type' (empty) and 'Path/Script' (empty). A '+ Add' button is available. At the bottom, there are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a red oval.

Section 'Detection rules'



Field	Value
Rules format	Manually configure detection rules

Click 'Add'

A screenshot of the 'Add App' interface. The 'Detection rules' tab is selected. A dropdown menu under 'Rules format' is open, showing 'Manually configure detection rules' (highlighted with a red oval). Below the dropdown, there's a section for 'Type' with 'Path/Code' selected. A note says 'No rules are specified.' At the bottom left, there's a red oval around the 'Add' button.

Field	Value
Rule type	MSI
MSI product code	Default
MSI product version check	Yes
Operator	Greater than or equal to
Value	4.6.0.277 Note: Use version of your Dell Command Configure

Click 'OK'

Detection rule

Create a rule that indicates the presence of the app.

Rule type * ⓘ ✓

MSI product code * ⓘ ✓

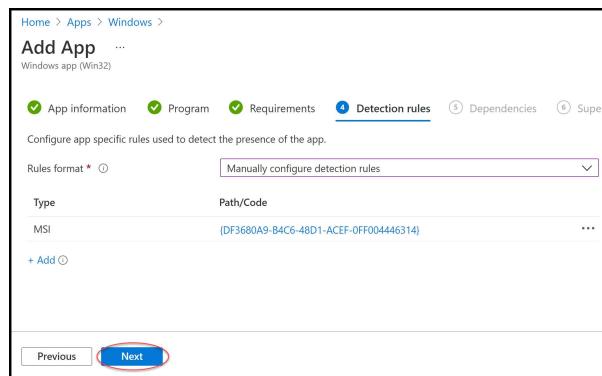
MSI product version check ⓘ Yes No

Operator * ⓘ ✓

Value * ⓘ ✓

OK

Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update, so this point is does not needed.

Section 'Assignments'



The Dell Command Configure supports only Dell (Latitude, Optiplex, Precision and mobile XPS). This software does not need to install on all devices. It makes sense to have a dynamic group for device administrators.

Option	Value
Required	
Available for enrolled devices	Add group 'Device Administrators'
Uninstall	

Click 'Next'

The screenshot shows the 'Add App' configuration screen. The 'Available for enrolled devices' section is expanded, showing a list of groups: 'Included' (with 'Device Administrators' selected) and '+ Add group'. The 'Next' button at the bottom is highlighted with a red circle.

The app is now finished

Click 'Create'

The screenshot shows the 'Add App' wizard with the 'Program' step selected. The 'Create' button at the bottom is highlighted with a red oval.

App information

App package file	Command_Configure.intunewin
Name	Dell Command Configure
Description	Dell Command Configure
Publisher	Dell Inc.
App Version	4.6.0.277
Category	--
Show this as a featured app in the Company Portal	Yes
Information URL	--
Privacy URL	--
Developer	--
Owner	--
Notes	--
Logo	--

Program

Install command	powershell.exe -executionpolicy bypass \\cleanup_intune_old_version_DCM_V1.0.ps1
Uninstall command	msiexec /x "{DF3680A9-B4C6-48D1-ACEF-0FF004446314}" /q

Buttons: Previous, Create (highlighted with a red oval), Next

Ready to work.

The screenshot shows the 'Windows | Windows apps' list with the newly created app 'Dell Command | Configure' highlighted by a red oval.

Name	Type	Status	Version	Assigned
Dell Command Configure	Windows app (Win32)	Normal	4.6.0.277	No

Dell Display Manager

Introduction

Dell Display Manager enhances everyday productivity through comprehensive management tools giving you optimal front of screen experience, efficient display management and easy, effortless multitasking.

With an improved Dell Display Manager, the ease of access and usability is further enhanced for the user. IT Managers will now be able to manage and control monitors remotely, improving overall productivity.

Knowledge Base Article: What is Dell Display Manager?

<https://www.dell.com/support/kbdoc/de-de/000060112/what-is-dell-display-manager?lang=en>

Prepare Dell Display Manager for MEM

Download the newest Version of Dell Display Manager from our website.

<https://www.delldisplaymanager.com/>



The folder includes a file named **ddmsetup.exe**. This file is needed to build the deployment package.



Generate a PowerShell Script for install and uninstall

Install script save as DDM_Install_V1_0.ps1

```
$StopDDMProcess = @()
$FolderExist = ""

Stop-Process -Name ddm -Force -ErrorVariable StopDDMProcess

If ($StopDDMProcess)
{
    Get-Item -Path 'C:\Program Files (x86)\Dell\Display Manager\unins000.exe' -ErrorVariable FolderExist

    If ($FolderExist)
    {
        <# This loop is for Display Manager does not exist on this machine#>
        Start-Process -FilePath ".\ddmsetup.exe" -ArgumentList '/verysilent /noupdate'
        Start-Sleep -Seconds 20
        Stop-Process -Name ddm
    }
    Else
    {
        <# This loop is for Display Manager exist on this machine and DDM is not running#>
        $myApp = Get-ChildItem -Path
HKLM:\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall | Get-ItemProperty | Where-Object
{$_.DisplayName -match "Dell Display Manager"} | Select-Object -ExpandProperty QuietUninstallString
        Start-Process cmd.exe -ArgumentList '/c',$myapp -wait -PassThru
        Start-Sleep -Seconds 20
        Start-Process -FilePath ".\ddmsetup.exe" -ArgumentList '/verysilent /noupdate'
        Start-Sleep -Seconds 20
        Stop-Process -Name ddm
    }
}
else
{
    <# This loop is for Display Manager exist on this machine and DDM is running#>
    $myApp = Get-ChildItem -Path HKLM:\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall |
Get-ItemProperty | Where-Object {$_.DisplayName -match "Dell Display Manager"} | Select-Object -ExpandProperty
QuietUninstallString
    Start-Process cmd.exe -ArgumentList '/c',$myapp -wait -PassThru
    Start-Sleep -Seconds 20
    Start-Process -FilePath ".\ddmsetup.exe" -ArgumentList '/verysilent /noupdate'
    Start-Sleep -Seconds 20
    Stop-Process -Name ddm
}
```

Uninstall script save as DDM_Uninstall_V1_0.ps1

```
$IDProcess = Get-Process | Where-Object {$_.ProcessName -like 'ddm'} | select -ExpandProperty ID
Stop-Process -Id $IDProcess -Force
$myApp = Get-ChildItem -Path HKLM:\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall |
Get-ItemProperty | Where-Object {$_.DisplayName -match "Dell Display Manager"} | Select-Object -ExpandProperty
QuietUninstallString
Start-Process cmd.exe -ArgumentList '/c',$myapp
Start-Sleep -Seconds 10
```

Save both scripts in the same folder where the **ddmsetup.exe** is stored.

Name	Date modified	Type	Size
<input checked="" type="checkbox"/> DDM_Install_V1_0.ps1	15/11/2021 15:02	Windows PowerS...	2 KB
<input checked="" type="checkbox"/> DDM_uninstall_V1_0.ps1	19/11/2021 00:53	Windows PowerS...	1 KB
<input type="checkbox"/> ddmsetup.exe	15/11/2021 14:55	Application	1.232 KB

Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
please specify the source folder: C:\Dell\IntuneWin\Input\Dell Display Manager
please specify the setup file: ddmsetup.exe
please specify the output folder: C:\Dell\IntuneWin\Output\DisplayManager\1.54.0.2068
Do you want to specify catalog folder (Y/N)?n
```

MEM is now prepared and ready for installation by MEM.

Name	Date modified	Type	Size
ddmsetup.intunewin	18/11/2021 13:28	INTUNEWIN File	1,207 KB

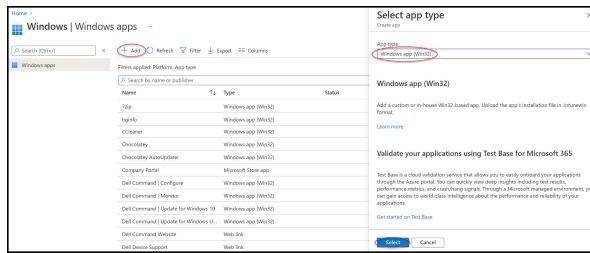
Import and Deployment settings Dell Display Manager for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

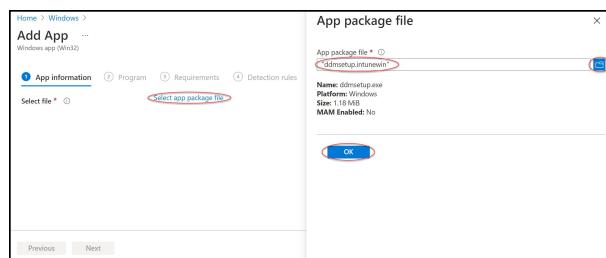


Click 'Select app package file'

Click 'Folder'

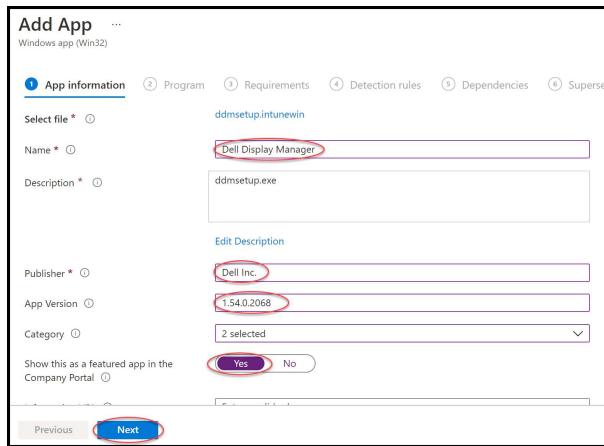
Select 'ddmsetupINTUNEWIN'

Click 'OK'



Field	Value
Name	Dell Display Manager
Publisher	Dell Inc.
App Version	1.54.0.2068 Note: Use version of the Dell Display Manager
Show this as a featured app in the Company Portal	Yes

Click 'Next'



The screenshot shows the 'Add App' wizard in progress, specifically the 'App information' step. The form fields are as follows:

- Select file ***: ddmsetup.intunewin
- Name ***: Dell Display Manager
- Description ***: ddmsetup.exe
- Publisher ***: Dell Inc.
- App Version**: 1.54.0.2068
- Category**: 2 selected
- Show this as a featured app in the Company Portal**: Yes (radio button selected)

At the bottom, there are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a red circle.

Section 'Program'



Field	Value
Install command	powershell.exe -executionpolicy bypass .\\DDM\\Install_V1_0.ps1
Uninstall command	powershell.exe -executionpolicy bypass .\\DDM\\Uninstall_V1_0.ps1

Click 'Next'

Add App ...

Windows app (Win32)

Specify the commands to install and uninstall this app:

Install command * ○ powershell.exe -executionpolicy bypass .\\DDM\\Install_V1_0.ps1 ✓

Uninstall command * ○ powershell.exe -executionpolicy bypass .\\DDM\\Uninstall_V1_0.ps1 ✓

Install behavior ○ System User

Device restart behavior ○ App install may force a device restart

Specify return codes to indicate post-installation behavior:

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

Previous Next

Section 'Requirements'

The screenshot shows the 'Add App' interface with the 'Windows app (Win32)' selected. The 'Requirements' tab is highlighted with a blue circle. Other tabs include 'App information', 'Program', 'Detection rules', 'Dependencies', 'Supersedeance (preview)', 'Assignments', and 'Review & create'.

Field	Value
Operating system architecture	64-bit and 32-bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

The screenshot shows the 'Add App' interface with the 'Windows app (Win32)' selected. The 'Requirements' tab is highlighted with a blue circle. The form includes fields for 'Operating system architecture' (set to '64-bit') and 'Minimum operating system' (set to 'Windows 10 1909'). Below these, there are sections for 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. A section for 'Configure additional requirement rules' is present, showing a table with one row and a '+ Add' button. At the bottom, there are 'Previous' and 'Next' buttons, with 'Next' highlighted with a red circle.

Section 'Detection rules'



Field	Value
Rules format	Manually configure detection rules

Click 'Add'

A screenshot of the 'Add App' interface under the 'Detection rules' tab. The top navigation bar and menu bar are identical to the previous screenshot. The main content area has a heading 'Configure app specific rules used to detect the presence of the app.' Below this, there is a dropdown menu labeled 'Rules format *' with the option 'Manually configure detection rules' selected. A red oval highlights this dropdown. Below the dropdown, there is a table with two columns: 'Type' and 'Path/Code'. The 'Type' column contains the value 'Path/Code'. The 'Path/Code' column contains a text input field with the placeholder 'No rules are specified.' At the bottom left of the form, there is a red oval around a blue 'Add' button with a plus sign.

Field	Value
Rule type	Registry
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{AC50C05D-9D57-40F5-B2EF-AC402F14312B}_is1
Value name	DisplayVersion
Detection method	Version comparison
Operator	Greater than or equal to
Value	1.54.2068 Note: Use version of your Dell Display Manager
Associated with a 32-bit app on 64-bit clients	Yes

Click 'OK'

Detection rule

Create a rule that indicates the presence of the app.

Rule type * ① Registry

Key path * ① HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{AC50C05D-9D57-40F5-B2EF-AC402F14312B}_is1

Value name ① DisplayVersion

Detection method * ① Version comparison

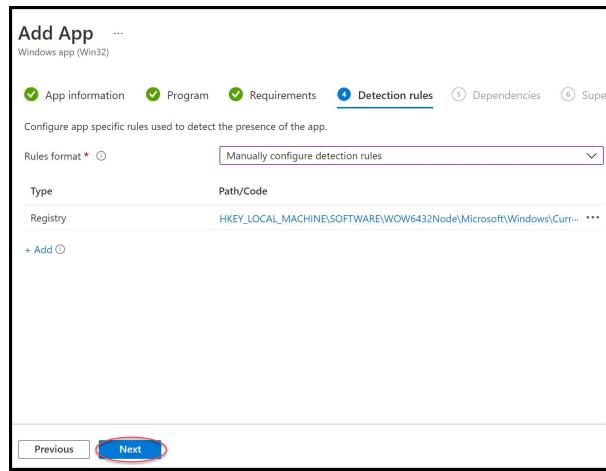
Operator * ① Greater than or equal to

Value * ① 1.54.2068

Associated with a 32-bit app on 64-bit clients ① Yes

OK

Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update so this point is does not needed.

Section 'Assignments'



The Dell Display Manager is working with Dell Displays only, it makes sense to have a dynamic group which only incl. these systems.

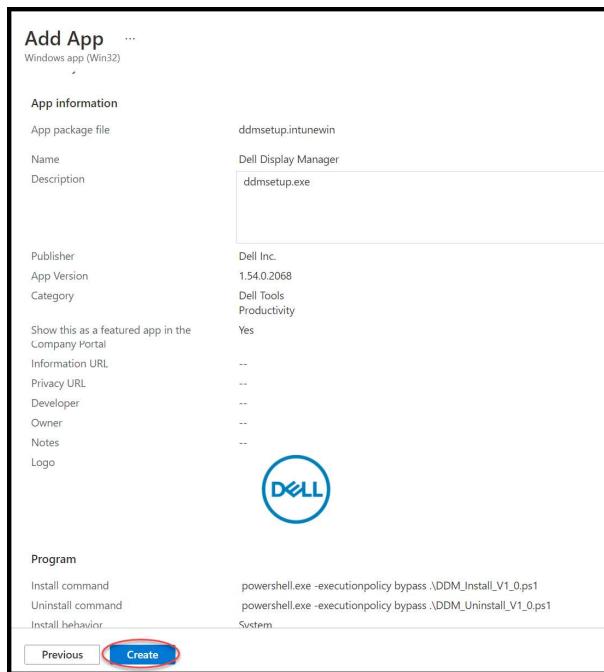
Option	Value
Required	
Available for enrolled devices	Add group 'Dell Devices' and 'All users'
Uninstall	

Click 'Next'

A screenshot of the 'Add App' configuration screen. The 'Available for enrolled devices' section shows two groups: 'All users' and 'Dell Devices', both circled in red. At the bottom right, the 'Next' button is also circled in red.

The app is now finished

Click 'Create'



The screenshot shows the 'Add App' wizard with the following details:

App information	
App package file	ddmsetup.intunewin
Name	Dell Display Manager
Description	ddmsetup.exe
Publisher	Dell Inc.
App Version	1.54.0.2068
Category	Dell Tools Productivity
Show this as a featured app in the Company Portal	Yes
Information URL	--
Privacy URL	--
Developer	--
Owner	--
Notes	--
Logo	
Program	
Install command	powershell.exe -executionpolicy bypass.\DDM_Install_V1_0.ps1
Uninstall command	powershell.exe -executionpolicy bypass.\DDM_Uninstall_V1_0.ps1
Install behavior	System

At the bottom, there are 'Previous' and 'Create' buttons, with 'Create' being highlighted by a red circle.

Ready to work.



The screenshot shows a list of Windows apps with the following data:

Name	Type	Status	Mobile	Assigned
Dell Display Manager	Windows app (Win32)	1.54.0.2068	No	No
Dell Display Manager	Windows app (Win32)	1.54.0.2098	No	No
Dell Display Manager	Windows app (Win32)	1.54.0.2098	No	No

Dell SupportAssist for Business PCs

Introduction

SupportAssist is a proactive and predictive technology that provides automated technical support for your Dell PCs. It enables IT administrators to manage their PC fleet from TechDirect anytime, anywhere.

When deployed, SupportAssist monitors each PC and proactively detects both hardware and software issues. Depending on your service plan, when an issue is detected, SupportAssist automatically opens a support case with technical support and sends you an email notification.

SupportAssist collects and sends the required information securely to Dell technical support. The collected information enables Dell to provide you with an enhanced, efficient, and accelerated support experience.

SupportAssist enables you to optimize your PC by removing unwanted files, optimizing network settings, tuning-up system performance, and removing viruses and malware. It also identifies driver updates available for your PC.

SupportAssist also collects telemetry, application experience, health, and security data proactively from your PCs and provides various performance insights about your PCs, based on your service plan.

After you have deployed SupportAssist on your PCs, you can manage the PC fleet using the Connect and manage service in TechDirect.

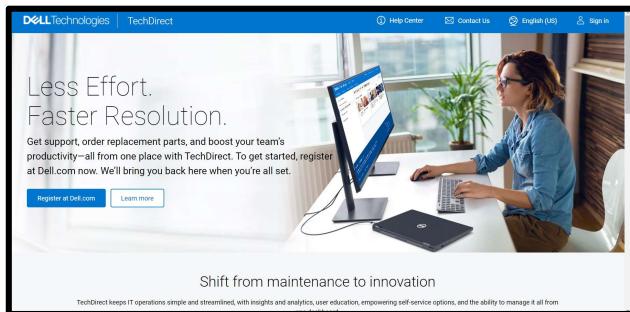
SupportAssist for Business PCs with Windows OS Administrator Guide

<https://www.dell.com/support/home/en-us/product-support/product/supportassist-business-pcs/docs>

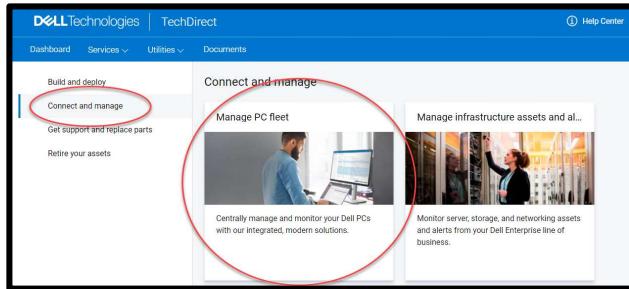
Prepare Dell SupportAssist for Business PCs for MEM

Download the newest Version of Dell SupportAssist for Business PCs from our website.

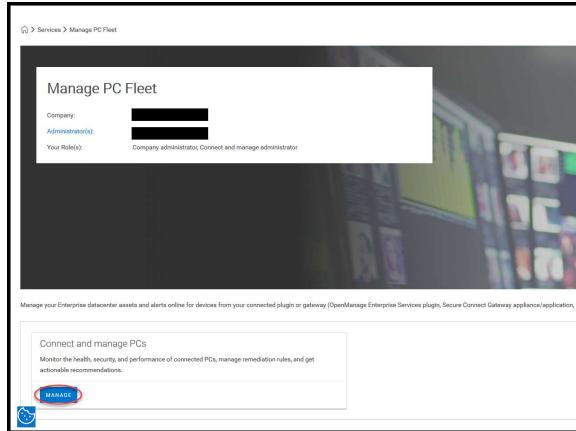
This requires a Dell TechDirect Account <https://techdirect.dell.com/>



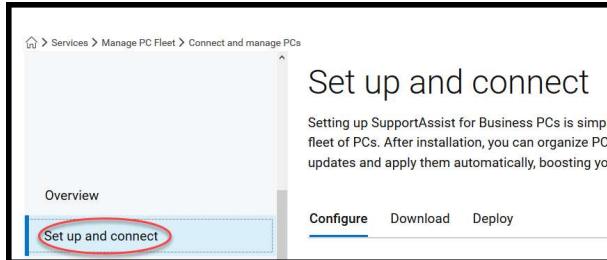
After Login move to Connect and Manage section and open Manage PC fleet.



Click 'Manage'

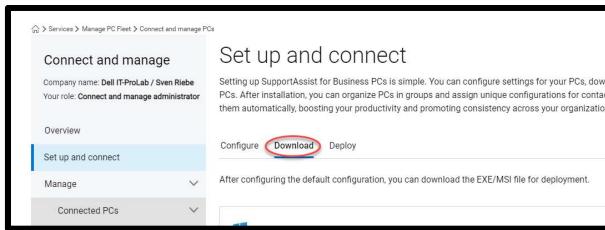


Click on Set up and connect



Configure Dell SupportAssist for Business first - please refer to the support documentation.
<https://www.dell.com/support/home/product-support/product/supportassist-business-pcs/docs>

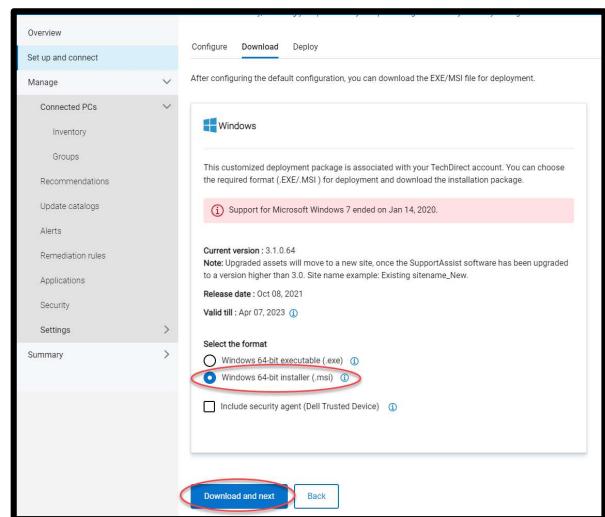
After you have fulfilled the configure section, you can download the software.



Download the Windows 64-bit Installer (.msi) now.

Choose Windows 64-bit installer (.msi)

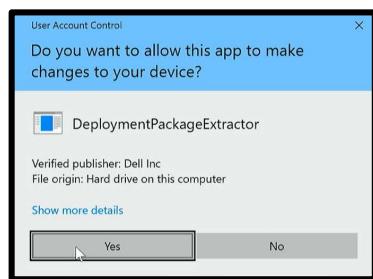
Click 'Download and next'



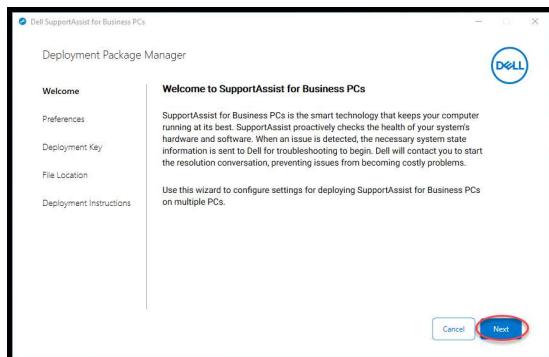
Go to your download folder and check for this file: SupportAssistExtractorx64.exe



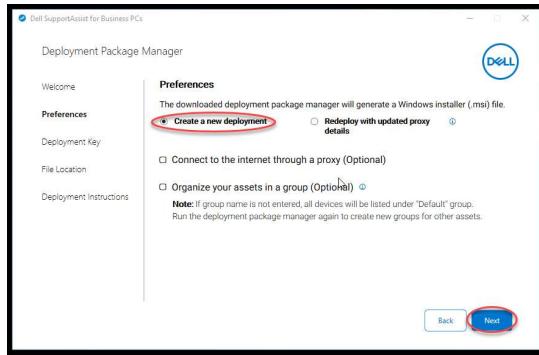
Start this file with administrator rights



Prepare the MSI and MST for the deployment.
Click 'Next'

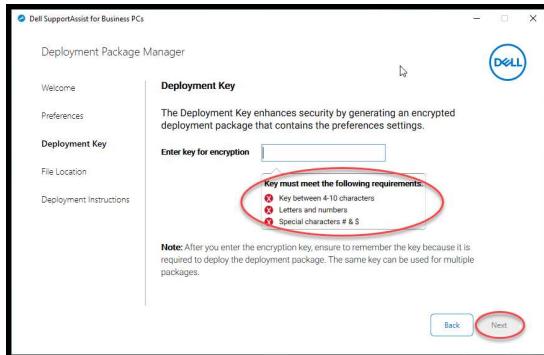


Select 'Create a new deployment'
Click 'Next'

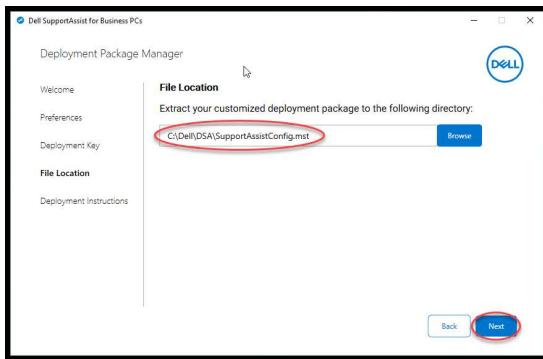


Note: For the deployment you need to setup a password (4-10 characters using numbers, letters, and special characters).

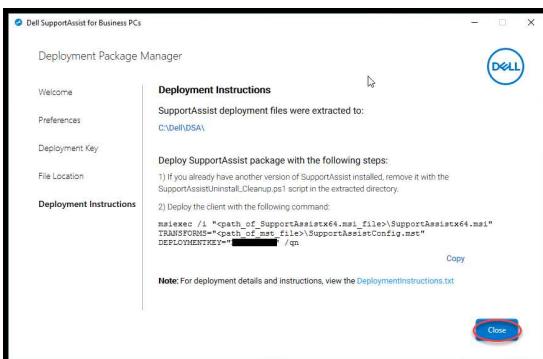
Click 'Next'



Choose the path where the installer should be saved, e.g., C:\Dell\DSA
Click 'Next'



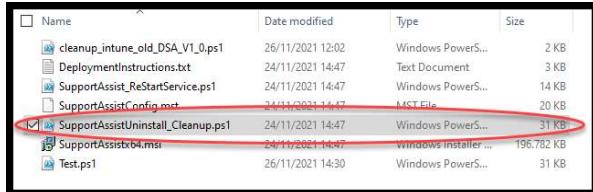
Final Summary.
Click 'Close'



The folder includes all install and uninstall files for the deployment.

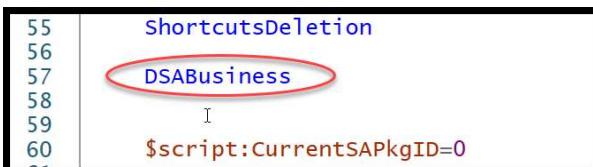
Name	Date modified	Type	Size
DeploymentInstructions.txt	16/11/2021 10:30	Text Document	3 KB
SupportAssist_ReStartService.ps1	16/11/2021 10:21	Windows PowerShell Script	14 KB
SupportAssistConfig.mst	16/11/2021 10:29	MST File	20 KB
SupportAssistUninstall_Cleanup.ps1	16/11/2021 10:21	Windows PowerShell Script	31 KB
SupportAssistx64.msi	16/11/2021 03:02	Windows Installer Package	195,434 KB

Generate an install script by copy 'SupportAssistUninstall_Cleanup.ps1' and rename file to '**cleanup_intune_old_DSA_V1_0.ps1**'

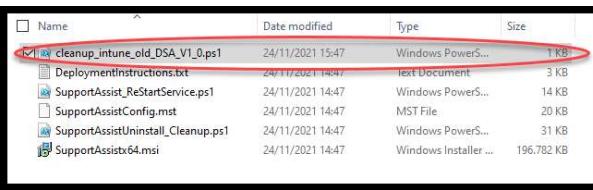


Now edit '**cleanup_intune_old_DSA_V1_0.ps1**' with Notepad or Powershell ISE

Line	Value
57	DSA Business
427-432	<pre>Function DSABusiness { write-output "Install MSI Business Version" msiexec /i "SupportAssistx64.msi" TRANSFORMS="SupportAssistConfig.mst" DEPLOYMENTKEY="Your Password" /qn Start-Sleep -Seconds 45 }</pre>



Save script in same folder how the SupportAssist installer files was stored.



Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\DSA\3.1.0.64
Please specify the setup file: SupportAssistx64.msi
Please specify the output folder: C:\Dell\IntuneWin\Output\DSA\3.1.0.64
Do you want to specify catalog folder (Y/N)?n
```

MEM is now prepared and ready for installation by MEM.

Name	Date modified	Type	Size
SupportAssistx64.intunewin	22/11/2021 15:42	INTUNEWIN File	188.407 KB

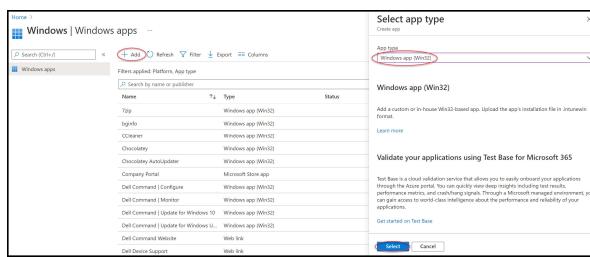
Import and Deployment settings Dell SupportAssist for Business PCs for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

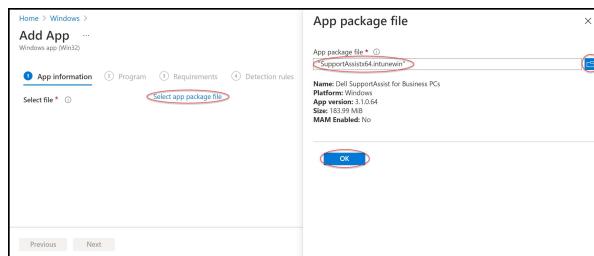


Click 'Select app package file'

Click 'Folder'

Select '**SupportAssistx64.intunewin**'

Click 'OK'



Field	Value
Publisher	Dell Inc.
Show this as a featured app in the Company Portal	Yes

Click 'Next'

The screenshot shows the 'Add App' wizard in progress, specifically the 'App information' step. The form includes fields for Name, Description, Publisher, App Version, Category, and a checkbox for 'Show this as a featured app in the Company Portal'. The 'Publisher' field is populated with 'Dell Inc.' and the 'Category' dropdown shows '0 selected'. The 'Show this as a featured app in the Company Portal' checkbox is checked ('Yes'). At the bottom, there are 'Previous' and 'Next' buttons, with the 'Next' button being highlighted.

Section 'Program'

Field	Value
Install command	powershell.exe -executionpolicy bypass -file .\cleanup_intune_old_DSA_V1_0.ps1
Uninstall command	powershell.exe -executionpolicy bypass -file .\SupportAssistUninstall_Cleanup.ps1

Section 'Requirements'

The screenshot shows the 'Add App' interface with the 'Windows app (Win32)' option selected. The 'Requirements' tab is highlighted with a blue border. Other tabs include 'App information', 'Program', 'Detection rules', 'Dependencies', 'Supers', and 'Assignments'. A link to 'Review & create' is also visible.

Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

The screenshot shows the 'Add App' interface at the 'Requirements' step. The 'Operating system architecture' field is set to '64-bit' and the 'Minimum operating system' field is set to 'Windows 10 1909'. Both fields have red circles around them, indicating they are required. Other fields like 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)' are present but not filled. A section for 'Configure additional requirement rules' is shown below, with a note that 'No requirements are specified.' The 'Next' button is highlighted with a blue border.

Section 'Detection rules'



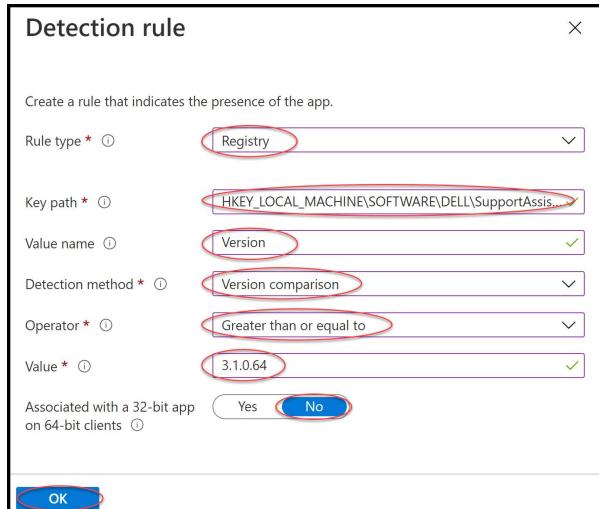
Field	Value
Rules format	Manually configure detection rules

Click 'Add'

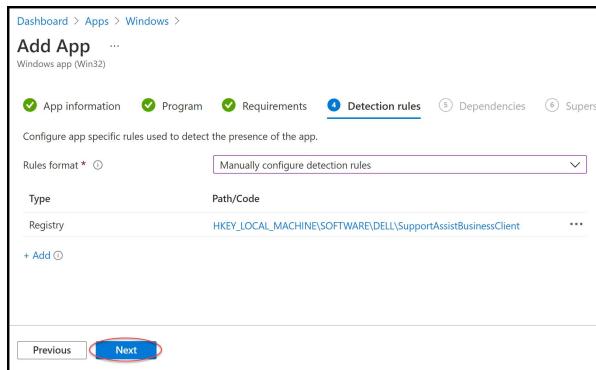
A screenshot of the 'Add App' interface. The top navigation bar and tabs are identical to the previous screenshot. The main area shows a section titled 'Configure app specific rules used to detect the presence of the app.' It includes a dropdown menu labeled 'Rules format *' with the option 'Manually configure detection rules' selected. Below this, there's a table with two columns: 'Type' and 'Path/Code'. A note says 'No rules are specified.' At the bottom left, there is a red oval around a button labeled 'Add' with a plus sign.

Field	Value
Rule type	Registry
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\DELL\SupportAssistBusinessClient
Value name	Version
Detection method	Version comparison
Operator	Greater than or equal to
Value	3.1.0.64 Note: Use version of your Dell SupportAssist
Associated with a 32-bit app on 64-bit clients	No

Click 'OK'



Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have an existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update, so this point is does not needed.

Section 'Assignments'



The Dell SupportAssist supports only Dell (Latitude, Optiplex, Precision and mobile XPS) it makes sense to have da dynamic group which only incl. these systems.

Option	Value
Required	Add group 'Dell Devices'
Available for enrolled devices	Add group 'All users'
Uninstall	

Click 'Next'

A screenshot of the 'Add App' configuration screen. The top section is labeled 'Required' and shows a table with 'Included' under 'Group mode' and 'Dell Devices' under 'Group'. The second section is labeled 'Available for enrolled devices' and shows a similar table with 'Included' under 'Group mode' and 'All users' under 'Group'. Both sections include '+ Add group' and '+ Add all users' buttons. The third section is labeled 'Uninstall' and shows 'No assignments'. At the bottom, there are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a red oval.

The app is now finished

Click 'Create'

Add App ...

Windows app (Win32)

App information

App package file	SupportAssistx64.intunewin
Name	Dell SupportAssist for Business PCs
Description	Dell SupportAssist for Business PCs
Publisher	Dell Inc.
App Version	3.1.0.64
Category	Dell Tools Computer Management
Show this as a featured app in the Company Portal	Yes
Information URL	--
Privacy URL	--
Developer	--
Owner	--
Notes	--
Logo	--

Program

Install command	msiexec /i "SupportAssistx64.msi" TRANSFORMS="SupportAssistConfig.mst" DEPLOYMENTKEY="Dell2021#/"/qn
Uninstall command	powershell.exe -executionpolicy bypass -file SupportAssistUninstall_Cleanup.ps1
Install behavior	System
Device restart behavior	App install may force a device restart
Return codes	0 Success

[Previous](#) [Create](#)

Ready to work.

Windows | Windows apps

Windows apps

Name	Type	Status	Versions	Assigned
Dell SupportAssist	Windows app (Win32)	Normal	3.1.0.64	No
Dell SupportAssist for Business PCs	Windows app (Win32)	Normal	3.0.0.34	Yes

Dell Optimizer

Introduction

Dell Optimizer is a software application that intelligently optimizes the performance of your system by using artificial intelligence and machine learning. Dell Optimizer dynamically configures your system settings to optimize the performance of your applications. It improves productivity, performance, and user experience through system usage analysis and learning.

On Dell Precision workstations, Dell Optimizer for Precision includes analytics feature that collects extensive data about your system and helps identify potential issues.

Dell Optimizer Version 2.0 User's Guide

<https://www.dell.com/support/home/en-us/product-support/product/dell-optimizer/docs>

Prepare Dell Optimizer for MEM

Download the newest Version of Dell Optimizer from our website.

<https://www.dell.com/support/home/en-us/product-support/product/dell-optimizer/drivers>

If you have downloaded the file from dell.com/support:

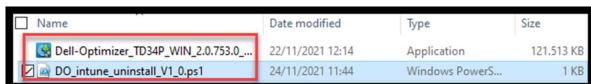
Go to the download folder and find the installer file **Dell-Optimizer_PKGID_Win_Version_Rev.exe**



Generate an uninstall script **DO_intune_uninstall_V1_0.ps1**

```
$myApp = Get-ChildItem -Path HKLM:\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall |  
Get-ItemProperty | Where-Object {$__.DisplayName -match "Dell Optimizer Service"} | Select-Object -  
ExpandProperty UninstallString  
Start-Process cmd.exe -ArgumentList '/c','$myapp -silent'  
get-AppxPackage *DellOptimizer* -AllUsers | Remove-AppxPackage -AllUsers  
Start-Sleep -Seconds 120
```

Save script in same folder where the **Dell-Optimizer_PKGID_Win_Version_Rev.exe** is stored



Start the Microsoft Win32 Content Prep Tool (aka MEMAppUtil.exe). In case you are not familiar with this tool, you will find documentation here: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Argument	Value
Source Folder	folder where you have stored the unzipped MSI
Setup file	Main installer file like msi/exe/ps1, etc.
Output Folder	where you want to store the IntuneWin

```
Please specify the source folder: C:\Dell\IntuneWin\Input\Dell Optimizer\2.0.753.0
Please specify the setup file: Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.EXE
Please specify the output folder: C:\Dell\IntuneWin\Output\Optimizer\2.0.753.0
Do you want to specify catalog folder (Y/N)?n
```

MEM's are now prepared and ready for installation by MEM.

Name	Date modified	Type	Size
Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.EXE	18/11/2021 13:28	INTUNEWIN File	116.806 KB

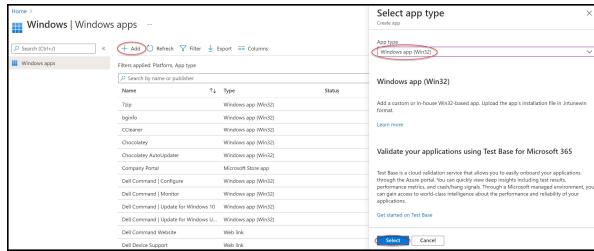
Import and Deployment settings Dell Optimizer for MEM

Click 'Add'

Field	Value
Source Folder	Windows app (Win32)

Click 'Select'

Select Windows app (Win32) as application.



Section 'App information'

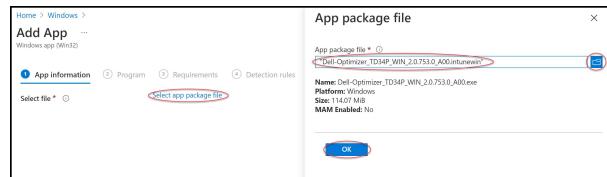


Click 'Select app package file'

Click 'Folder'

Select 'Dell-Optimizer_TD34P_WIN_2.0.753.0_A00INTUNEWIN'

Click 'OK'



Field	Value
Name	Dell Optimizer
Publisher	Dell Inc.
App Version	2.0.753.0
Show this as a featured app in the Company Portal	Yes

Click 'Next'

Add App ...

Windows app (Win32)

App information Program Requirements Detection rules Dependencies Superseded

Select file * Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.intunewin

Name * Dell Optimizer

Description * Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.exe

Publisher * Dell Inc.

App Version * 2.0.753.0

Category * 3 selected

Show this as a featured app in the Company Portal * Yes

Information URL * Enter a valid url

Previous **Next**

Section 'Program'



Field	Value
Install command	Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.exe /s
Uninstall command	powershell.exe -executionpolicy bypass .\DO_intune_uninstall_V1_0.ps1

Click 'Next'

The screenshot shows the 'Program' configuration page. The 'Install command' field contains 'Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.exe /s' and the 'Uninstall command' field contains 'powershell.exe -executionpolicy bypass .\DO_intune_uninstall_V1_0.ps1'. The 'Next' button at the bottom is highlighted with a red circle.

Section 'Requirements'



Field	Value
Operating system architecture	64-Bit
Minimum operating system	1909 (Please note Dell support drivers and software only with the latest Win version + N -2)

Click 'Next'

A screenshot of the 'Add App' interface, specifically the 'Requirements' section. The title 'Add App ... Windows app (Win32)' is at the top. Below it, the 'Requirements' tab is selected (blue circle with a 1, highlighted with a red oval). The form asks for requirements: 'Specify the requirements that devices must meet before the app is installed.' It includes fields for 'Operating system architecture' (set to '64-bit') and 'Minimum operating system' (set to 'Windows 10 1909'), both of which are highlighted with red ovals. There are also fields for 'Disk space required (MB)', 'Physical memory required (MB)', 'Minimum number of logical processors required', and 'Minimum CPU speed required (MHz)'. Below these, there's a section for 'Configure additional requirement rules' with a table for 'Type' and 'Path/Script'. A note says 'No requirements are specified.' and a '+ Add' button. At the bottom are 'Previous' and 'Next' buttons, with 'Next' being highlighted with a red oval.

Section 'Detection rules'



Field	Value
Rules format	Manually configure detection rules

Click 'Add'

A screenshot of the 'Add App' interface. The 'Detection rules' tab is selected. In the 'Rules format' dropdown, 'Manually configure detection rules' is chosen. At the bottom left, there is a red circle with a white arrow pointing to the 'Add' button, which is highlighted with a red circle.

Field	Value
Rule type	Registry
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{1344E072-D68B-48FF-BD2A-C1CCCC511A50}
Value	DisplayVersion
Detection method	Version comparison
Operator	Greater than or equal to
Value	2.0.753.0 Note: Use version of your Dell Optimizer
Associated with a 32-bit app on 64-bit clients	No

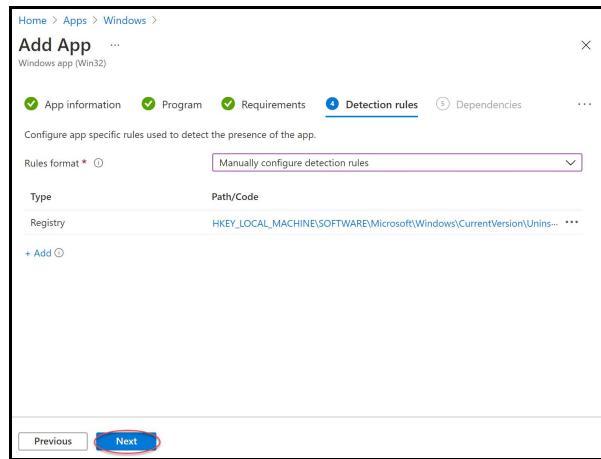
Click 'OK'

The screenshot shows a 'Detection rule' configuration window. The fields filled in are:

- Rule type: Registry
- Key path: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{1344E072-D68B-48FF-BD2A-C1CCCC511A50}
- Value name: DisplayVersion
- Detection method: Version comparison
- Operator: Greater than or equal to
- Value: 2.0.753.0
- Associated with a 32-bit app on 64-bit clients: No

The 'OK' button at the bottom is highlighted with a red circle.

Click 'Next'



Section 'Dependencies'



No changes

Section 'Supersedence'



No changes

Note: If you have existing version of this software you can select this previous version here to uninstall before this soft package be installed. All install instructions are tested for Install/Uninstall and Update, so this point is does not needed.

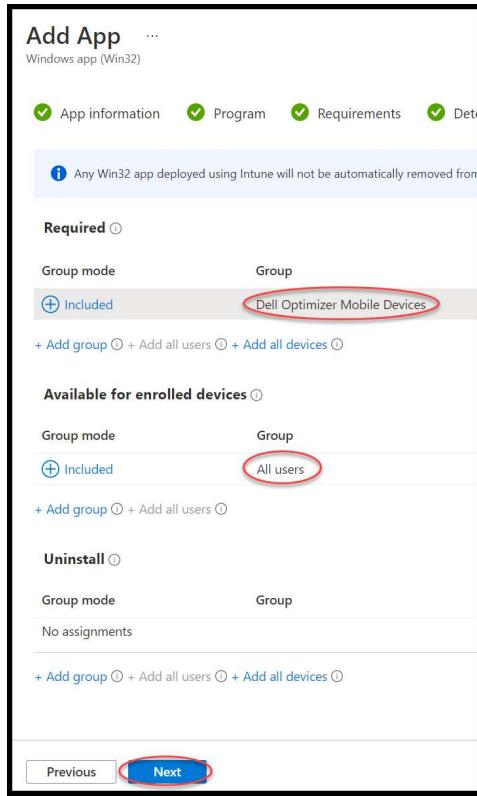
Section 'Assignments'



The Dell Optimizer supports only Dell (Latitude, Optiplex, Precision and mobile XPS with Intel Core CPU **11G and newer**) it makes sense to have a dynamic group which only incl. these systems.

Option	Value
Required	Add group 'Dell Optimizer Mobile Devices'
Available for enrolled devices	Add group 'All user'
Uninstall	

Click 'Next'



The app is now finished

Click 'Create'

Add App ...

Windows app (Win32)

App information

App package file	Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.intunewin
Name	Dell Optimizer
Description	Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.exe
Publisher	Dell Inc.
App Version	2.0.753.0
Category	Dell Tools Productivity Computer Management
Show this as a featured app in the Company Portal	Yes
Information URL	--
Privacy URL	--
Developer	--
Owner	--
Notes	--
Logo	--

Program

Install command	Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.exe /s
Uninstall command	powershell.exe -executionpolicy bypass .\DO_intune_uninstall_V1_0.ps1
Install behavior	System
Device restart behavior	App install may force a device restart
Return codes	0 Success 1707 Success

Buttons: Previous **Create** (The 'Create' button is highlighted with a red circle)

Ready to work.

Windows | Windows apps

Search (Ctrl+F) + Add Refresh Filter Export Columns

Windows apps

Folders applied: Dell Inc., App type: All apps

Name	Type	Status	Version	Assigned
Dell Optimizer	Windows app (Win32)	Normal	2.0.753.0	No
Dell Optimizer App	Windows app (Win32)	Normal	2.0.753.0	No
Dell Optimizer Service	Windows service (Win32)	Normal	2.0.753.0	No

References

IntuneWin Repository (**unsupported, use on your own support/risk**)

https://riebelab-my.sharepoint.com/:g/personal/sven_riebe_riebelab_onmicrosoft_com/EtnTR14pJxdLmAvyhlJncScBH6YRXupVXH64z5G62xAOeQ?e=ci7oIL

Microsoft IntuneWin converter

<https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-prepare>

Dell Trusted Device Agent

<https://www.dell.com/support/home/en-us/product-support/product/trusted-device/docs>
<https://www.dell.com/support/home/en-us/product-support/product/trusted-device/drivers>

Dell | Command Power Manager

<https://www.dell.com/support/home/en-us/product-support/product/dell-command-power-manager/docs>
<https://www.dell.com/support/home/en-us/product-support/product/power-manager/drivers>

Dell Command | Update

<https://www.dell.com/support/home/en-us/product-support/product/command-update/docs>
<https://www.dell.com/support/home/en-us/product-support/product/command-update/drivers>

Dell Command | Monitor

<https://www.dell.com/support/home/en-us/product-support/product/command-monitor/docs>
<https://www.dell.com/support/home/en-us/product-support/product/command-monitor/drivers>

Dell Command | Configure

<https://www.dell.com/support/home/en-us/product-support/product/command-configure/docs>
<https://www.dell.com/support/home/en-us/product-support/product/command-configure/drivers>

Dell Display Manager

<https://www.dell.com/support/kbdoc/de-de/000060112/what-is-dell-display-manager?lang=en>
<https://www.delldisplaymanager.com/>

SupportAssist for Business PCs

<https://www.dell.com/support/home/en-us/product-support/product/supportassist-business-pcs/docs>

<https://techdirect.dell.com/>

Dell Optimizer

<https://www.dell.com/support/home/en-us/product-support/product/dell-optimizer/docs>

<https://www.dell.com/support/home/en-us/product-support/product/dell-optimizer/drivers>