

# DEPLOY DELL CLIENT TOOLS WITH VMWARE WORKSPACE ONE UEM

Step by Step install Dell Tool

## Summary

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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 VMware Workspace One UEM (WS1). 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.



## 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

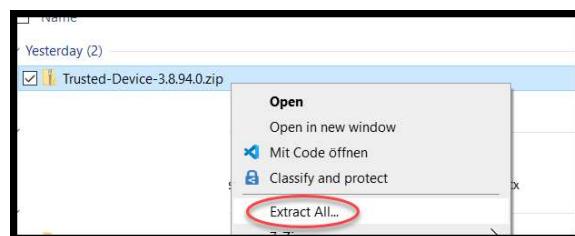
<https://www.dell.com/support/home/en-us/product-support/product/trusted-device/docs>

### Prepare Dell Trusted Device Agent for Workspace One

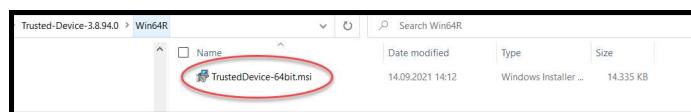
Download of the newest Version of Dell Trusted Device Agent from the Dell website.

<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 Workspace One.



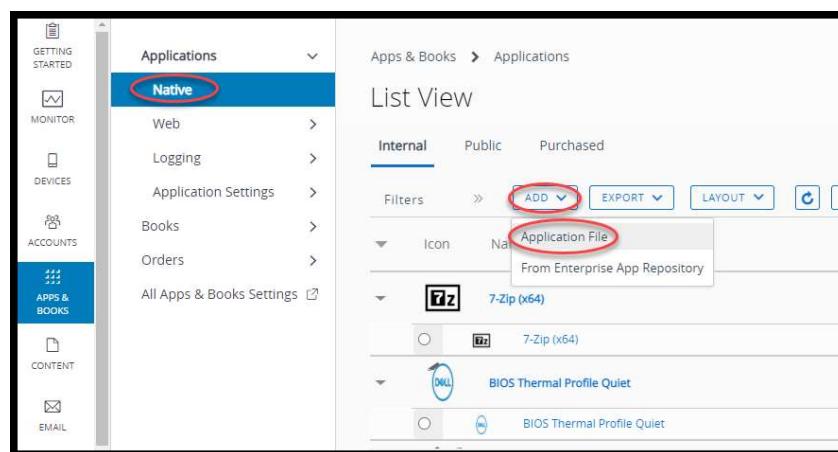
## Import and Deployment settings Dell Trusted Device Agent to Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'

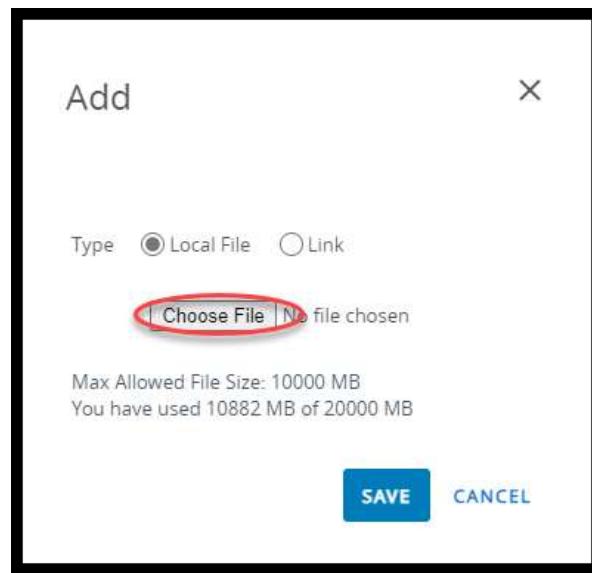


Upload the file to Workspace One. Click 'Upload'

The screenshot shows a form titled 'Add Application'. It has two fields: 'Organization Group ID\*' with a red asterisk and 'Application File\*' with a red asterisk. Below the 'Application File' field is a grey button labeled 'UPLOAD' with a red oval highlighting it.

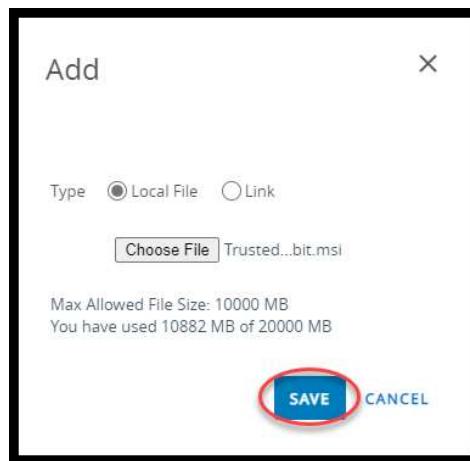
Click 'Choose File'

Select '**TrustedDevice-64bit.msi**'



Click 'Save'

Upload the File **TrustedDevice-64bit.msi** to the Console



Field	Value
Is this a dependency app	No

Click 'Continue'

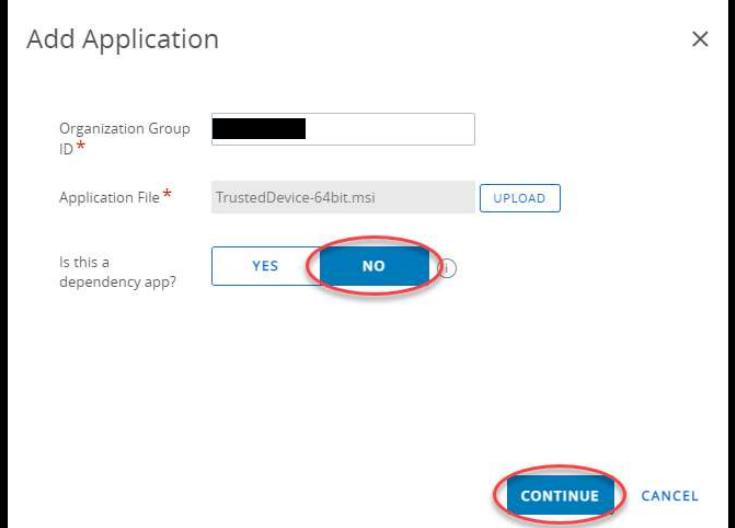
Add Application

Organization Group [REDACTED]

Application File \* TrustedDevice-64bit.msi

Is this a dependency app?   ⓘ

CANCEL



## Section 'Details'



No changes

Field	Value
Retire Previous Versions	<input checked="" type="checkbox"/>

**Note:** This option is only available if an older deployment package is still active.

Add Application - Dell Trusted Device Agent v 3.8.94.0

Internal | Managed By: [REDACTED] | Application ID: {0B0C1830-AEDB-481E-A54A-E473DE7DD2A3} | App Size...

Details    Files    Deployment Options    Images    Terms of Use

Name \* Dell Trusted Device Agent

Managed By [REDACTED]

Application ID \* (0B0C1830-AEDB-481E-A54A-E473DE7DD2A3)

App Version \* 3.8.94.0

Build Version {66AE1ACB-9ABF-4FB9-8248-C3064DEE6093}

Uploaded UEM Version 3 . 8 . 94 . 0

Latest Version 3 . 7 . 89 . 0

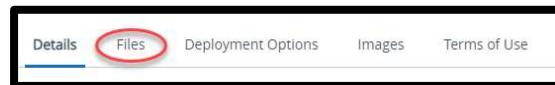
Retire Previous Versions  (circled)

Supported Processor Architecture 64-bit

Is Beta YES NO

SAVE & ASSIGN CANCEL

## Section 'Files'



Add an uninstall script for Dell Trusted Device Agent.

## Section 'App Uninstall Process'

Field	Value
Use Custom Script for MSI	Yes
Custom Script Type	Upload

Click 'Upload or Change'

**Note:** The field is first called 'Upload' and later when changes are made to the software package 'Change'

Add Application - Dell Trusted Device Agent v 3.8.94.0

Internal | Managed By: [REDACTED] Application ID: (0BOC1830-AEDB-481E-A54A-E473DE7DD2A3) | App Size...

Details Files Deployment Options Images Terms of Use

> App Patches

App Uninstall Process

Upload any scripts to identify the course of actions to be run to uninstall the application.

Use Custom Script for MSI YES NO

Custom Script Type \* UPLOAD INPUT

Uninstall Script CHANGE

Uninstall Command \*

SAVE & ASSIGN CANCEL

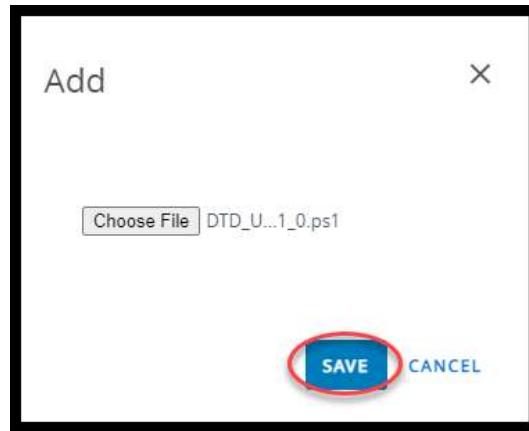
### Generate an uninstall script **DTD\_Uninstall\_V1\_0.ps1**

```
$App = Get-WmiObject -Class win32_product -Filter "Name like '%Dell Trusted Device%'" | select -ExpandProperty  
IdentifyingNumber  
msiexec.exe /x "$App" /qn REBOOT=R
```

Value REBOOT=R suppressing the Reboot, which normally is **immediate**.

Choose the uninstall script, e.g., **DTD\_Uninstall\_V1\_0.ps1**

Click 'Save'



Field	Value
Uninstall Command	powershell.exe -ExecutionPolicy bypass -File DTD_Uninstall_V1_0.ps1

Add Application - Dell Trusted Device Agent v 3.8.94.0  
Internal | Managed By: [REDACTED] | Application ID: {0B0C1830-AEDB-481E-A54A-E473DE7DD2A3} | App Size...

Details    **Files**    Deployment Options    Images    Terms of Use

> App Patches

▼ App Uninstall Process

ⓘ Upload any scripts to identify the course of actions to be run to uninstall the application.

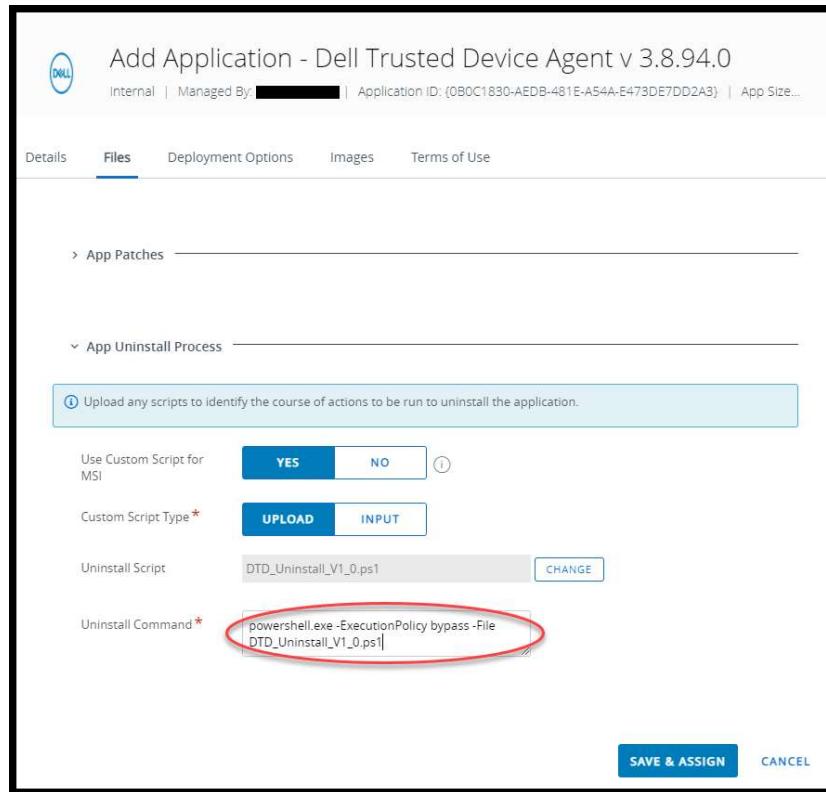
Use Custom Script for MSI    YES    NO    ⓘ

Custom Script Type\*    UPLOAD    INPUT

Uninstall Script    DTD\_Uninstall\_V1\_0.ps1    CHANGE

Uninstall Command\*    powershell.exe -ExecutionPolicy bypass -File DTD\_Uninstall\_V1\_0.ps1

SAVE & ASSIGN    CANCEL



## Section 'Deployment'

Field	Value
Install Command	msiexec /i "TrustedDevice-64bit.msi" /qn REBOOT=ReallySuppress

## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

**Section 'Add Criteria'**

Criteria Type	Registry exists
Path	HKEY_LOCAL_MACHINE\SOFTWARE\DELL\TrustedDevice
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	Version
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal 3.8.94.0 (Note: use version of Trusted Device)

Add Criteria

Criteria Type \* Registry exists

Path \* HKEY\_LOCAL\_MACHINE\SOFTWARE\DELL\TrustedDevice

Configure Registry Values

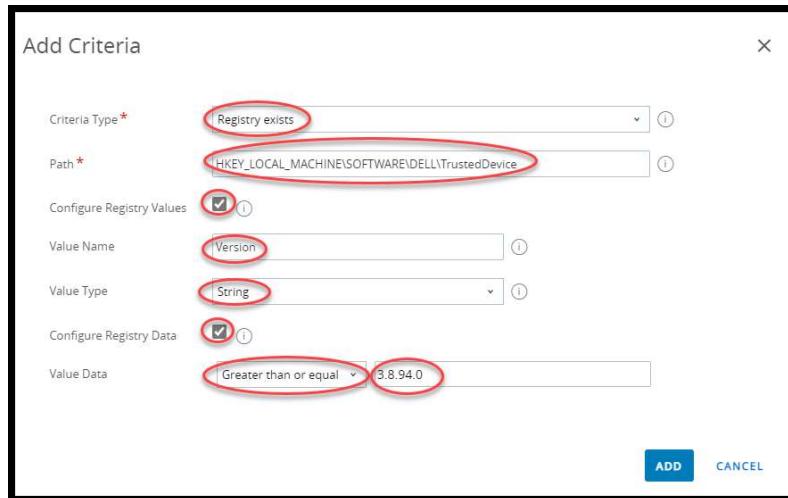
Value Name Version

Value Type String

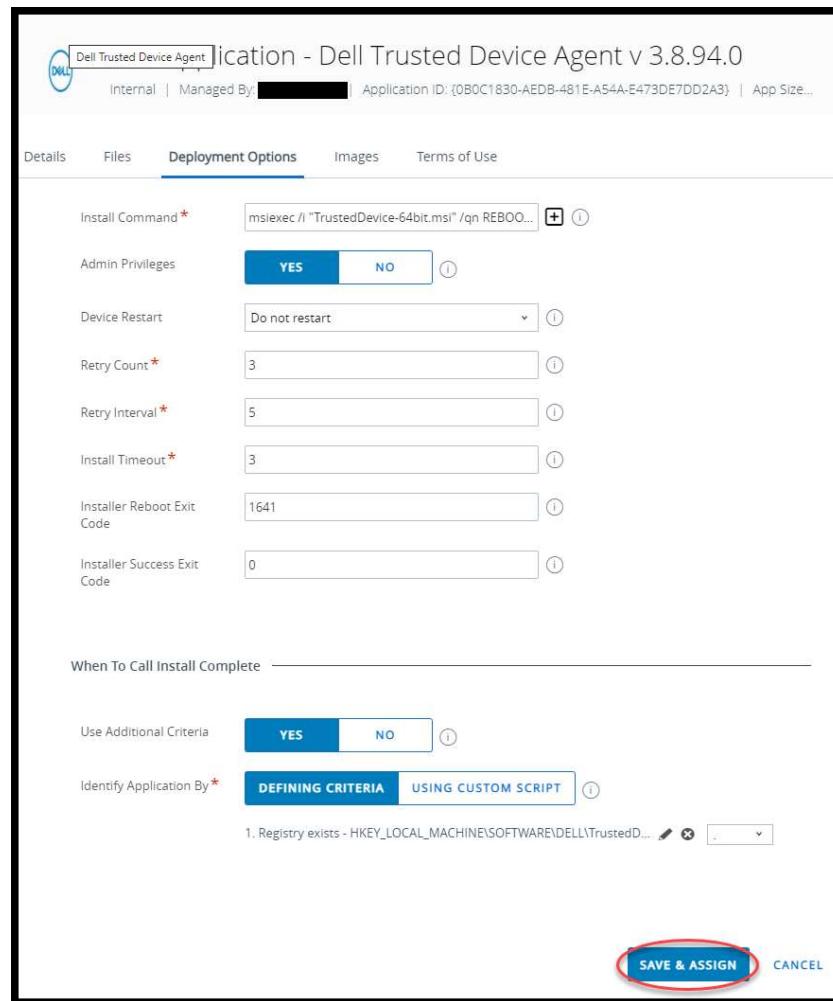
Configure Registry Data

Value Data Greater than or equal 3.8.94.0

**ADD** **CANCEL**



Click 'Save & Assign'



## Section 'Assignment'

Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.

The screenshot shows the 'Dell Trusted Device Agent - Assignment' interface. At the top, it displays 'App Version: 3.8.94.0 UEM Version: 3.8.94.0 Platform: Windows Desktop Status: Active'. Below this are tabs for 'Assignments' and 'Exclusions'. A note states: 'Devices will receive application based on the configurations below. Devices with multiple assignments will receive policies in priority order. Adjusting the priority for a single assignment will automatically reprioritize other assignments. Select the assignment to edit. Adding a new assignment will create a new rule at the bottom of the list.' A prominent blue button labeled 'ADD ASSIGNMENT' is circled in red at the top left of the main table area. The table has columns: Priority, Assignment Name, Description, Smart Groups, App Delivery Method, and EMM Managed Access. One row is visible with Priority 0, Assignment Name 'All', Description '1', App Delivery Method 'Auto', and EMM Managed Access 'Enabled'.

## Section 'Distribution'

Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Trusted Device Agent supports only Dell devices (Latitude, Optiplex, Precision and mobile XPS), it makes sense to have a dynamic smart group which includes these devices only.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	On (This tool is only for admins relevant)
Allow User Install Deferral	Off (Security Software should be installing every time)
Display in App Catalog	Off

The screenshot shows the 'Dell Trusted Device Agent - Assignment' dialog box. The 'Distribution' tab is selected. The configuration fields and their current values are:

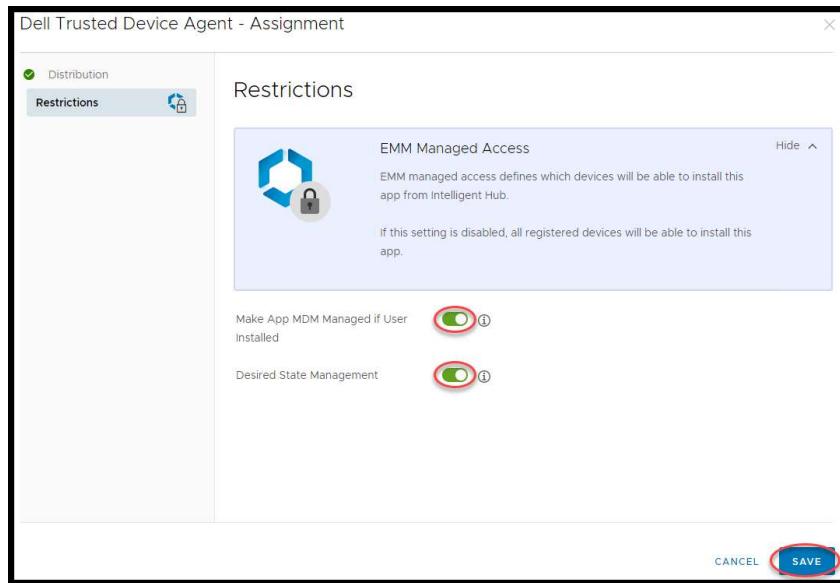
- Name:** All (highlighted with a red circle)
- Description:** Assignment Description
- Assignment Groups:** All Devices (highlighted with a red circle)
- Deployment Begins:** 11/01/2021, 12:00 AM (GMT-12:00) International Date Line West
- App Delivery Method:** Auto (highlighted with a red circle)
- Hide Notifications:** On (highlighted with a red circle)
- Allow User Install Deferral:** Off
- Display in App Catalog:** Off (highlighted with a red circle)

At the bottom right are the 'CANCEL' and 'SAVE' buttons.

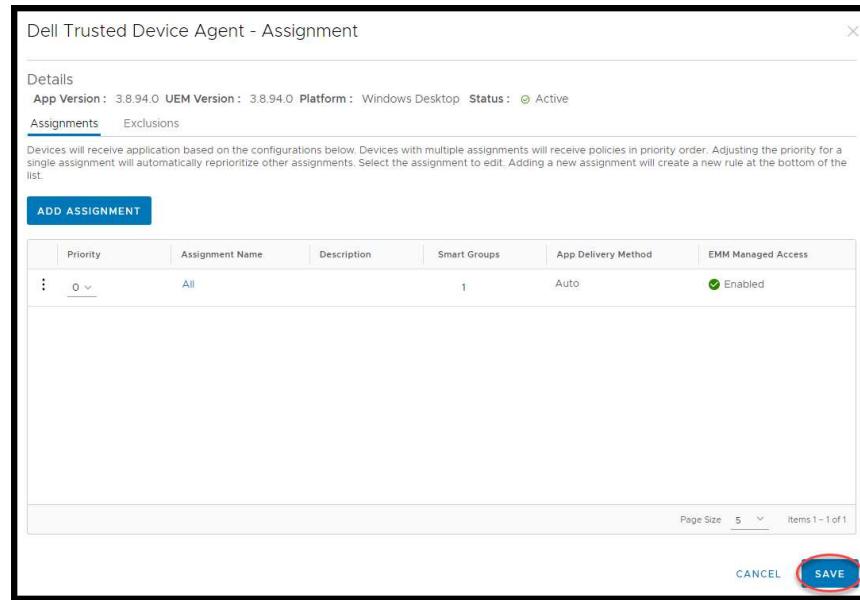
## Section 'Restrictions'

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	On (if User has Admin rights and uninstall this App, the app will be reinstalled directly by Workspace One)

Click 'Save'

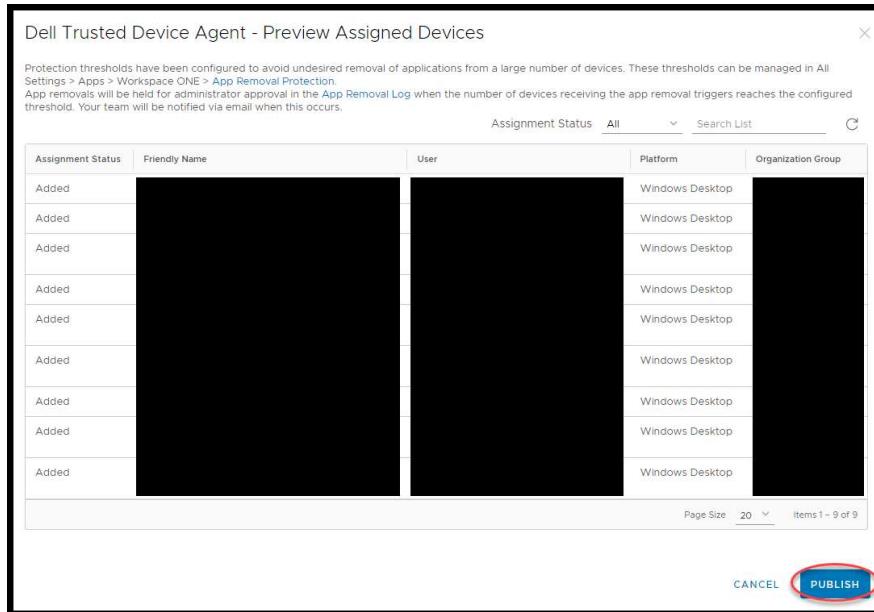


**Click 'Save'**



**Cross check to ensure that this assignment matches to the correct devices.**

**Click 'Publish'.**



Ready to work.

The screenshot shows the 'Assignments' tab of the Dell Trusted Device Agent application configuration interface. The page title is 'Dell Trusted Device Agent v 3.8.94.0'. The top navigation bar includes 'Internal' (Status: Active), 'Managed By [REDACTED]', and 'App...'. Action buttons include 'EDIT', 'ASSIGN', 'ADD VERSION', and 'MORE'. Below the navigation are tabs: 'Summary', 'Details', 'Devices', 'Assignment' (selected), 'Files', and 'More'. Under 'Assignment', there are two sub-tabs: 'Assignments' (selected) and 'Exclusions'. A table lists assignments with columns: Priority, Assignment Name, Description, Smart Groups, and App Delivery Method. One row is shown: Priority 0, Assignment Name 'All', Description '1', Smart Groups 1, and App Delivery Method 'Auto'. A support icon is visible on the right.

Priority	Assignment Name	Description	Smart Groups	App Delivery Method
0	All	1	1	Auto

## 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

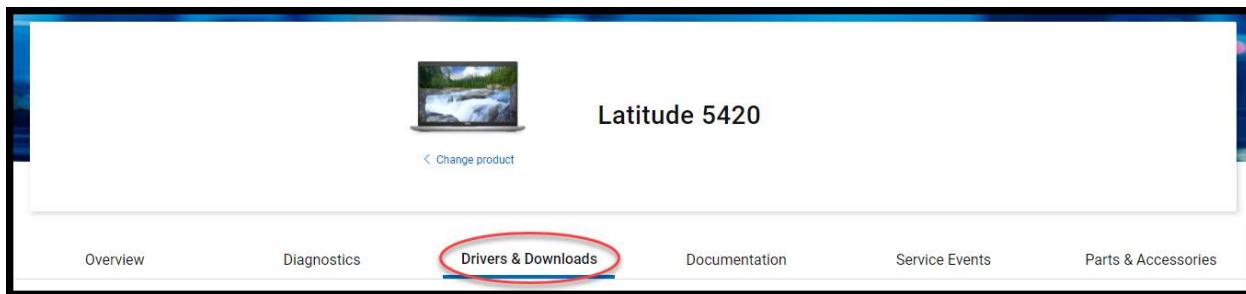
<https://www.dell.com/support/home/en-us/product-support/product/dell-command-power-manager/docs>

### Prepare Dell Power Manager for Workspace One

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

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

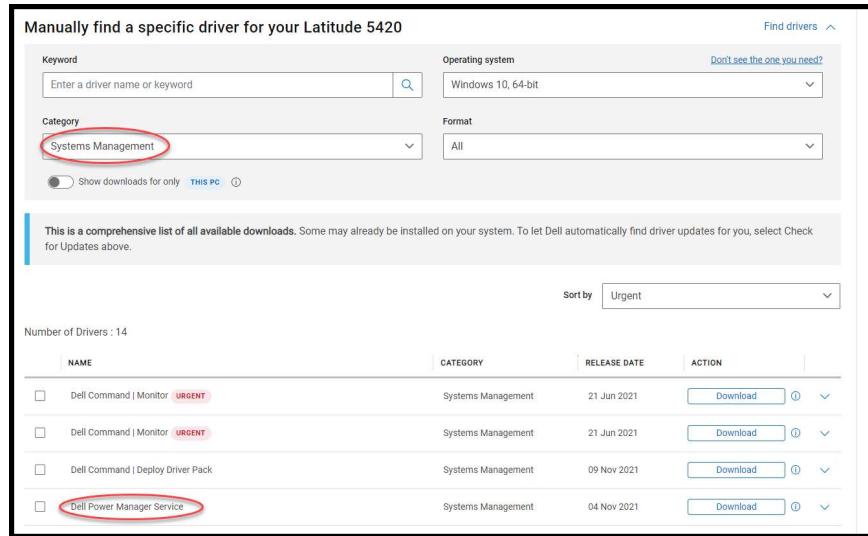
Note: Please select a device platform like Latitude 5420 and move to section 'Drivers & Downloads'



Choose Manually to find a specific driver

Category	Systems Management
----------	--------------------

Find Dell Power Manager Service and download the installer file.



The screenshot shows a search interface for drivers. The 'Category' dropdown is set to 'Systems Management', which is highlighted with a red oval. The search results table lists four items, with 'Dell Power Manager Service' also circled in red. The table columns are NAME, CATEGORY, RELEASE DATE, and ACTION (Download).

NAME	CATEGORY	RELEASE DATE	ACTION
Dell Command   Monitor <small>URGENT</small>	Systems Management	21 Jun 2021	Download
Dell Command   Monitor <small>URGENT</small>	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 additional step is needed to locate the MSI for the installation.

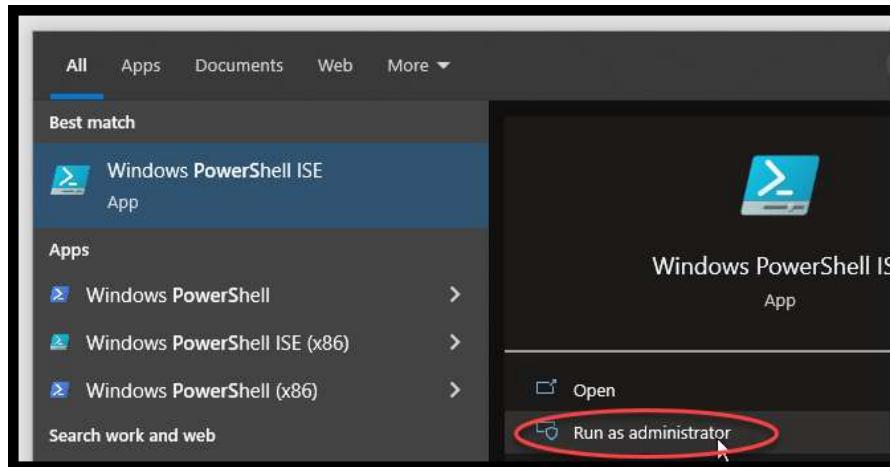


The MSI need to extract from the EXE.

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.

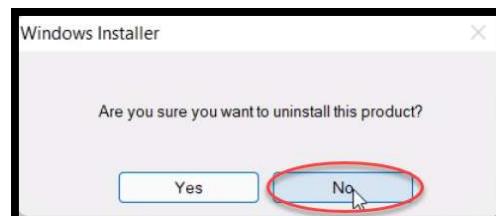


2. \folder\{Dell-Command-Update\_[VERSION] /PASSTHROUGH /X /B"[EXTRACTION PATH]"

```
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.



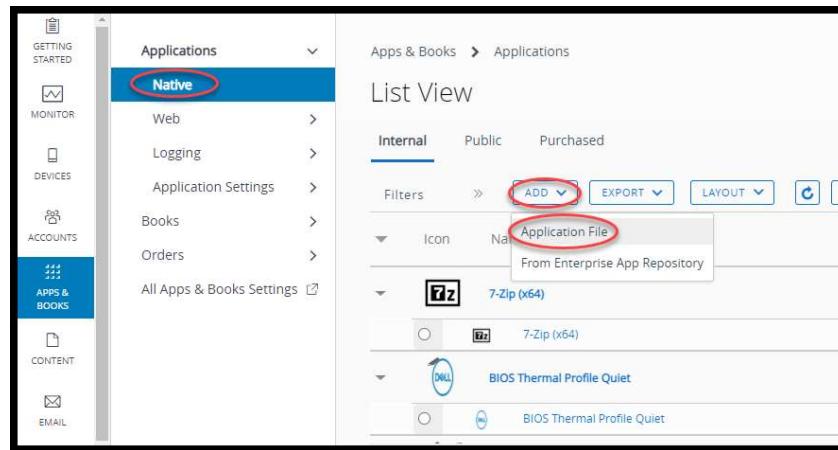
## Import and Deployment settings Dell Power Manager for Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



Upload the file to Workspace One. Click Upload

Add Application

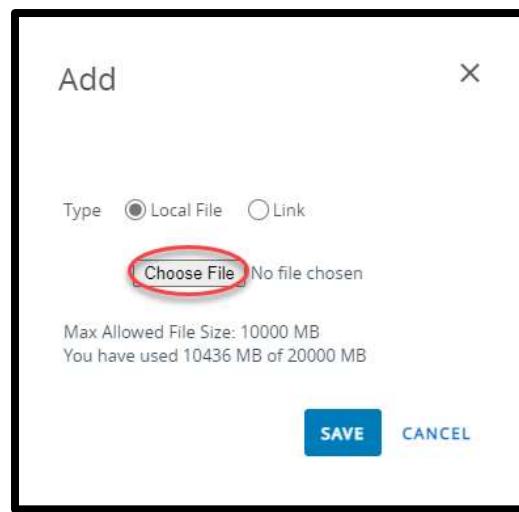
Organization Group ID \*

Application File \*

UPLOAD

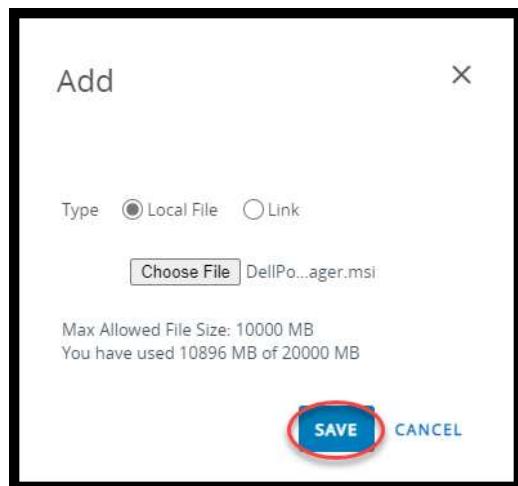
Click 'Choose File'

Select '**DellPowerManager.msi**'



Click 'Save'

Upload the File **DellPowerManager.msi** to the Console



Field	Value
Is this a dependency app	No

Click 'Continue'

Add Application

Organization Group ID \*

DellPowerManager.msi

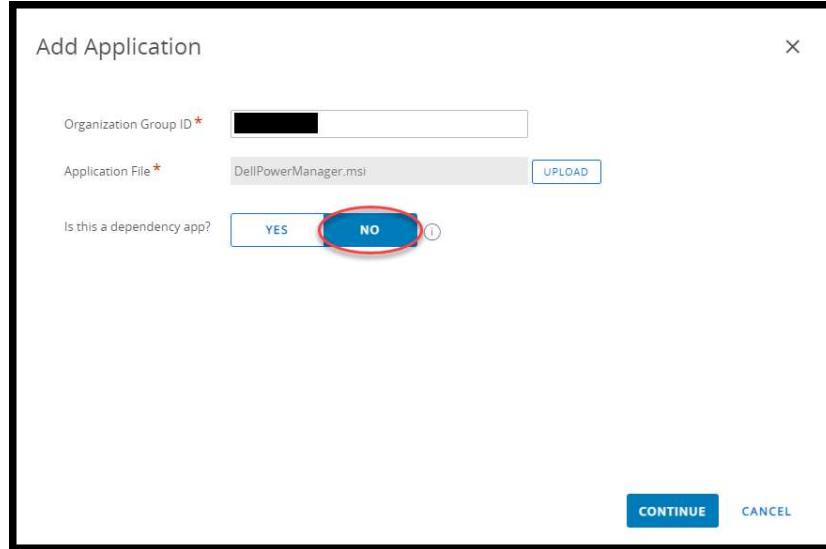
Application File \*

UPLOAD

Is this a dependency app?

YES NO ⓘ

CONTINUE CANCEL



## Section 'Details'



No changes

Field	Value
Retire Previous Versions	<input checked="" type="checkbox"/>

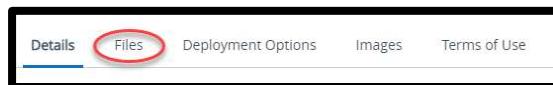
**Note:** This option is only available if an older deployment package is still active.

The screenshot shows the 'Add Application' dialog for 'Dell Power Manager Service v 3.10.0'. The 'Details' tab is selected. The 'Retire Previous Versions' checkbox is checked and circled in red.

Field	Value
Name *	Dell Power Manager Service
Managed By	[REDACTED]
Application ID *	(99E3774C-4CD9-46D4-86DB-4F82F3867BFD)
App Version *	3.10.0
Build Version	{18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}
Uploaded UEM Version	3 . 10 . 0 . 0
Latest Version	3 . 9 . 0 . 0
Retire Previous Versions	<input checked="" type="checkbox"/> (circled in red)
Supported Processor Architecture	64-bit
Is Beta	YES (highlighted in blue)
Update Notifications	NOTIFY
Change Log	[Empty text area]
Categories	Dell Tools (Custom) Productivity (System)

Buttons at the bottom: SAVE & ASSIGN (highlighted in blue) and CANCEL.

## Section 'Files'



Add an uninstall script for Dell Power Manager.

## Section 'App Uninstall Process'

Field	Value
Use Custom Script for MSI	Yes
Custom Script Type	Upload

Click 'Upload or Change'

**Note: The field is first called 'Upload' and later when changes are made to the software package 'Change'**

Add Application - Dell Power Manager Service v 3.10.0

Internal | Managed By [REDACTED] | Application ID: {99E3774C-4CD9-46D4-86DB-4F82F3867BFD} | App Size: 9948 KB

Details Files Deployment Options Images Terms of Use

Select Dependent Applications Start typing to add a dependent application

> App Transforms

> App Patches

App Uninstall Process

Upload any scripts to identify the course of actions to be run to uninstall the application.

Use Custom Script for MSI  YES  NO

Custom Script Type \*  UPLOAD  INPUT

Uninstall Script

Uninstall Command \*

SAVE & ASSIGN CANCEL

### Generate an uninstall script **DPM\_uninstall\_V1\_0.ps1**

Note: If you uninstall Dell Power Manager by MSI it could be the Dell Power Manager UWP App will still exist on the device. The following uninstall script will clear up the UWP App as well.

```
$App = Get-WmiObject -Class win32_product -Filter "Name like "%Dell Power Manager%" | select -ExpandProperty  
IdentifyingNumber  
Get-AppxPackage *DellPower* -AllUsers | Remove-AppxPackage -AllUsers  
msiexec.exe /x "$App" /qn
```

Choose the uninstall script, e.g., **DPM\_uninstall\_V1\_0.ps1**

Click 'Save'



Field	Value
Uninstall Command	powershell.exe -ExecutionPolicy bypass -File DPM_uninstall_V1_0.ps1

Add Application - Dell Power Manager Service v 3.10.0  
Internal | Managed By: [REDACTED] | Application ID: (99E3774C-4CD9-46D4-86DB-4F92F3867BFD) | App Size: 9948 KB

Details    **Files**    Deployment Options    Images    Terms of Use

Application File \* DellPowerManager.msi

App Dependencies: Select Dependent Applications Start typing to add a dependent application

App Transforms:

App Patches:

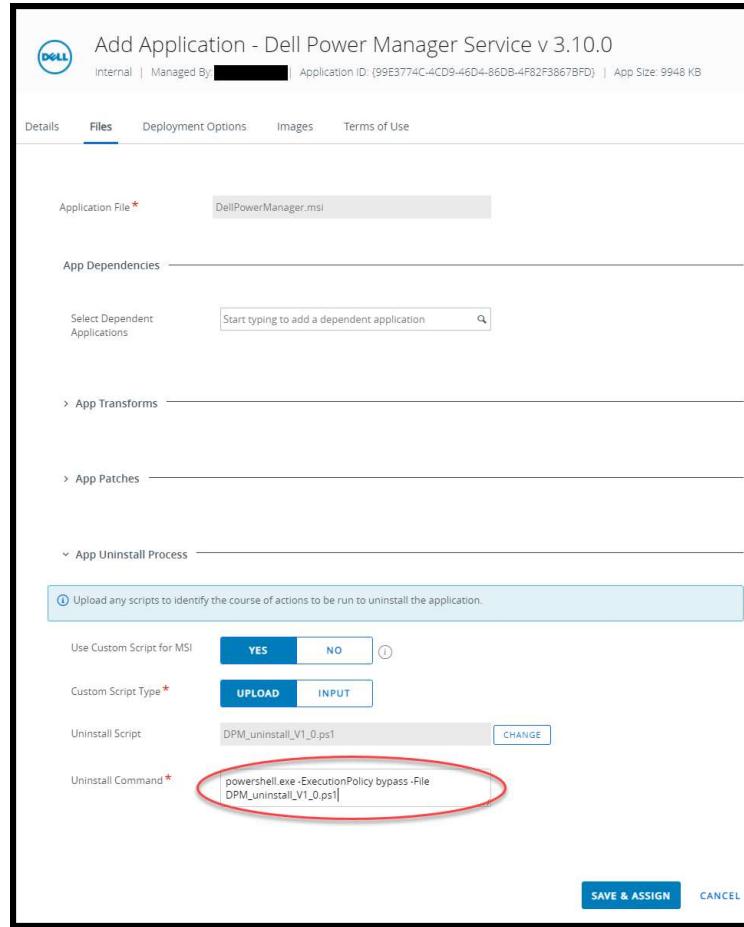
App Uninstall Process:  Upload any scripts to identify the course of actions to be run to uninstall the application.

Use Custom Script for MSI: YES NO

Custom Script Type \* UPLOAD INPUT

Uninstall Script: DPM\_uninstall\_V1\_0.ps1

Uninstall Command \* powershell.exe -ExecutionPolicy bypass -File DPM\_uninstall\_V1\_0.ps1



## Section 'Deployment'



## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

Add Application - Dell Power Manager Service v 3.10.0  
Internal | Managed By [REDACTED] | Application ID: {99E3774C-4CD9-46D4-86DB-4F82F3867BFD} | App Size: 9948 KB

Details Files Deployment Options Images Terms of Use

Install Context  DEVICE  USER ⓘ

Install Command \* msieexec /i "DellPowerManager.msi" /qn ⌂ ⓘ

Admin Privileges  YES  NO ⓘ

Device Restart Do not restart ⓘ

Retry Count \* 3 ⓘ

Retry Interval \* 5 ⓘ

Install Timeout \* 60 ⓘ

Installer Reboot Exit Code 1641 ⓘ

Installer Success Exit Code 0 ⓘ

When To Call Install Complete

Use Additional Criteria  YES  NO ⓘ

Identify Application By \*  DEFINING CRITERIA  USING CUSTOM SCRIPT ⓘ

+ ADD ⓘ

SAVE & ASSIGN CANCEL

## Section 'Add Criteria'

Field	Value
Criteria Type	Registry exists
Path	HKEY_LOCAL_MACHINE\SOFTWARE\DELL\CommandPowerManager
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	Version
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal to 3.10.0 (Note: use version of Power Manager)

Click 'Add'

The screenshot shows the 'Add Criteria' dialog box. The fields and their values are as follows:

- Criteria Type: Registry exists
- Path: HKEY\_LOCAL\_MACHINE\SOFTWARE\DELL\CommandPowerManager
- Configure Registry Values:
- Value Name: Version
- Value Type: String
- Configure Registry Data:
- Value Data: Greater than or equal to 3.10.0

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

Click 'Save & Assign'

Add Application - Dell Power Manager Service v 3.10.0

Internal | Managed By: [REDACTED] | Application ID: {99E3774C-4CD9-46D4-86DB-4F82F3867BFD} | App Size: 9948 KB

Details Files Deployment Options Images Terms of Use

Install Context

DEVICE **USER** ⓘ

Install Command\* msieexec /i "DellPowerManager.msi" /qn + ⓘ

Admin Privileges

YES NO ⓘ

Device Restart

Do not restart ⓘ

Retry Count\*

3 ⓘ

Retry Interval\*

5 ⓘ

Install Timeout\*

60 ⓘ

Installer Reboot Exit Code

1641 ⓘ

Installer Success Exit Code

0 ⓘ

When To Call Install Complete

Use Additional Criteria

YES NO ⓘ

Identify Application By\*

**DEFINING CRITERIA** USING CUSTOM SCRIPT ⓘ

1. Registry exists - HKEY\_LOCAL\_MACHINE\SOFTWARE\DELL\CommandPowerMa... ⚙️ ⓘ .

**SAVE & ASSIGN** CANCEL

## Section 'Assignment'

Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.

Dell Power Manager Service - Assignment

Details  
App Version: 3.10.0 UEM Version: 3.10.0.0 Platform: Windows Desktop Status: Active

Assignments Exclusions

Devices will receive application based on the configurations below. Devices with multiple assignments will receive single assignment will automatically reprioritize other assignments. Select the assignment to edit. Adding a new list.

**ADD ASSIGNMENT**

## Section 'Distribution'

Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Power Manager supports only Dell devices (Latitude, Optiplex, Precision and mobile XPS), it makes sense to have a dynamic smart group which includes these devices only.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	Off
Allow User Install Deferral	Off
Display in App Catalog	On

Dell Power Manager Service - Assignment

**Distribution**

**Restrictions**

**Distribution**

Name \* **All Devices**

Description **Assignment Description**

Assignment Groups \* Start typing to add a group **All Corporate Dedicated Devices**

Deployment Begins \* 04/06/2021 12:00 AM (GMT-12:00) International Date Line West

App Delivery Method \* **Auto**  On Demand

Hide Notifications \* **Off**

Allow User Install Deferral \* **Off**

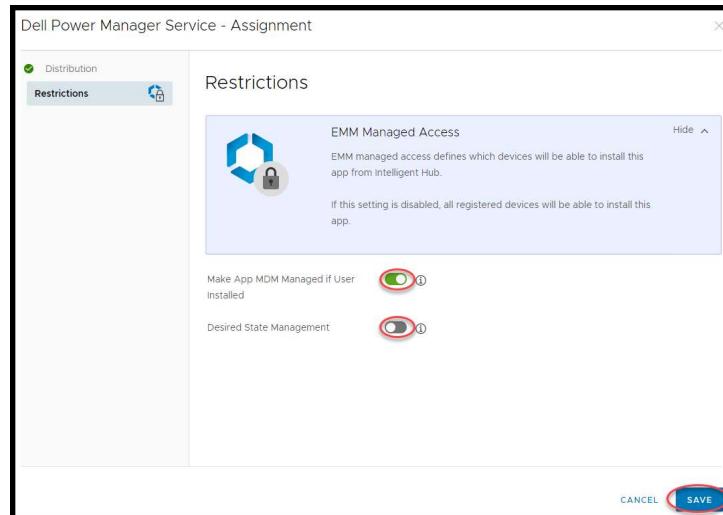
Display in App Catalog **On**

**CANCEL** **SAVE**

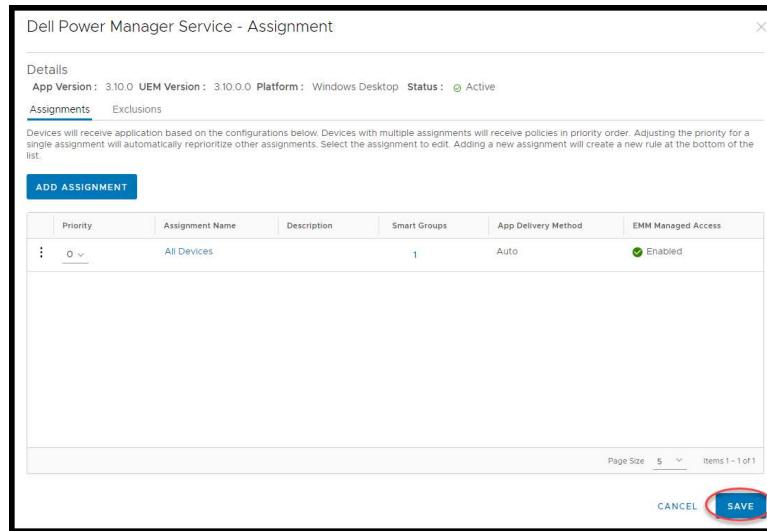
**Section 'Restrictions'**

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	Off

Click 'Save'

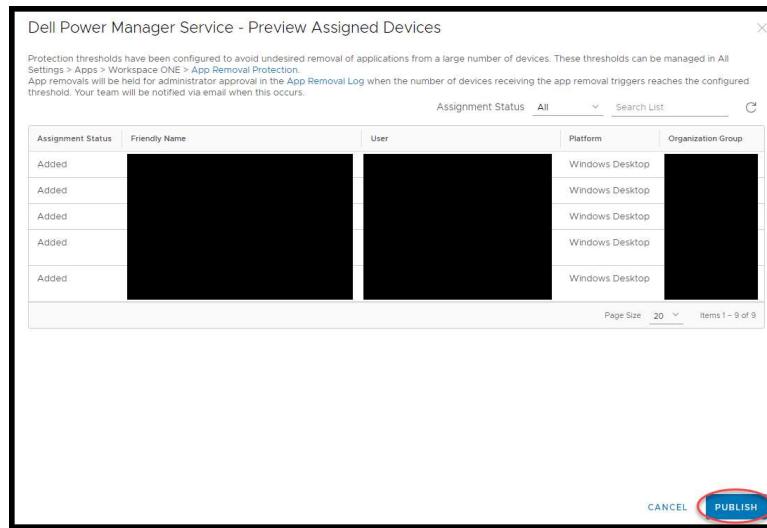


**Click 'Save'**



Cross check to ensure that this assignment matches to the correct devices.

**Click 'Publish'**



Ready to work.

The screenshot shows the 'Assignments' tab of the Dell Power Manager Service application interface. The page title is 'Dell Power Manager Service v 3.10.0'. The top navigation bar includes 'Edit', 'Assign', 'Add Version', and 'More'. Below the navigation, there are tabs for 'Summary', 'Details', 'Devices', 'Assignment' (which is selected), 'Files', and 'More'. The 'Assignment' tab has two sub-tabs: 'Assignments' (selected) and 'Exclusions'. A table below lists one assignment entry:

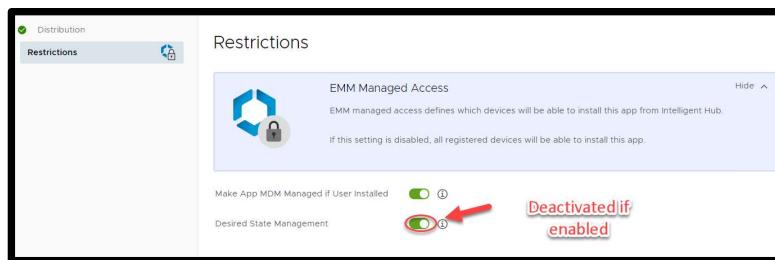
Priority	Assignment Name	Description	Smart Groups	App Delivery Method
0	All Devices		1	Auto

## Optional: Clean-Up Old Version Using a Dependency App

Workspace One offers the "Retire" option in the Details section if Workspace One identifies that an older version of the same installation is present. If you choose Retire, you can ignore this instruction. Otherwise, if you are using the Dell OEM Image or have deployed Dell Power Manager with other solutions, it could be that the MSI does not update the UWP App.

What does this mean? The Dell Power Manager Service will be run as another version (like V3.9) but the User interface will still be based upon Microsoft UWP standards and will be updated by the Microsoft Store. Normally the MSI make a sideload of the UWP App so the MS store is not needed, but in cases where you have an OEM Image with a Version - like 3.8 - and make a first deployment with Workspace One, the UWP App may not be updated. We recommend that you clean this up using a Dependency App.

**Note:** If you using this process please deactivate the 'Desired State' for main Application, otherwise you will have an install loop.

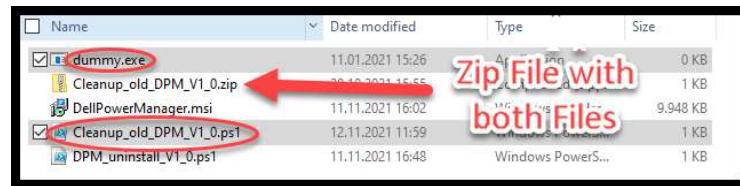


First, prepare a PowerShell Script to uninstall older Versions of Dell Power Manager.

Save the PowerShell Script as **Cleanup\_old\_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"  
}  
  
Else  
{  
    $App = Get-WmiObject -Class win32_product -Filter "Name like '%Dell Power Manager%'" | select -  
    ExpandProperty IdentifyingNumber  
    msexec.exe /x "$App" /qn  
    Start-Sleep -Seconds 20  
    Get-AppxPackage *DellPower* -AllUsers | Remove-AppxPackage -AllUsers  
    Start-Sleep -Seconds 15  
}
```

Workspace One need an Installer file as part of a Zip File. Generate a blanc document and save this as dummy.exe. Now Zip **Dummy.exe** and **Cleanup\_Old\_DPM\_V1\_0.ps1** to **Cleanup\_Old\_DPM\_V1\_0.zip**



Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'

The screenshot shows the Dell App Repository interface. On the left, there's a sidebar with 'APPS & BOOKS' selected. The main area is titled 'Applications' and shows a list of native applications. The 'Native' tab is highlighted. At the top right, there are buttons for 'ADD', 'EXPORT', and 'LAYOUT'. A dropdown menu for 'Application File' is open, with 'From Enterprise App Repository' selected. The list includes items like '7-Zip (x64)' and 'BIOS Thermal Profile Quiet'.

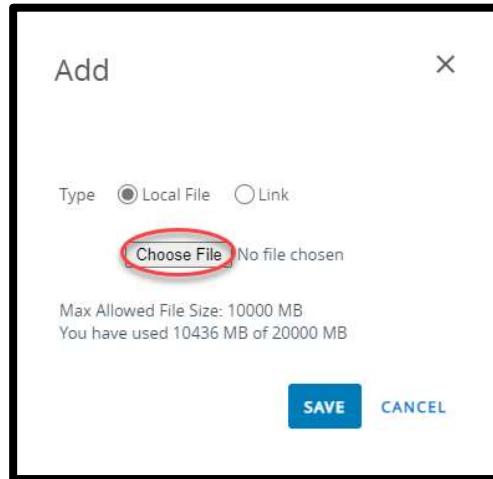
Upload the file to Workspace One.

Click 'Upload'

The screenshot shows the 'Add Application' form. It has fields for 'Organization Group ID\*' and 'Application File\*'. The 'Application File\*' field shows a file named '7-Zip (x64)'. The 'UPLOAD' button is highlighted with a red circle.

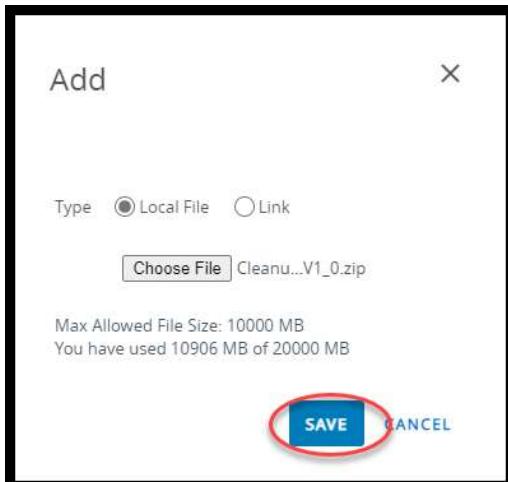
Click 'Choose File'

Select '**Cleanup\_old\_DPM\_V1\_0.zip**'



Click 'Save'

Upload the File **Cleanup\_old\_DPM\_V1\_0.zip** to the Console



Field	Value
Is this a dependency app	No

Click 'Continue'

Add Application

Organization Group ID \* [REDACTED]

Application File \* Cleanup\_old\_DPM\_V1\_0.zip

Is this a dependency app?  YES  NO

## Section 'Details'

Field	Value
Name	Cleanup Old Dell Power Manager
Supported Processor Architecture	64-bit

Add Application - Cleanup\_old\_DPM\_V1\_0.zip v 1.0.0.0

Internal | Managed By [REDACTED] | Application ID: {8fc080f-1239-465b-aa14-251fe58b163c}

Details    Files    Deployment Options    Images

Name \*  ⓘ

Managed By

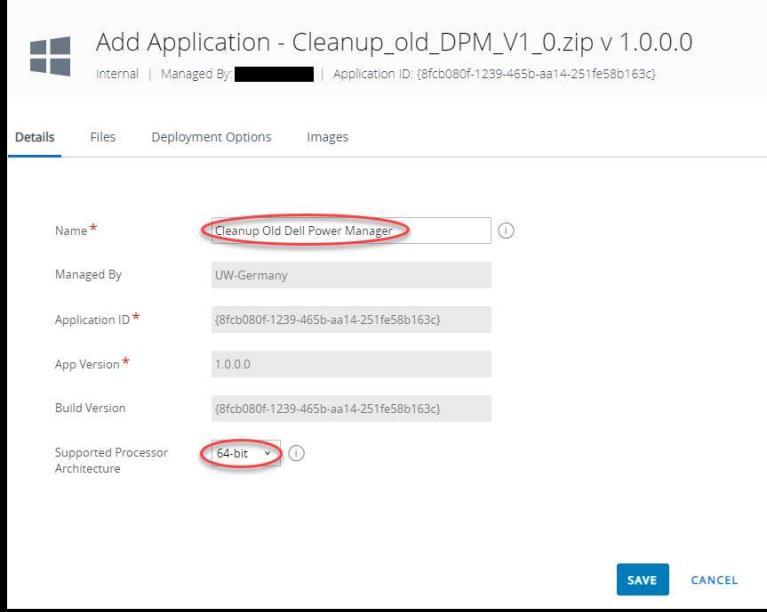
Application ID \*

App Version \*

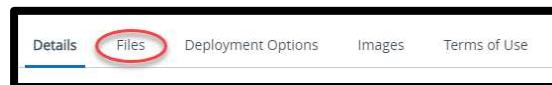
Build Version

Supported Processor Architecture  ⓘ

**SAVE**   **CANCEL**



## Section 'Files'



Add an uninstall script for Clean-Up Dell Power Manager.

## Section 'App Uninstall Process'

Field	Value
Custom Script Type	Input
Uninstall Command	.

**Note:** Uninstall Command is a mandatory field. It's does not need for this process but it could not empty.

A screenshot of a 'Add Application' dialog. At the top, it shows 'Add Application - Cleanup\_old\_DPM\_V1\_0.zip v 1.0.0.0'. Below that, it says 'Internal | Managed By: [REDACTED] Application ID: {0b812f9e-6146-484d-a493-42286784d5e0}'. The 'Files' tab is selected. In the 'App Uninstall Process' section, there is a note: 'Upload any scripts to identify the course of actions to be run to uninstall the application.' Below this, there is a 'Custom Script Type\*' dropdown with 'INPUT' selected (circled in red). There is also an 'Uninstall Command\*' input field containing a single dot ('.') (also circled in red). At the bottom right, there are 'SAVE' and 'CANCEL' buttons.

## Section 'Deployment'



## Section 'When to Call Install Complete'

Field	Value
Install Command	powershell -executionpolicy bypass -file Cleanup_old_DPM_V1_0.ps1
Identify Application By	Defining Criteria

Click 'Add'

Add Application - Cleanup\_old\_DPM\_V1\_0.zip v 1.0.0.0

Internal | Managed By: [REDACTED] | Application ID: {0b812f9e-6146-484d-a493-42286784d5e0}

Details    Deployment Options    Images

How To Install

Install Command \*  [+] [i]

Admin Privileges YES NO [i]

Installer Reboot Exit Code

Installer Success Exit Code

When To Call Install Complete

Identify Application By \* DEFINING CRITERIA USING CUSTOM SCRIPT [i]

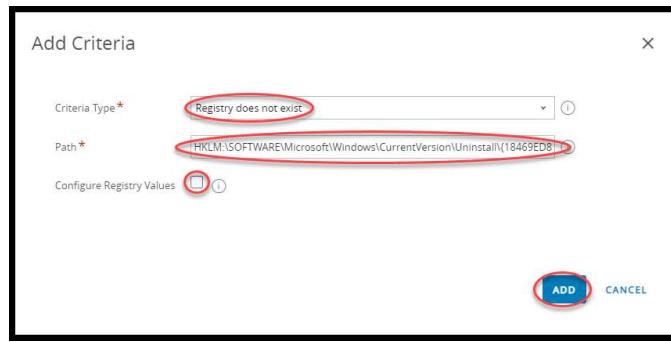
[i] ADD [i]

SAVE CANCEL

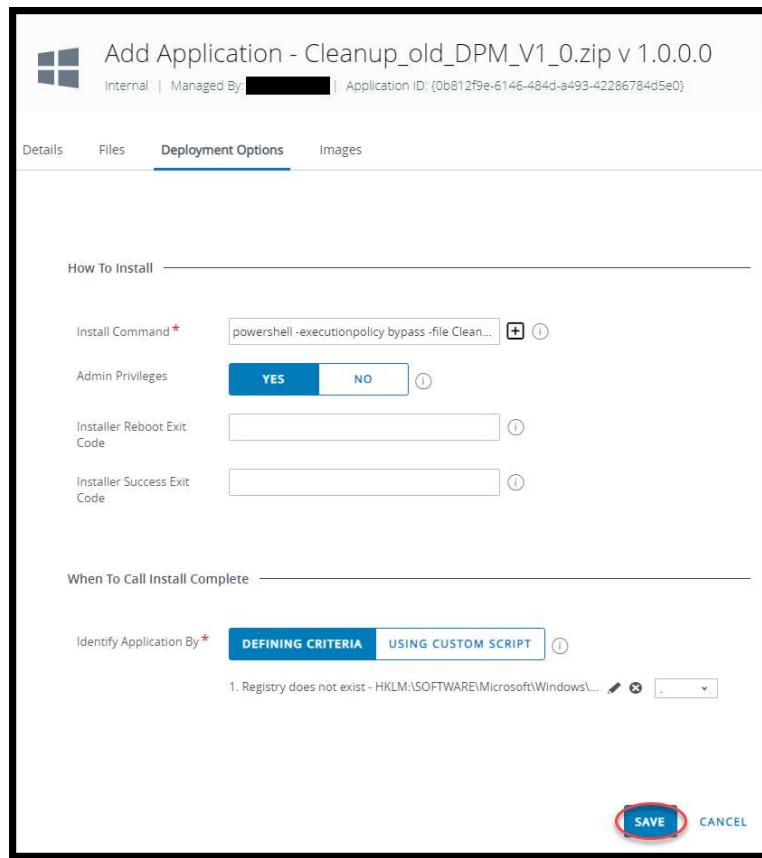
**Section 'Add Criteria'**

Field	Value
Criteria Type	Registry does not exist
Path	HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{18469ED8-8C36-4CF7-BD43-0FC9B1931AF8}
Configure Registry Values	<input checked="" type="checkbox"/>

Click 'Add'



Click 'Save'



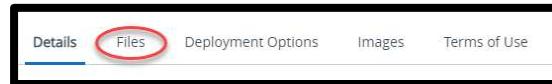
Add the Dependency App to the Dell Power Manager.

Click pencil icon.

The screenshot shows the Dell App and Profile Monitor interface. On the left, there's a sidebar with links like Overview, Intelligence, Admin Panel, App and Profile Monitor, Templates, and Reports and Analytics. The main area is titled "List View" and shows a table of applications. The table has columns for Icon, Name, and UEM Version. One row is expanded to show details for the "Dell Power Manager Service". The "Edit" icon (pencil) in the expanded row is circled in red.

Icon	Name	UEM Version
	Dell Power Manager Service	1 version(s)
<input type="radio"/>	Dell Power Manager Service	3.10.0.0

## Section 'Files'



## Section 'App Dependencies'

Field	Value
Select Dependent Applications	Cleanup Old Dell Power Manager

Click 'Save & Assign'

A screenshot of the 'Edit Application' page for 'Dell Power Manager Service v 3.10.0'. The 'Files' tab is selected. In the 'App Dependencies' section, there is a search bar with 'Cleanup Old Dell Power Manager' typed in. At the bottom right of the page, the 'SAVE & ASSIGN' button is circled in red.

Ready to use, do accept all Assignments without any changes.

## 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 Workspace One

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

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

If you want to use the Workspace One Profile for OEM 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. Workspace One OEM Update Profile supports the Dell Command | Update only. Please check to ensure that you download the correct version of installer.

**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.

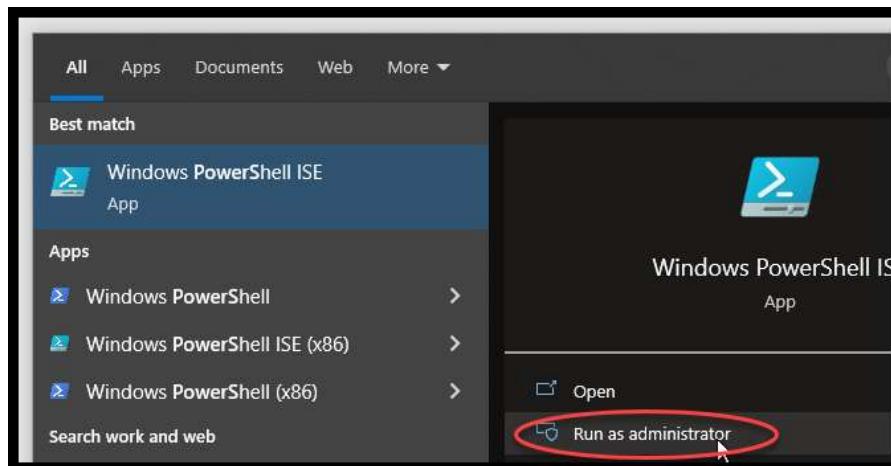
Double click on Installer 'Dell-Command-Update-Application\_PKGID\_WIN\_Version\_Rev.EXE'



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.

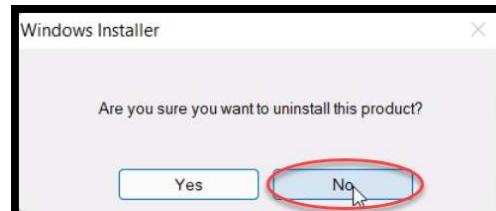


2. \folder\{Dell-Command-Update\_[VERSION] /PASSTHROUGH /X /B"[EXTRACTION PATH]"}

```
PS C:\Temp> .\dell-command-update-windows-universal-application_PWD0M_WIN_4.4.0_A00.exe /passthrough /x /b"C:\temp\dcu"
```

e.g. .\Dell-Command-Update\_windows-Universal-Application\_PWD0M\_WIN\_4.4.0\_A00.exe /passthrough /x /b"C:\temp\dcu"

3. Click 'No'



MSI extract of Dell Command Update is finished.



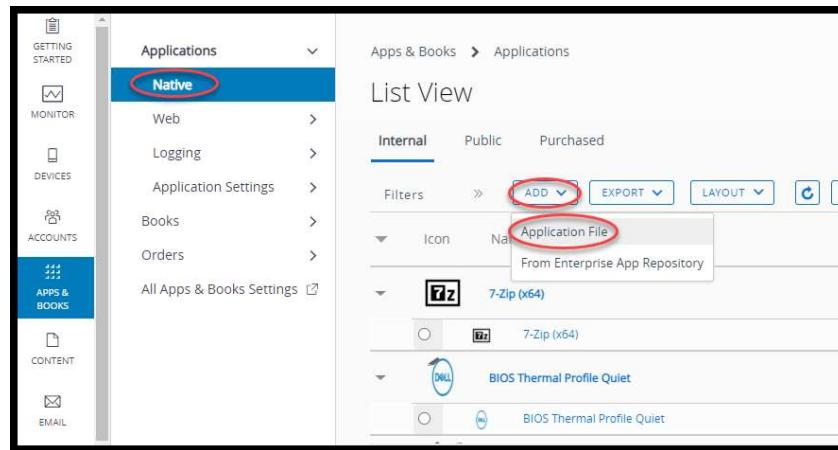
## Import and Deployment settings Dell Command | Update for Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



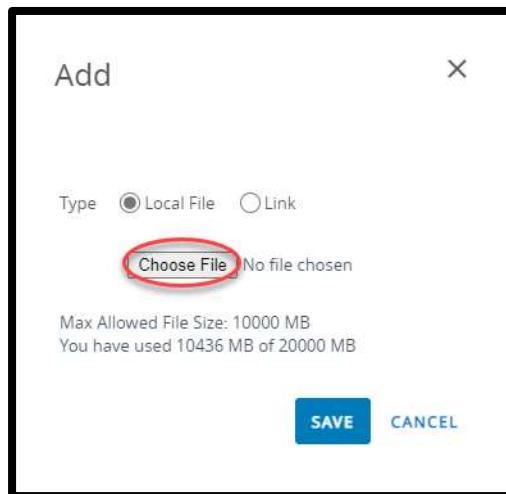
Upload the file to Workspace One.

Click 'Upload'



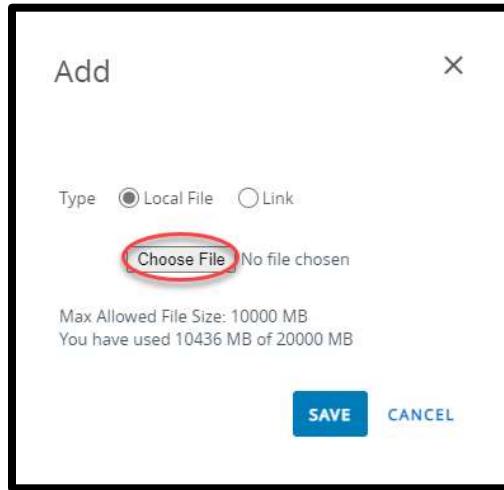
Click 'Choose File'

Select '**DellCommandUpdate.msi**'



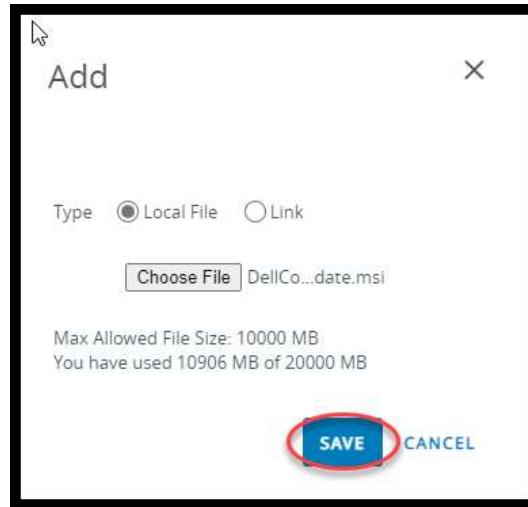
Click 'Save'

Upload the File **DellCommandUpdate.msi** to the Console



Click 'Save'

Upload the File **DellCommandUpdate.msi** to the Console



Field	Value
Is this a dependency app	No

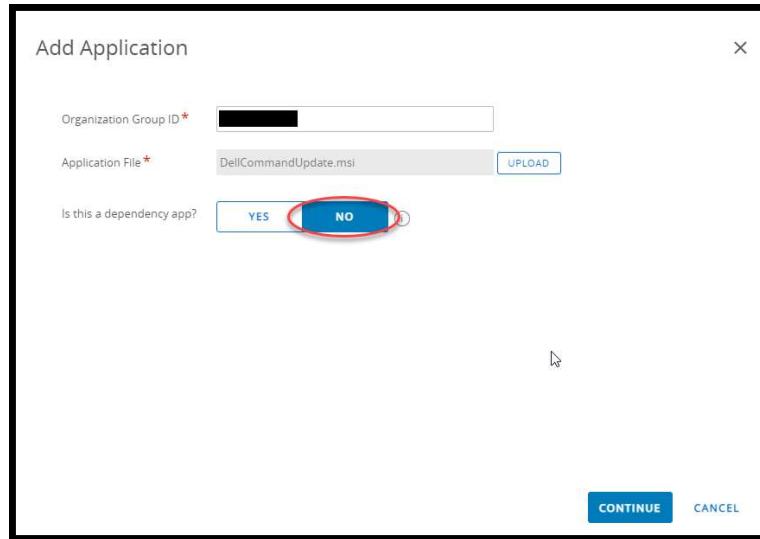
Click 'Continue'

Add Application

Organization Group ID\* [REDACTED]

Application File\* DellCommandUpdate.msi

Is this a dependency app?  YES  NO



## Section 'Details'

Details    Files    Deployment Options    Images    Terms of Use

No changes

Field	Value
Retire Previous Versions	<input checked="" type="checkbox"/>

**Note:** This option is only available if an older deployment package is still active.

Add Application - Dell Command | Update v 4.4.0  
Internal | Managed By: [REDACTED] | Application ID: {E9D40AD1-4E1D-46F2-B44A-F7E98338FCC7} | App Size: 21677...

Details    Files    Deployment Options    Images    Terms of Use

Name \* Dell Command | Update

Managed By [REDACTED]

Application ID \* {E9D40AD1-4E1D-46F2-B44A-F7E98338FCC7}

App Version \* 4.4.0

Build Version (4CD85DD3-A024-4409-A0F2-F70DE1E4A935)

Uploaded UEM Version 4 . 4 . 0 . 0

Latest Version 4 . 3 . 0 . 0

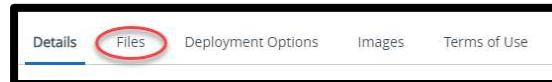
Retire Previous Versions  (circled)

Supported Processor Architecture 64-bit

Is Beta YES NO

SAVE & ASSIGN CANCEL

## Section 'Files'



No changes

## Section 'Deployment'



## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

The screenshot shows the 'Add Application - Dell Command | Update v 4.4.0' dialog box. The 'Deployment Options' tab is selected. The 'Install Command' field contains 'msiexec /i "DellCommandUpdate.msi" /qn'. The 'Admin Privileges' section has 'YES' selected. Under 'When To Call Install Complete', 'Use Additional Criteria' is set to 'YES' (circled in red) and 'Identify Application By' is set to 'DEFINING CRITERIA' (also circled in red). A 'DEFINING CRITERIA' button is also highlighted with a red circle. At the bottom right are 'SAVE & ASSIGN' and 'CANCEL' buttons.

## Section 'Add Criteria'

Field	Value
Criteria Type	Registry exists
Path	HKEY_LOCAL_MACHINE\SOFTWARE\DELL\UpdateService\Clients\CommandUpdate\Preferences\Settings
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	ProductVersion
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal 4.4.0 (Note: use version of Command Update)

Click 'Add'

**Note:** Please use "Greater than or equal to" rather than "Equal" as this allows Dell Command | Update to make updates of Dell Command | Update on its own. Otherwise, if you choose "Desired State Management" in the Assignment Part, Workspace One will reinstall the 4.4.0 Version again.

The screenshot shows the 'Add Criteria' dialog box. The fields and their values are as follows:

- Criteria Type: Registry exists
- Path: HKEY\_LOCAL\_MACHINE\SOFTWARE\DELL\UpdateService\Clients\CommandUpdate\Preferences\Settings
- Value Name: ProductVersion
- Value Type: String
- Value Data: Greater than or equal 4.4.0
- Configure Registry Values: Checked
- Configure Registry Data: Checked

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

Click 'Save & Assign'

Add Application - Dell Command | Update v 4.4.0

Internal | Managed By: [REDACTED] | Application ID: {E9D40AD1-4E1D-46F2-B44A-F7E98338FCC7} | App Size...

Details Files Deployment Options Images Terms of Use

Install Command\*: msieexec /i "DellCommandUpdate.msi" /qn  ⓘ

Admin Privileges:   ⓘ

Device Restart: Do not restart ⓘ

Retry Count\*: 3 ⓘ

Retry Interval\*: 5 ⓘ

Install Timeout\*: 60 ⓘ

Installer Reboot Exit Code: 1641 ⓘ

Installer Success Exit Code: 0 ⓘ

When To Call Install Complete: \_\_\_\_\_

Use Additional Criteria:   ⓘ

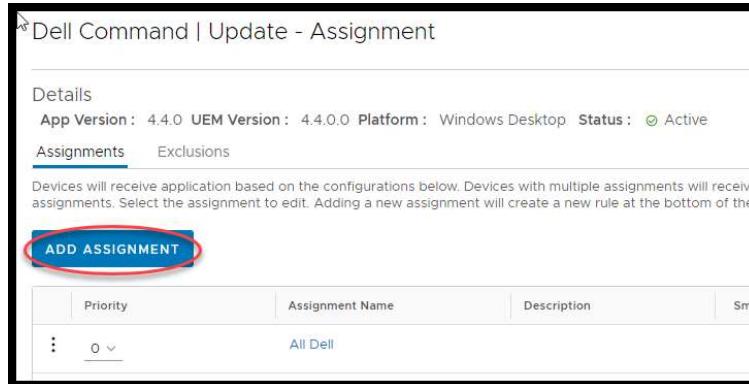
Identify Application By\*:   ⓘ

1. Registry exists - HKEY\_LOCAL\_MACHINE\SOFTWARE\DELLUpdateS...    ⓘ

## Section 'Assignment'

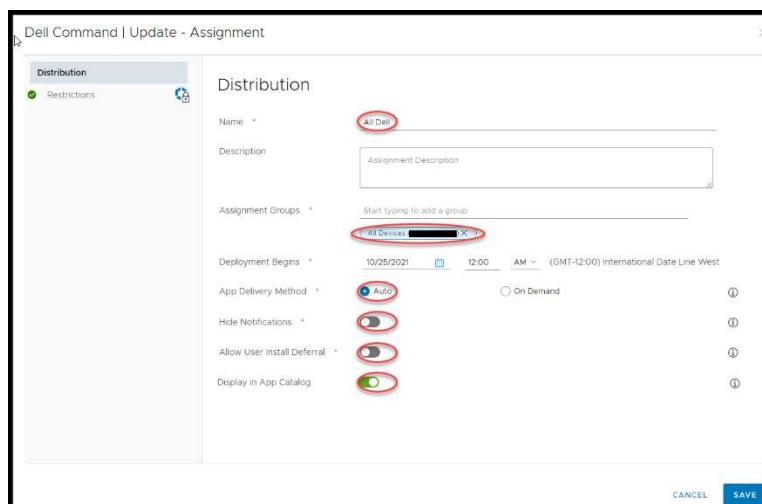
Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.



## Section 'Distribution'

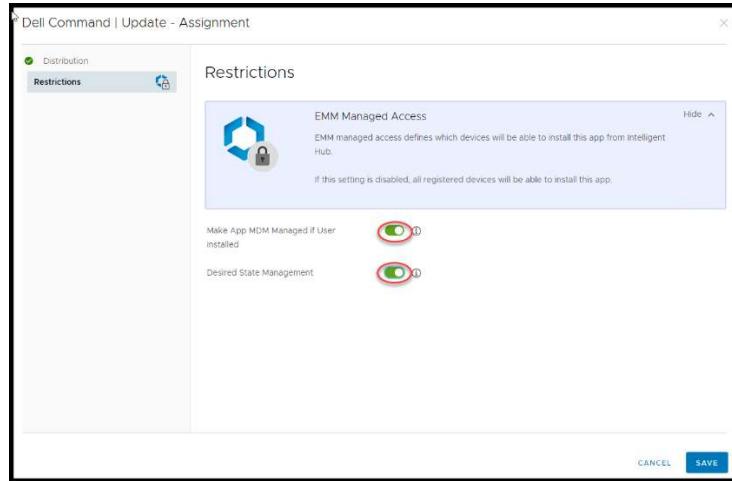
Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Command   Update supports only Dell devices (Latitude, Optiplex, Precision and mobile XPS), it makes sense to have a dynamic smart group which includes these devices only.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	Off
Allow User Install Deferral	Off
Display in App Catalog	On



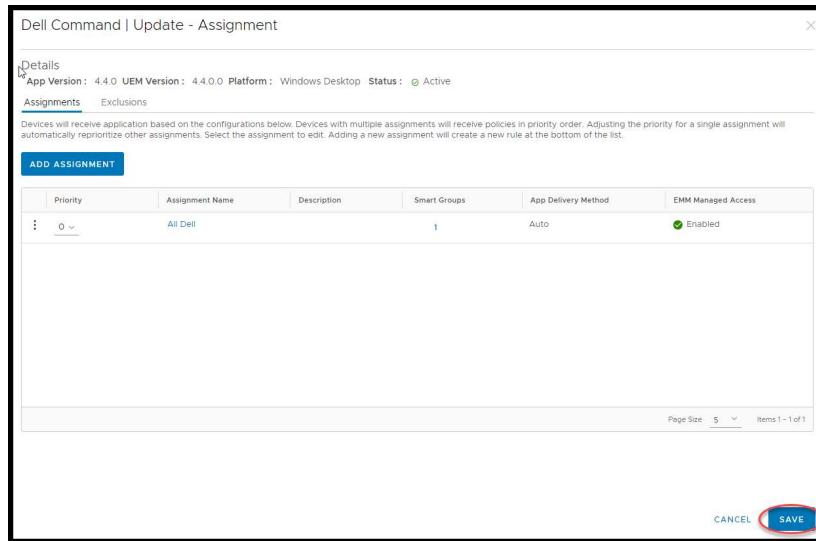
**Section ‘Restrictions’**

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	On

Click ‘Save’

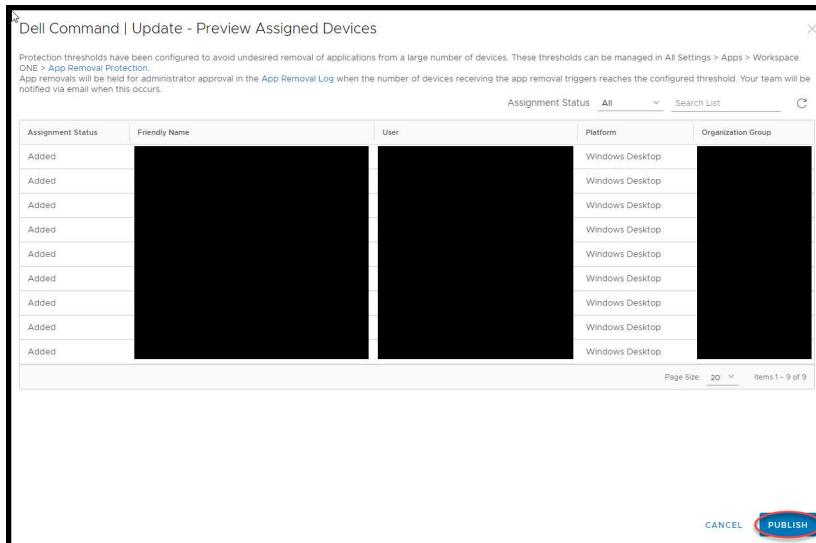


### Click 'Save'



Cross check to ensure that this assignment matches to the correct devices.

### Click 'Publish'



Ready to work.

The screenshot shows the 'Assignment' tab of the Dell Command | Update v 4.4.0 application details page. The page header includes 'Apps & Books' and 'Applications'. The application name is 'Dell Command | Update v 4.4.0' with a status of 'Active'. Below the header are tabs for 'Summary', 'Details', 'Devices', 'Assignment' (which is selected), 'Files', and 'More'. On the right side, there are buttons for 'EDIT', 'ASSIGN', 'ADD VERSION', and 'MORE'. The 'Assignment' section has two tabs: 'Assignments' (selected) and 'Exclusions'. A table below lists one assignment entry:

Priority	Assignment Name	Description	Smart Groups	App Delivery Method
0	All Dell		1	Auto

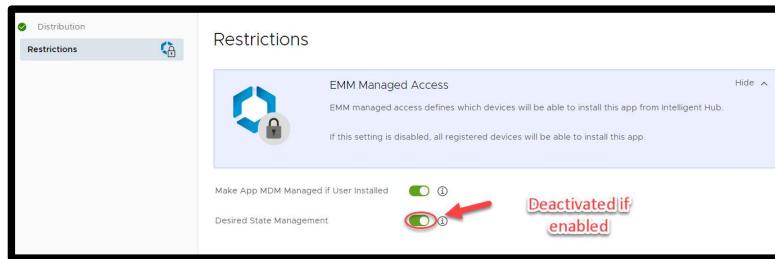
## Optional: Clean-Up Old Versions Using a Dependency App

Workspace One offers the "Retire" option in the Details section if Workspace One identifies that an older version of the same installation is present.

If you choose Retire, you can ignore this instruction. Otherwise, if you are using the Dell OEM Image or have deployed Dell Command | Update with other solutions, it could be the MSI Installer run in an error.

What does this mean? The Dell OEM Image includes the Universal App Version which cannot be updated by 32/64 Bit Installer. The 32/64 Bit version is the only version which is supported by Workspace One OEM Update Profile. We recommend that you clean the Universal App first before. You can deploy the script by Software package as Dependency App to solve this problem.

**Note:** If you are using this process please deactivate the 'Desired State' for main Application, otherwise you will have an install loop.



Prepare a PowerShell Script to uninstall older versions of Dell Command | Update. There are two options for Dell Command | Update available (legacy and UWP), and the script uninstall all versions.

Save the PowerShell Script as Cleanup\_old\_DCU\_32\_64\_V1\_0.ps1

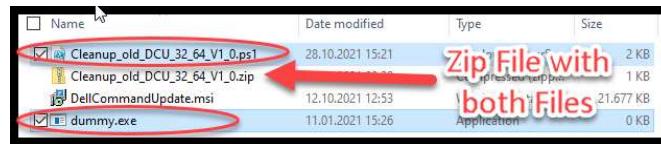
```
function Test-RegistryValue {
    param (
        [parameter(Mandatory=$true)]
        [ValidateNotNullOrEmpty()]$Path,
        [parameter(Mandatory=$true)]
        [ValidateNotNullOrEmpty()]$Value
    )
    try {
        Get-ItemProperty -Path $Path | Select-Object -ExpandProperty $Value -ErrorAction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

$RegKeyexist32 = Test-Path
'HKLM:\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{4CD85DD3-A024-4409-A0F2-F70DE1E4A935}'

if ($RegKeyexist32 -like "False")
{
    $RegKeyexist64 = Test-Path 'HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{4CCADC13-F3AE-454F-B724-33F6D4E52022}'

    if ($RegKeyexist64 -like "False")
    {
        Write-Output "No DCU"
    }
    Else
    {
        msieexec.exe /x "{4CCADC13-F3AE-454F-B724-33F6D4E52022}" /qn
        Start-Sleep -Seconds 20
        get-AppxPackage *DellCommandUpdate* -AllUsers | Remove-AppxPackage -AllUsers
        Start-Sleep -Seconds 10
    }
}
Else
{
    msieexec.exe /x "{4CD85DD3-A024-4409-A0F2-F70DE1E4A935}" /qn
    Start-Sleep -Seconds 10
}
```

Workspace One need an Installer file as part of a Zip File. Generate a blank document and save this as dummy.exe. Now Zip Dummy.exe and Cleanup\_old\_DCU\_32\_64\_V1\_0.ps1 to Cleanup\_old\_DCU\_32\_64\_V1\_0.zip



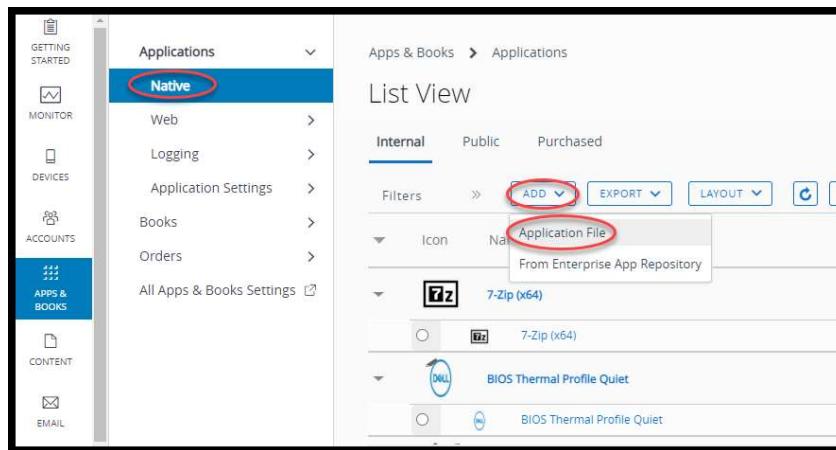
### Prepare the Dependency App in Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



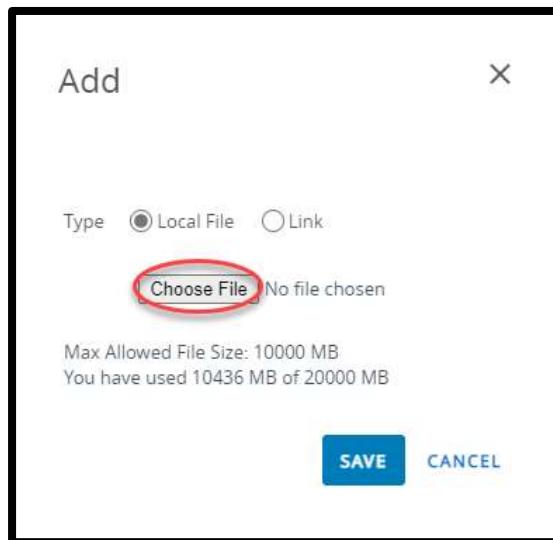
Upload the file to Workspace One.

Click 'Upload'

The screenshot shows a form titled 'Add Application'. It has two fields: 'Organization Group ID\*' with a red asterisk and 'Application File\*' with a red asterisk. The 'Application File' field contains a placeholder 'Choose File' and an 'UPLOAD' button, which is highlighted with a red oval.

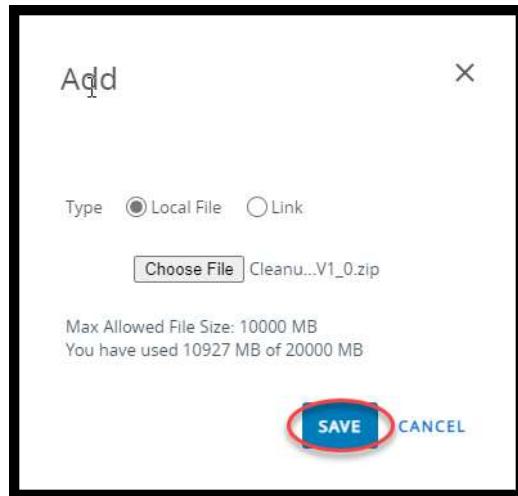
Click 'Choose File'

Select '**Cleanup\_old\_DCU\_32\_64\_V1\_0.zip**'



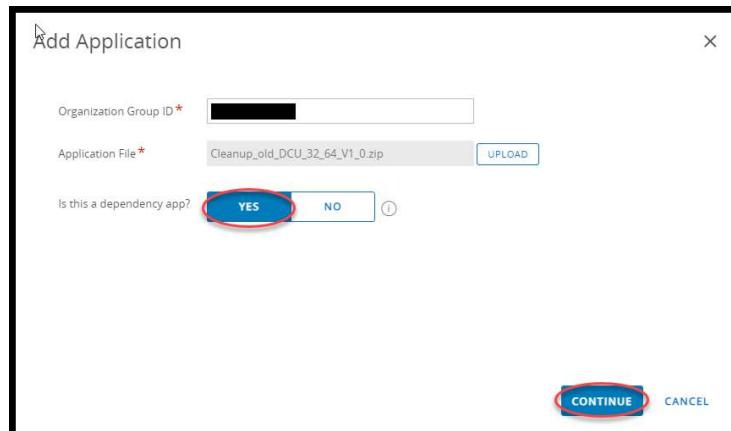
Click 'Save'

Upload the File **Cleanup\_old\_DCU\_32\_64\_V1\_0.zip** to the Console



Field	Value
Is this a dependency app	Yes

Click 'Continue'



## Section 'Details'

Details    Files    Deployment Options    Images    Terms of Use

Field	Value
Name	Cleanup Old Dell Command   Update 32/64/UWP
Supported Processor Architecture	32-bit

Add Application - Cleanup\_old\_DCU\_32\_64\_V1\_0.zip v 1....

Internal | Managed By [REDACTED] | Application ID: {410f94c2-3640-4fd6-88c7-5bcfa29ac56b}

Details    Files    Deployment Options    Images

Name \*  ⓘ

Managed By

Application ID \*

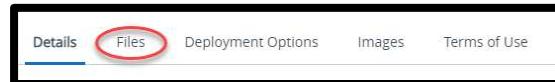
App Version \*

Build Version

Supported Processor Architecture  ⓘ

**SAVE**    **CANCEL**

## Section 'Files'



Add an uninstall script for Dell Command | Update.

## Section 'App Uninstall Process'

Field	Value
Custom Script Type	Input
Uninstall Command	.

**Note:** Uninstall Command is a mandatory field. It's does not need for this process but it could not empty.

A screenshot of a web-based application interface showing the 'App Uninstall Process' configuration screen. The screen includes fields for 'Application File' (set to 'Cleanup\_old\_DCU\_32\_64\_V1\_0.zip'), 'Custom Script Type' (set to 'INPUT' and highlighted with a red circle), and 'Uninstall Command' (empty). A note indicates that the 'Uninstall Command' field is mandatory. Buttons for 'SAVE' and 'CANCEL' are at the bottom right.

## Section 'Deployment'

The screenshot shows a horizontal navigation bar with five tabs: Details, Files, Deployment Options, Images, and Terms of Use. The 'Deployment Options' tab is circled in red.

Field	Value
Install Command	powershell -executionpolicy bypass -file Cleanup_old_DCU_32_64_V1_0.ps1

## Section 'When to Call Install Complete'

Field	Value
Identify Application By	Defining Criteria

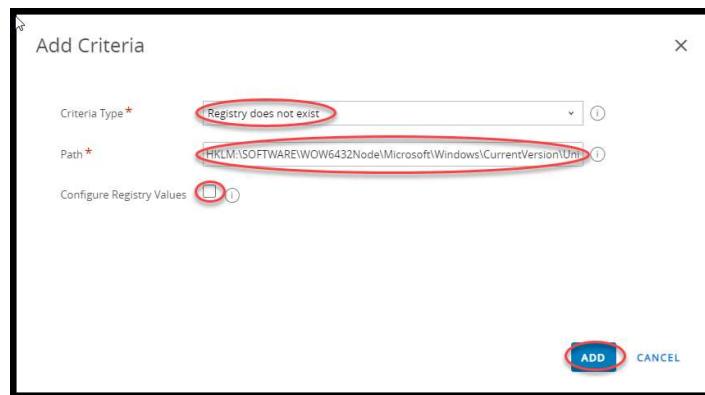
Click 'Add'

The screenshot shows the 'Add Application' dialog for 'Cleanup\_old\_DCU\_32\_64\_V1\_0.zip v 1....'. The 'Deployment Options' tab is selected. The 'Install Command' field contains the value 'powershell -executionpolicy bypass -file Clean...' and is circled in red. Below it, the 'When To Call Install Complete' section is also circled in red. In the 'Identify Application By' section, the 'DEFINING CRITERIA' button is circled in red, along with the 'ADD' button below it. At the bottom right are 'SAVE' and 'CANCEL' buttons.

**Section 'Add Criteria'**  
**32-Bit Version Check**

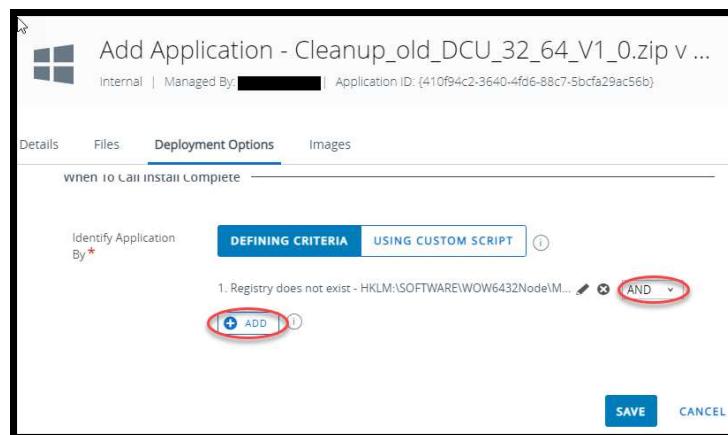
Field	Value
Criteria Type	Registry does not exist
Path	HKLM:\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{4CD85DD3-A024-4409-A0F2-F70DE1E4A935}
Configure Registry Values	<input checked="" type="checkbox"/>

Click 'Add'



Select 'AND'

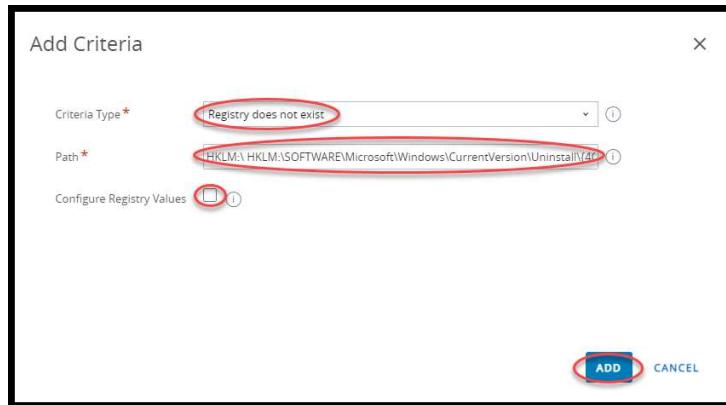
Click 'ADD'



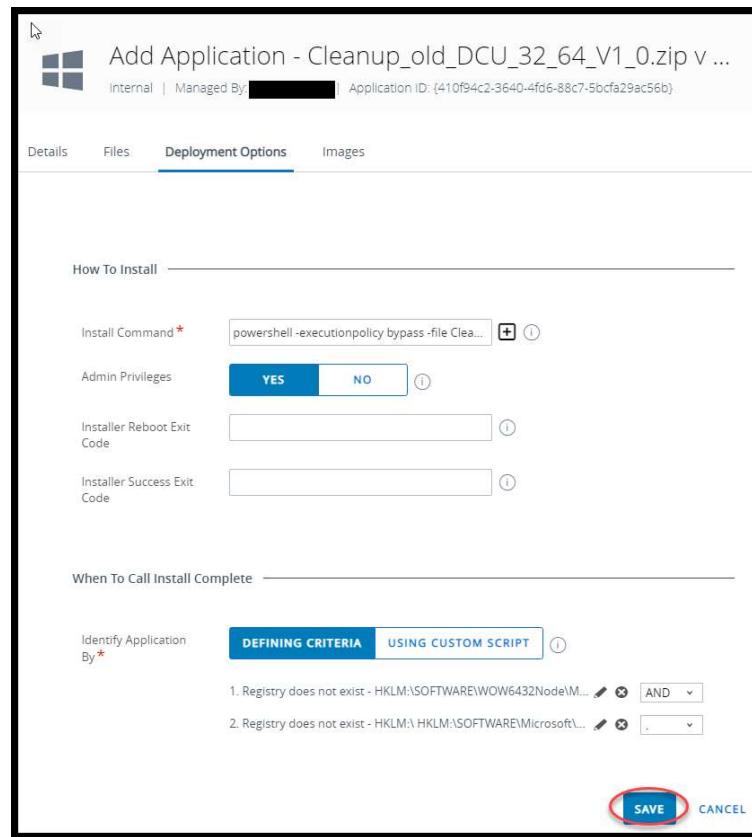
**Section 'Add Criteria'**  
**UWP Version Check**

Field	Value
Criteria Type	Registry does not exist
Path	Path = HKLM:\HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{4CCADC13-F3AE-454F-B724-33F6D4E52022}
Configure Registry Values	<input checked="" type="checkbox"/>

Click 'Add'



Click 'Save'



Add the Dependency App to the Dell Command | Update.

Click pencil icon.

The screenshot shows the 'Applications' section under 'Native'. The 'Dell Command | Update' application is listed with its icon and name. A red circle highlights the edit icon (pencil) located to the right of the application details.

Section 'Files'

The screenshot shows the 'Details' tab followed by the 'Files' tab, which is highlighted with a red circle. Other tabs include 'Deployment Options', 'Images', and 'Terms of Use'.

Section 'App Dependencies'

Field	Value
Select Dependent Applications	Cleanup Old Dell Command   Update 32/64/UWP

Click Save & Assign

The screenshot shows the 'Edit Application' dialog for 'Dell Command | Update v 4.4.0'. The 'Files' tab is selected. In the 'App Dependencies' section, a dropdown menu lists several applications, with 'Cleanup Old Dell Command | Update 32/64/UWP' highlighted with a red circle. At the bottom right, the 'SAVE & ASSIGN' button is also highlighted with a red circle.

Ready to use, do accept all Assignments without any changes.

## 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.

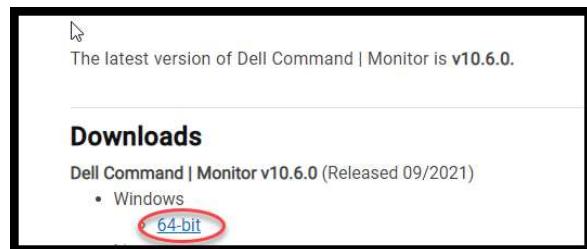
Dell Command | Monitor Reference Guide

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

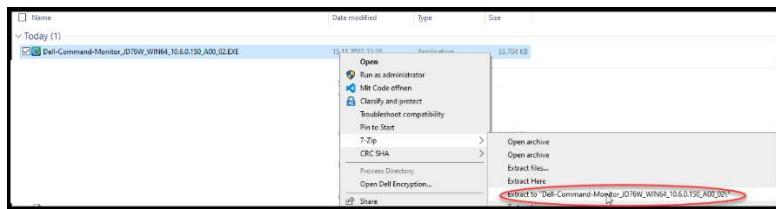
### Prepare Dell Command | Monitor for Workspace One

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 Workspace One.



## Import and Deployment settings Dell Command | Monitor for Workspace One

### Clean-Up Dependency App

Prepare a PowerShell Script for uninstall older Versions of Dell Command | Monitor. Otherwise, is could be the MSI installation does not run successful.

Save the PowerShell Script as Cleanup\_old\_DCM\_V1\_0.ps1

```

return $true
}

catch {
    return $false
}

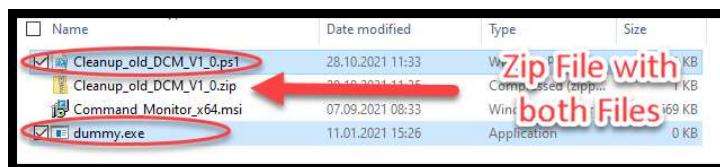
$RegKeyexist = Test-Path 'HKLM:SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{91E79414-DB41-4030-9A13-E133EE30F1D5}'

if ($RegKeyexist -like "False")
{
    Write-Output "No DCM"
}

Else
{
    msiexec.exe /x "{91E79414-DB41-4030-9A13-E133EE30F1D5}" /qn
    Start-Sleep -Seconds 10
}

```

Workspace One need an Installer file as part of a Zip File. Generate a blanc document and save this as dummy.exe. Now Zip **Dummy.exe** and **Cleanup\_old\_DCM\_V1\_0.ps1** to **Cleanup\_old\_DCM\_V1\_0.Zip**



## Import and Deployment settings Dell Command | Monitor for Workspace One

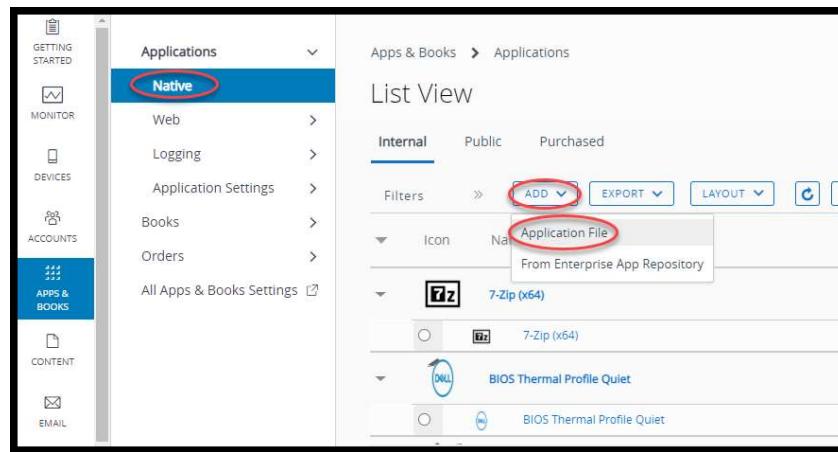
### Prepare Clean up Application

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



Upload the file to Workspace One.

Click 'Upload'

Add Application

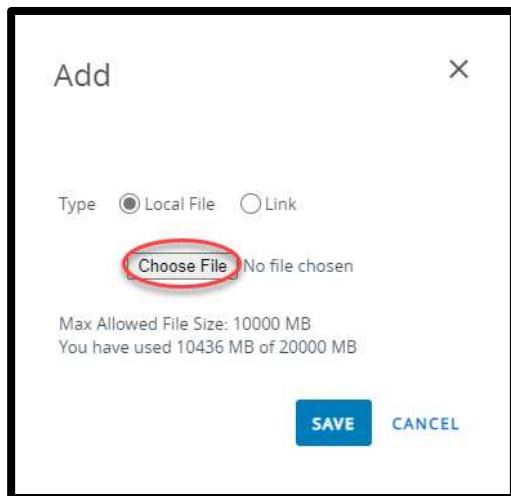
Organization Group ID \*

Application File \*

UPLOAD

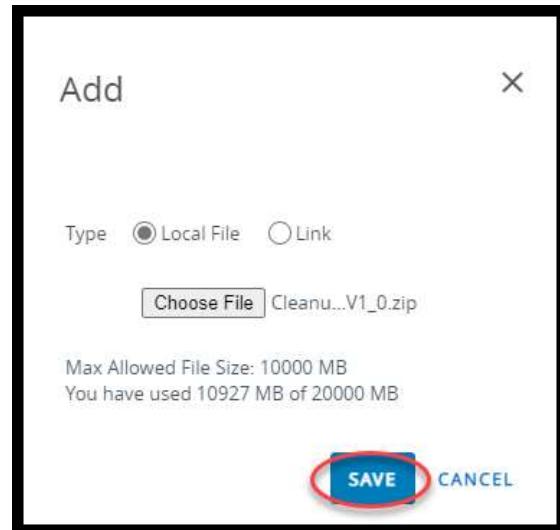
Click 'Choose File'

Select '**Cleanup\_old\_DCM\_V1\_0.Zip**'



Click 'Save'

Upload the File **Cleanup\_old\_DCM\_V1\_0.Zip** to the Console



Field	Value
Is this a dependency app	Yes

Click 'Continue'

The screenshot shows a modal dialog titled "Add Application". It contains fields for "Organization Group ID" (with a redacted value) and "Application File" (set to "Cleanup\_old\_DCM\_V1\_0.zip" with an "UPLOAD" button). Below these is a question "Is this a dependency app?" with two options: "YES" (selected and circled in red) and "NO". At the bottom are "CONTINUE" and "CANCEL" buttons, both of which are circled in red.

## Section 'Details'

Details    Files    Deployment Options    Images    Terms of Use

Field	Value
Name	Cleanup Old Dell Command   Monitor 1.0
Supported Process or Architecture	64-bit

Add Application - Cleanup\_old\_DCM\_V1\_0.zip v 1.0.0.0

Internal | Managed By: [REDACTED] | Application ID: {7f2bc3e1-3448-4171-b335-2c5d722d29d1}

Details    Files    Deployment Options    Images

Name\*  ⓘ

Managed By

Application ID\*

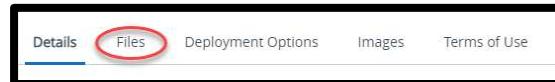
App Version\*

Build Version

Supported Processor  
Architecture  ⓘ

**SAVE**    **CANCEL**

## Section 'Files'



Add an uninstall script for Dell Command | Monitor.

## Section 'App Uninstall Process'

Field	Value
Custom Script Type	Input
Uninstall Command	.

**Note:** Uninstall Command is a mandatory field. It's does not need for this process but it could not empty.

A screenshot of a Windows-style application window titled 'Add Application - Cleanup\_old\_DCM\_V1\_0.zip v 1.0.0.0'. The window shows the 'Files' tab is selected. In the 'Custom Script Type' section, there is a dropdown menu with 'INPUT' highlighted and circled in red. Below it, the 'Uninstall Command' field is empty and also circled in red. There is a note above the command field: 'Upload any scripts to identify the course of actions to be run to uninstall the application.' At the bottom right are 'SAVE' and 'CANCEL' buttons.

## Section 'Deployment'

The screenshot shows a horizontal navigation bar with five tabs: Details, Files, Deployment Options, Images, and Terms of Use. The 'Deployment Options' tab is circled in red.

Field	Value
Install Command	powershell -executionpolicy bypass -file Cleanup_old_DCM_V1_0.ps1

## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

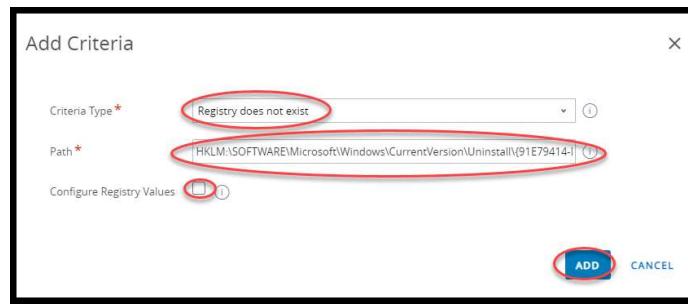
Click 'Add'

The screenshot shows the 'Add Application' dialog for 'Cleanup\_old\_DCM\_V1\_0.zip v 1.0.0.0'. The 'Deployment Options' tab is selected. In the 'Install Command' field, the value 'powershell -executionpolicy bypass -file Clean' is entered and circled in red. Below it, 'Admin Privileges' has 'YES' selected. Under 'When To Call Install Complete', there is a section for 'Identify Application By' with two options: 'DEFINING CRITERIA' (which is circled in red) and 'USING CUSTOM SCRIPT'. A blue 'ADD' button is highlighted with a red circle at the bottom left of this section. At the bottom right, there are 'SAVE' and 'CANCEL' buttons.

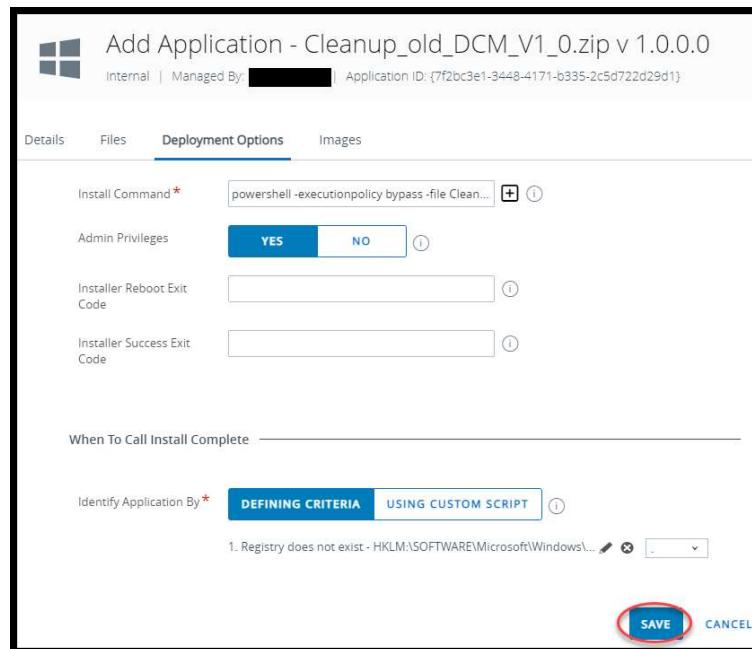
**Section 'Add Criteria'**

Field	Value
Criteria Type	Registry does not exist
Path	HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{91E79414-DB41-4030-9A13-E133EE30F1D5}
Configure Registry Values	<input checked="" type="checkbox"/>

Click 'Add'



Click 'Save'



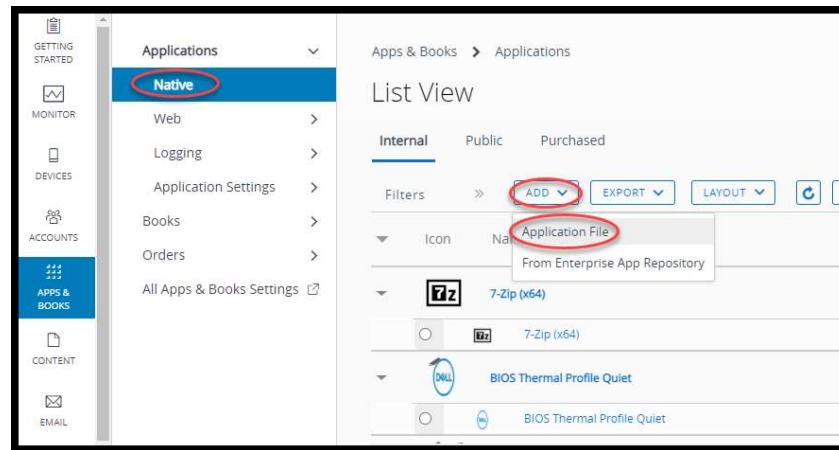
## Upload Dell Command | Monitor

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



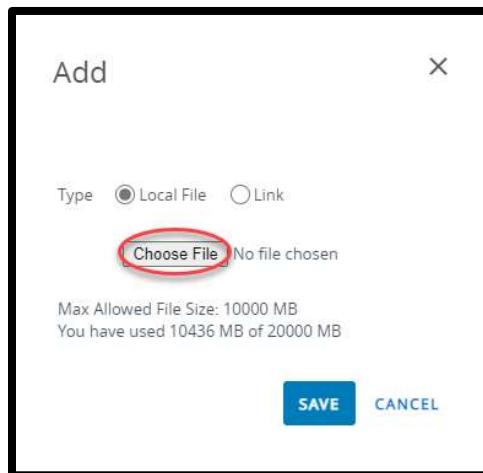
Upload the file to Workspace One.

Click 'Upload'

The screenshot shows a form titled 'Add Application'. It has two fields: 'Organization Group ID\*' with a red asterisk and 'Application File\*' with a red asterisk. Below the 'Application File' field is a button labeled 'UPLOAD' which is circled in red.

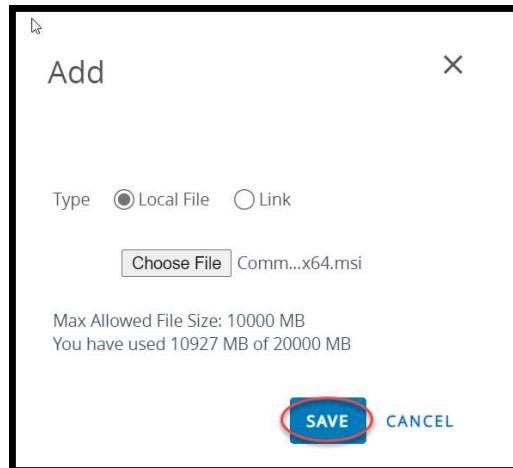
Click 'Choose File'

Select '**Command\_Monitor\_x64.msi**'



Click 'Save'

Upload the File **Command\_Monitor\_x64.msi** to the Console



Field	Value
Is this a dependency app	No

Click 'Continue'

The screenshot shows the 'Add Application' dialog box. It contains fields for 'Organization Group ID' (with a blacked-out value) and 'Application File' (set to 'Command\_Monitor\_x64.msi'). Below these, a question 'Is this a dependency app?' has two options: 'YES' and 'NO'. The 'NO' button is highlighted with a red oval. At the bottom right, there are 'CONTINUE' and 'CANCEL' buttons, also enclosed in a red oval.

## Section 'Details'



No changes

Field	Value
Retire Previous Versions	<input checked="" type="checkbox"/>

**Note:** This option is only available if an older deployment package is still active.

Add Application - Dell Command | Monitor v 10.6.0.150  
Internal | Managed By: [REDACTED] | Application ID: (8328B75B-B7BF-42AA-93E7-293158535969) | App Size: 29668 KB

Details    Files    Deployment Options    Images    Terms of Use

Name\* Dell Command | Monitor

Managed By [REDACTED]

Application ID\* (8328B75B-B7BF-42AA-93E7-293158535969)

App Version\* 10.6.0.150

Build Version (91E79414-DB41-4030-9A13-E132EE30F1D5)

Uploaded UEM Version 10 . 6 . 0 . 150

Latest Version 10 . 5 . 1 . 114

Retire Previous Versions

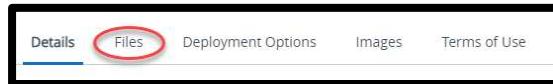
Supported Processor Architecture 64-bit

Is Beta YES NO

Update Notifications NOTIFY NONE

**SAVE & ASSIGN** **CANCEL**

## Section 'Files'



Add the dependency App to this App.

## Section 'App Dependencies'

Field	Value
Select Dependent Applications	Cleanup Old Dell Command   Monitor 1.0

Click 'Upload or Change'

**Note:** The field is first called 'Upload' and later when changes are made to the software package 'Change'

A screenshot of a software dialog box titled 'Add Application - Dell Command | Monitor v 10.6.0.150'. The dialog shows the following fields:

- Application File\*: Command\_Monitor\_x64.msi
- App Dependencies:
  - Select Dependent Applications: A search input field containing 'Cleanup Old Dell Command | Monitor 1.0' (circled in red).
  - Start typing to add a dependent application: A placeholder text.
- App Transforms: A section with a plus sign.

At the bottom right are 'SAVE & ASSIGN' and 'CANCEL' buttons.

## Section 'Deployment'

The screenshot shows a navigation bar with tabs: Details, Files, Deployment Options (which is circled in red), Images, and Terms of Use.

Field	Value
Install Command	msiexec /i "Command_Monitor_x64.msi" /qn REBOOT=R

**Note:** There are situations where the MSI starts a Reboot immediate. REBOOT=R suppresses the boot.

## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

The screenshot shows the 'Add Application' dialog for Dell Command | Monitor. The 'Deployment Options' tab is active. Key fields shown include:

- Install Command: msiexec /i "Command\_Monitor\_x64.msi" /qn REBO... (highlighted)
- Admin Privileges: YES (highlighted)
- Device Restart: Do not restart
- Retry Count: 3
- Retry Interval: 5
- Install Timeout: 60
- Installer Reboot Exit Code: 1641
- Installer Success Exit Code: 0

In the 'When To Call Install Complete' section:

- Use Additional Criteria: YES (highlighted)
- Identify Application By: DEFINING CRITERIA (highlighted)
- + ADD (highlighted)

Buttons at the bottom: SAVE & ASSIGN, CANCEL.

## Section 'Add Criteria'

Field	Value
Criteria Type	Registry exists
Path	HKEY_LOCAL_MACHINE\SOFTWARE\Dell Computer Corporation\OpenManage\Applications\Client
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	Version
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal 10.6.0.150 (Note: use version of Command Monitor)

Click 'Add'

The screenshot shows the 'Add Criteria' dialog box. The fields and their values are:

- Criteria Type: Registry exists
- Path: HKEY\_LOCAL\_MACHINE\SOFTWARE\Dell Computer Corporation\OpenManage\Applications\Client
- Configure Registry Values:
- Value Name: Version
- Value Type: String
- Configure Registry Data:
- Value Data: Greater than or equal 10.6.0.150

The 'ADD' button at the bottom right is circled in red.

**Click 'Save & Assign'**

Add Application - Dell Command | Monitor v 10.6.0.150

Internal | Managed By [REDACTED] Application ID: (8328758-B7BF-42AA-93E7-293158535969) | App Size: 29668 KB

Details Files Deployment Options Images Terms of Use

Install Context: DEVICE USER ⓘ

Install Command\*: msieexec /i "Command\_Monitor\_x64.msi" /qn REBOOT=R ⓘ

Admin Privileges: YES NO ⓘ

Device Restart: Do not restart ⓘ

Retry Count\*: 3 ⓘ

Retry Interval\*: 5 ⓘ

Install Timeout\*: 60 ⓘ

Installer Reboot Exit Code: 1641 ⓘ

Installer Success Exit Code: 0 ⓘ

When To Call Install Complete:

Use Additional Criteria: YES NO ⓘ

Identify Application By\*: DEFINING CRITERIA USING CUSTOM SCRIPT ⓘ

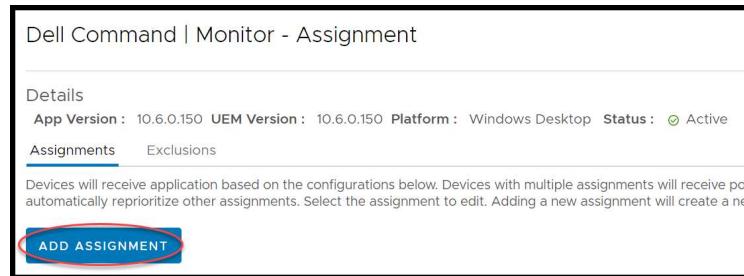
1. Registry exists - HKEY\_LOCAL\_MACHINE\SOFTWARE\Dell Computer Corporation\OpenManageApp... ⓘ

**SAVE & ASSIGN** CANCEL

## Section 'Assignment'

Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.



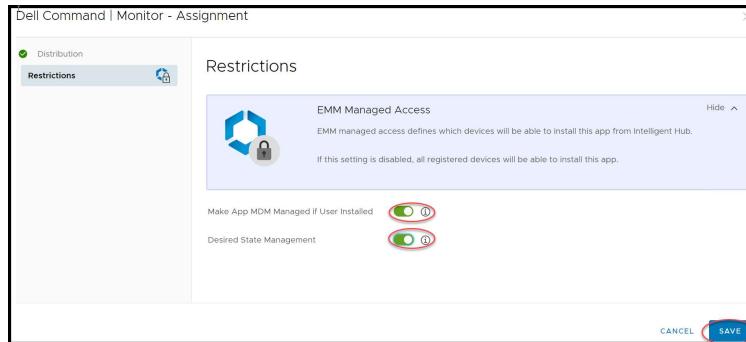
## Section 'Distribution'

Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Command Monitor supports only Dell devices (Latitude, Optiplex, Precision and mobile XPS), it makes sense to have a dynamic smart group which includes these devices only.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	Off
Allow User Install Deferral	Off
Display in App Catalog	Off

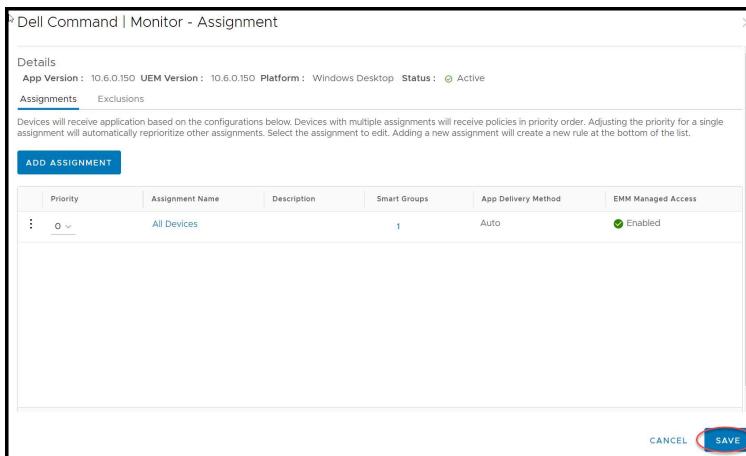
## Section ‘Restrictions’

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	On

Click ‘Save’

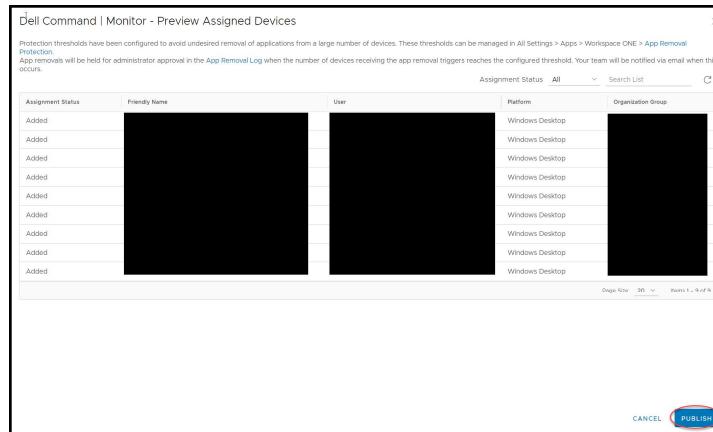


Click ‘Save’

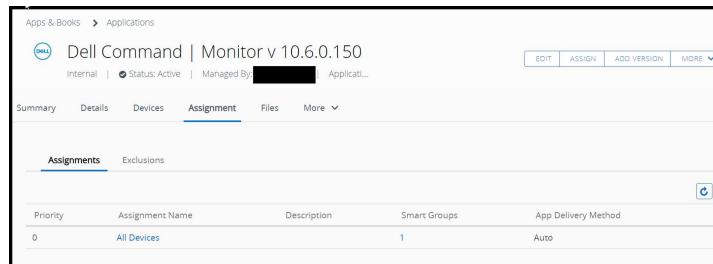


Cross check to ensure that this assignment matches to the correct devices.

Click 'Publish'



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

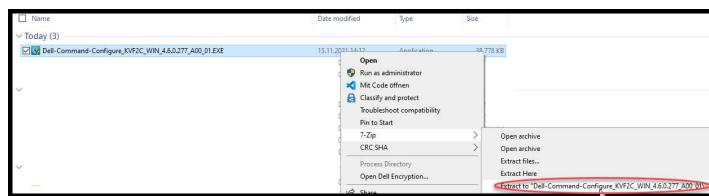
<https://www.dell.com/support/home/en-us/product-support/product/command-configure/docs>

## Prepare Dell Command | Configure for Workspace One

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 Workspace One.



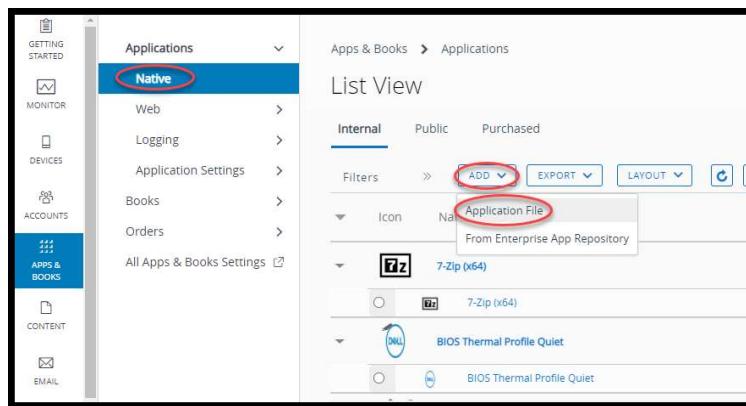
## Import and Deployment settings Dell Command | Configure for Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



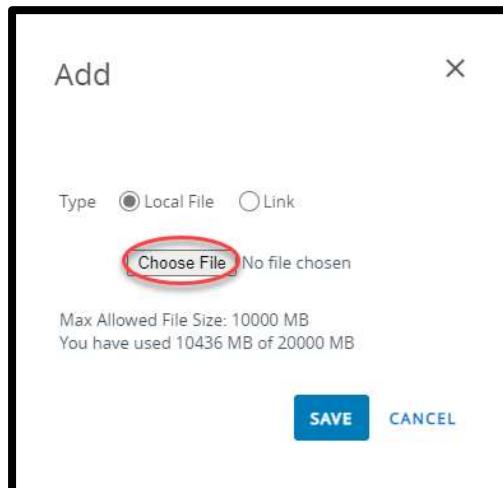
Upload the file to Workspace One.

Click 'Upload'



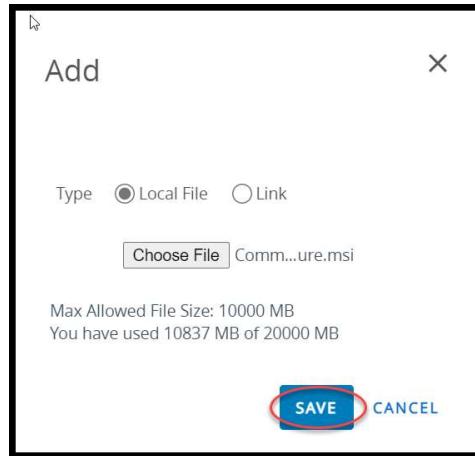
Click 'Choose File'

Select '**Command\_Configure.msi**'



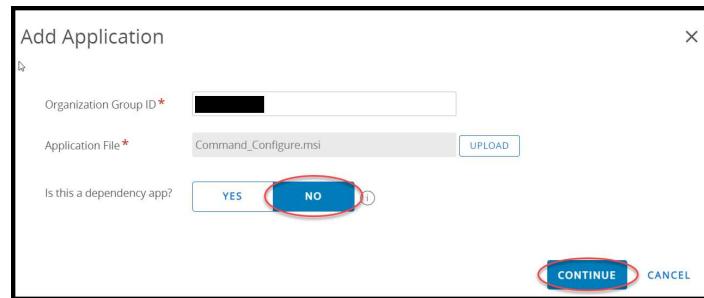
Click 'Save'

Upload the File **Command\_Configure.msi** to the Console



Field	Value
Is this a dependency app	No

Click 'Continue'



## Section 'Details'



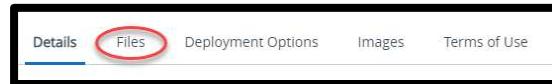
No changes

Field	Value
Retire Previous Versions	<input checked="" type="checkbox"/>

**Note:** This option is only available if an older deployment package is still active.

The screenshot shows the 'Add Application' form for Dell Command | Configure version 4.6.0.277. The 'Details' tab is selected. The 'Retire Previous Versions' checkbox is checked and highlighted with a red circle. Other fields include Name (Dell Command | Configure), Managed By (redacted), Application ID (9EB81A47-E2B0-4B1D-A3EA-B268211F73BD), App Version (4.6.0.277), Build Version (DF3680A9-B4C6-48D1-ACEF-0FF00446314), Uploaded UEM Version (4.6.0.277), Latest Version (4.5.0.205), and Supported Processor (32-bit). The 'SAVE & ASSIGN' button is at the bottom right.

## Section 'Files'



No changes

## Section 'Deployment'



## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

Add Application - Dell Command | Configure v 4.6.0.277

Internal | Managed By: [REDACTED] | Application ID: {9EBB1A47-E2B0-4B1D-A3EA-B268211F738D} | App Size: 37682 KB

Details Files Deployment Options Images Terms of Use

Install Context: DEVICE

Install Command\*: msieexec /i "Command\_Configure.msi" /qn

Admin Privileges: YES

Device Restart: Do not restart

Retry Count\*: 3

Retry Interval\*: 5

Install Timeout\*: 60

Installer Reboot Exit Code: 1641

Installer Success Exit Code: 0

When To Call Install Complete

Use Additional Criteria: YES

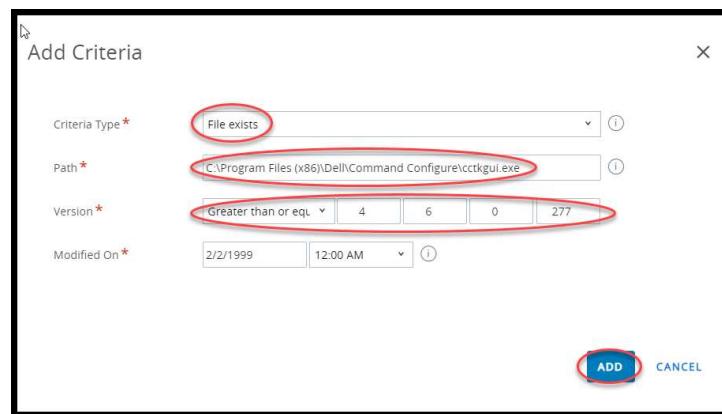
Identify Application By\*: DEFINING CRITERIA

SAVE & ASSIGN CANCEL

**Section 'Add Criteria'**

Field	Value
Criteria Type	File exists
Path	C:\Program Files (x86)\Dell\Command Configure\cctkgui.exe
Version	Greater than or equal 4 6 0 277 (Note: use version of Command Configure)
Modified On	default

Click 'Add'



Click 'Save & Assign'

Add Application - Dell Command | Configure v 4.6.0.277

Dell Command | Configure | Managed By [REDACTED] Application ID: (9EB81A47-E2B0-4B1D-A9EA-B268211F73BD) | App Size: 37682 KB

Details Files Deployment Options Images Terms of Use

Install Command \* msieexec /i "Command\_Configure.msi" /qn

Admin Privileges YES NO ⓘ

Device Restart Do not restart ⓘ

Retry Count \* 3 ⓘ

Retry Interval \* 5 ⓘ

Install Timeout \* 60 ⓘ

Installer Reboot Exit Code 1641 ⓘ

Installer Success Exit Code 0 ⓘ

When To Call Install Complete

Use Additional Criteria YES NO ⓘ

Identify Application By \*

DEFINING CRITERIA USING CUSTOM SCRIPT ⓘ

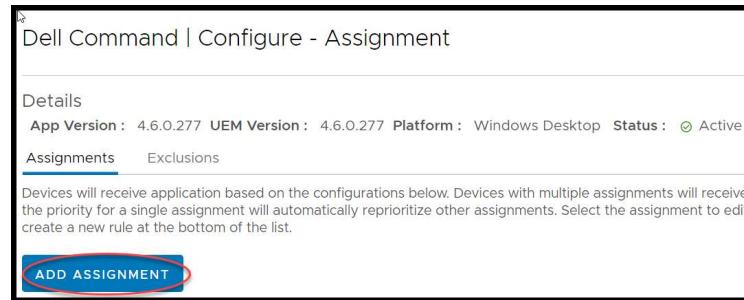
1. File exists - C:\Program Files (x86)\Dell\Command Configure\cctkgui.exe - 4.6.0.277

SAVE & ASSIGN CANCEL

## Section 'Assignment'

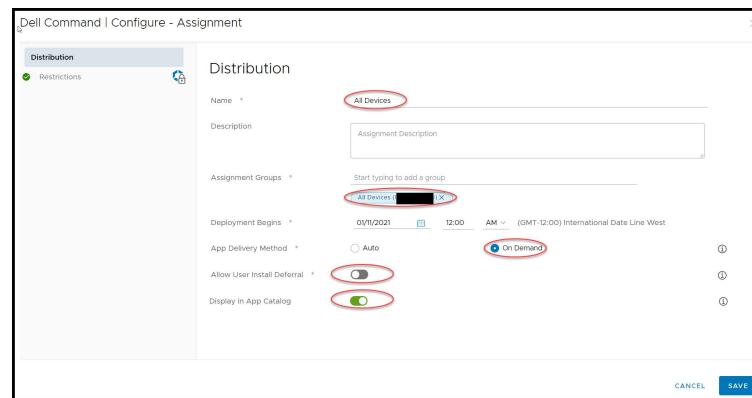
Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.



## Section 'Distribution'

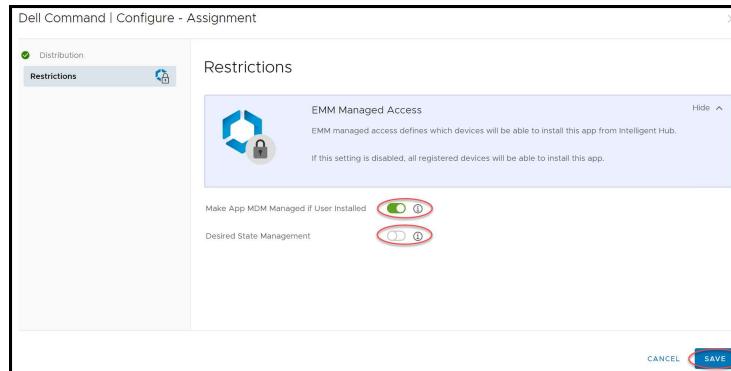
Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Command   Configure is only supported on Latitude, Optiplex, Precision and mobile XPS. This App is only for BIOS configuration and does not need to install on all devices.
Deployment Begins	When you plan to deploy this application
App Delivery Method	On Demand
Allow User Install Deferral	Off
Display in App Catalog	On



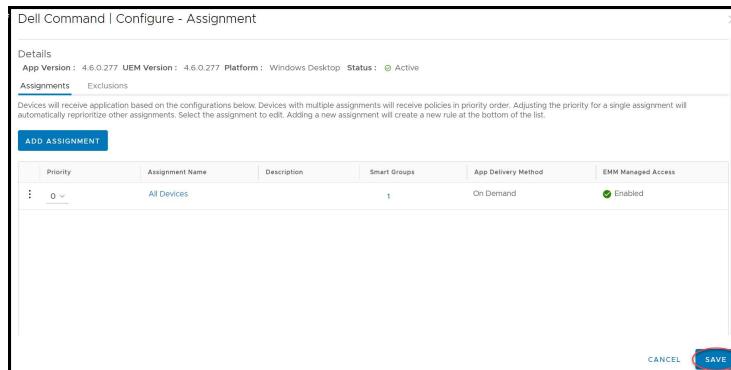
## Section ‘Restrictions’

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	Off

Click ‘Save’

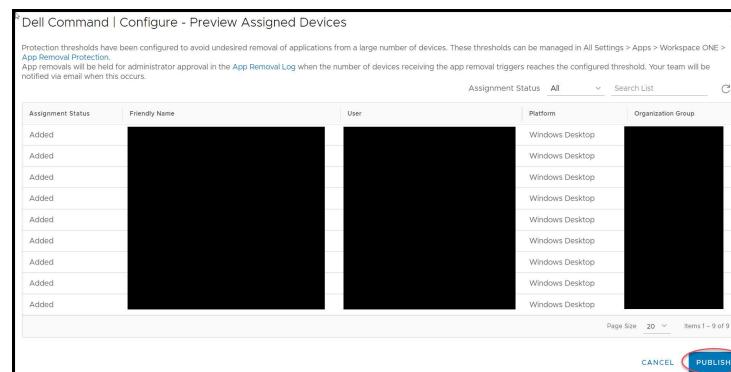


Click ‘Save’



Cross check to ensure that this assignment matches to the correct devices.

Click ‘Publish’



Ready to work.

The screenshot shows a software interface titled "Dell Command | Configure v 4.6.0.277". At the top, there are tabs for "Summary", "Details", "Devices", "Assignment" (which is underlined, indicating it is the active tab), "Files", and "More". Below the tabs, there are two sub-tabs: "Assignments" (underlined) and "Exclusions". A table displays assignment details:

Priority	Assignment Name	Description	Smart Groups	App Delivery Method
0	All Devices		1	On Demand

## 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 Workspace One

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.



## Prepare 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
```

Workspace One need an Installer file as part of a Zip File. Zip ddmsetup.exe and DDM\_Install\_V1\_0.ps1 to ddmsetup.zip



The Deployment file is now ready for upload to Workspace One.

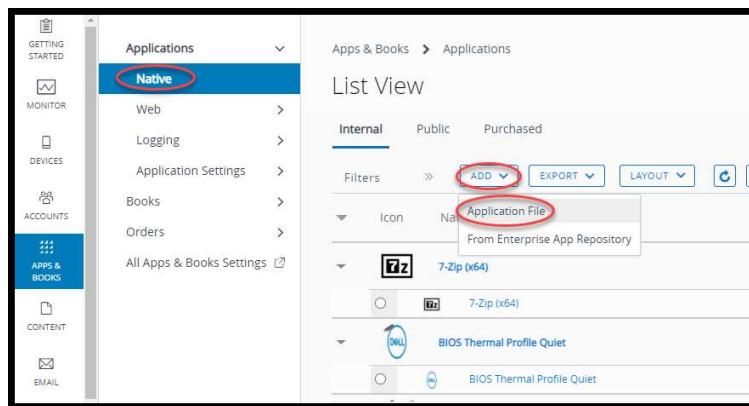
## Import and Deployment settings Dell Display Manager for Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

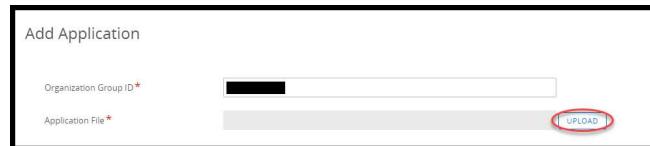
Click 'Add'

Click 'Application File'



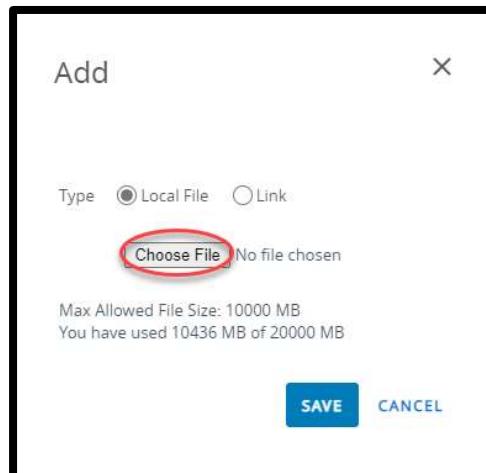
Upload the file to Workspace One.

Click 'Upload'



Click 'Choose File'

Select 'ddmsetup.zip'



Click 'Save'

Upload the File **ddmsetup.zip** to the Console

The screenshot shows a 'Add' dialog box. At the top left is a back arrow and the word 'Add'. At the top right is a close button ('X'). Below the title are two radio buttons: 'Type' (selected) 'Local File' and 'Link'. A 'Choose File' button shows 'ddmsetup.zip'. Below it, text indicates 'Max Allowed File Size: 10000 MB' and 'You have used 10867 MB of 20000 MB'. At the bottom are 'SAVE' and 'CANCEL' buttons, with 'SAVE' highlighted by a red oval.

Field	Value
Is this a dependency app	No

Click 'Continue'

The screenshot shows an 'Add Application' dialog box. At the top left is a back arrow and the title 'Add Application'. At the top right is a close button ('X'). There are two input fields: 'Organization Group ID \*' with a redacted value and 'Application File \*' containing 'ddmsetup.zip' with an 'UPLOAD' button next to it. Below these is a question 'Is this a dependency app?' with 'YES' and 'NO' buttons, where 'NO' is highlighted by a red oval. At the bottom are 'CONTINUE' and 'CANCEL' buttons, with 'CONTINUE' highlighted by a red oval.

## Section 'Details'

Details    Files    Deployment Options    Images    Terms of Use

Field	Value
Name	Dell Display Manager
App Version	1.54.0.2068 (Note: use version of Display Manager)
Supported Processor Architecture	32-bit

Add Application - ddmsetup.zip v 1.0.0.0

Internal | Managed By: [REDACTED] | Application ID: {8d9e78dd-a8b2-4692-80d6-a1c9e9d2c658}

Details    Files    Deployment Options    Images    Terms of Use

Name \* Dell Display Manager

Managed By [REDACTED]

Application ID \* {8d9e78dd-a8b2-4692-80d6-a1c9e9d2c658}

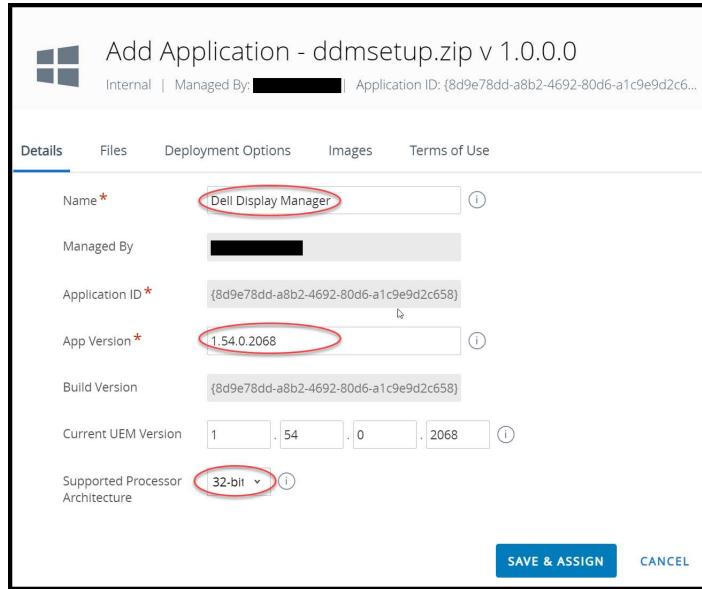
App Version \* 1.54.0.2068

Build Version {8d9e78dd-a8b2-4692-80d6-a1c9e9d2c658}

Current UEM Version 1 . 54 . 0 . 2068

Supported Processor Architecture 32-bit

**SAVE & ASSIGN**    CANCEL



## Section 'Files'



Add an uninstall script for Dell Display Manager.

## Section 'App Uninstall Process'

Field	Value
Use Custom Script for MSI	Yes
Custom Script Type	Upload

Click 'Upload or Change'

**Note:** The field is first called 'Upload' and later when changes are made to the software package 'Change'

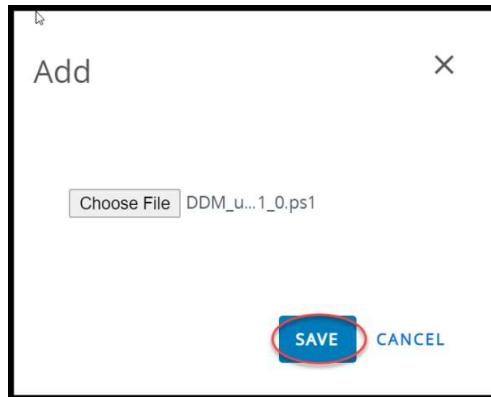
The screenshot shows the 'Add Application' dialog box for 'ddmsetup.zip v 1.0.0.0'. The 'Deployment Options' tab is selected. Key fields highlighted with red circles are:

- Install Command \***: powershell -executionpolicy bypass -file DDM\_Install\_V1\_0.ps1
- When To Call Install Complete**
- Identify Application By \***: DEFINING CRITERIA (highlighted)
- ADD** (highlighted)

Other visible fields include Admin Privileges (YES selected), Device Restart (Do not restart), Retry Count (3), Retry Interval (5), Install Timeout (60), Installer Reboot Exit Code, and Installer Success Exit Code.

Choose the uninstall script, **DDM\_Uninstall\_V1\_0.ps1**

Click 'Save'



Field	Value
Uninstall Command	powershell -executionpolicy bypass -file DDM_Uninstall.ps1

## Section 'Deployment'

The screenshot shows a navigation bar with tabs: Details, Files, Deployment Options (which is circled in red), Images, and Terms of Use.

Field	Value
Install Command	powershell -executionpolicy bypass -file DDM_Install_V1_0.ps1

## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

The screenshot shows the 'Add Application' dialog for 'ddmsetup.zip v 1.0.0.0'. The 'Deployment Options' tab is selected. The 'Install Command' field contains the value 'powershell -executionpolicy bypass -file DDM\_Install\_V1\_0.ps1'. The 'When To Call Install Complete' section is circled in red. Below it, the 'Identify Application By' dropdown is set to 'DEFINING CRITERIA', and the 'ADD' button next to it is also circled in red.

## Section 'Add Criteria'

Field	Value
Criteria Type	Registry exists
Path	HKLM\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{AC50C05D-9D57-40F5-B2EF-AC402F14312B}_is1
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	DisplayVersion
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal 1.54.2068 (Note: use version of Display Manager)

Click 'Add'

Add Criteria

Criteria Type \* Registry exists

Path \* HKLM\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{AC50C05D-9D57-40F5-B2EF-AC402F14312B}\_is1

Configure Registry Values

Value Name DisplayVersion

Value Type String

Configure Registry Data

Value Data Greater than or equal 1.54.2068

ADD CANCEL

Click 'Save and Assign'

The screenshot shows the 'Deployment Options' tab of the 'Add Application' configuration interface. Key settings include:

- Install Command:** powershell -executionpolicy bypass -file DDM\_Install\_V1.0.ps1
- Admin Privileges:** YES (selected)
- Device Restart:** Do not restart
- Retry Count:** 3
- Retry Interval:** 5
- Install Timeout:** 60
- Installer Reboot Exit Code:** (empty)
- Installer Success Exit Code:** (empty)

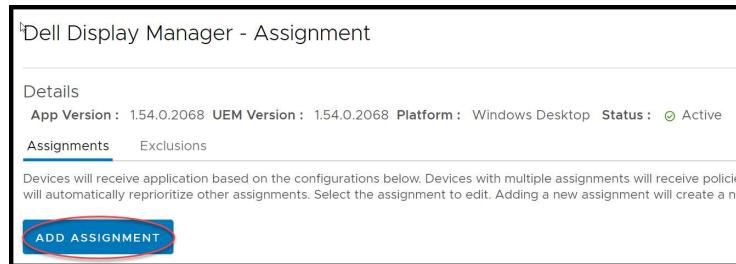
In the 'When To Call Install Complete' section, the 'DEFINING CRITERIA' tab is selected, showing the criterion: 1. Registry exists - HKLM\Software\WOW6432Node\Microsoft\Windows\CurrentVersion\U... (with a script editor icon).

At the bottom right, the 'SAVE & ASSIGN' button is circled in red.

## Section 'Assignment'

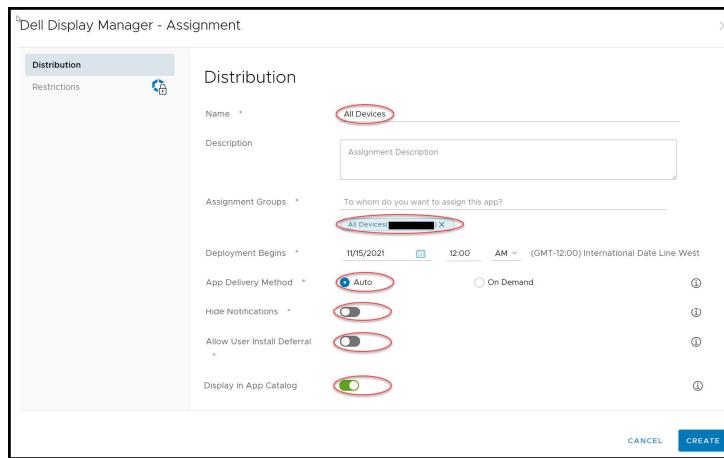
Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.



## Section 'Distribution'

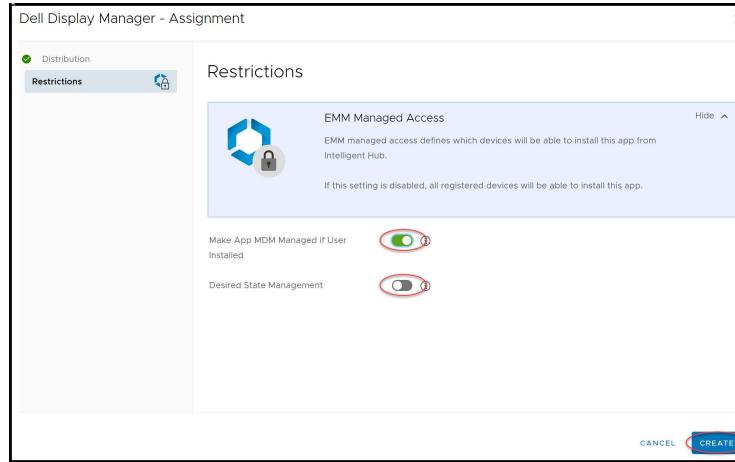
Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Display Manager supports only Dell Displays, it makes sense to have a dynamic smart group which includes these devices only.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	Off
Allow User Install Deferral	Off
Display in App Catalog	On



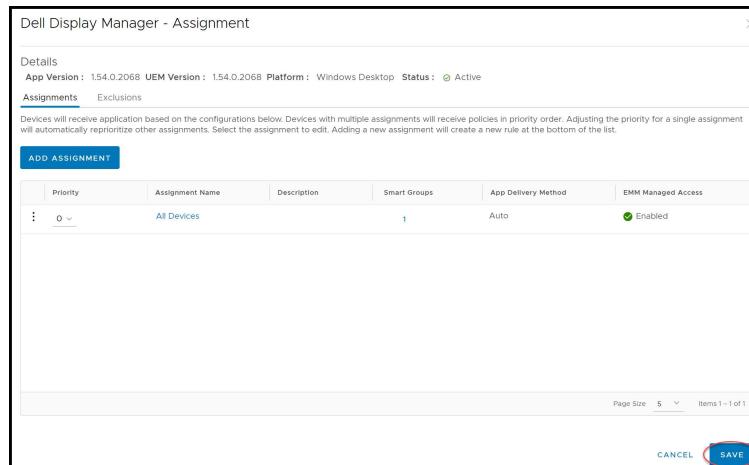
## Section ‘Restrictions’

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	Off

Click ‘Create/Save’

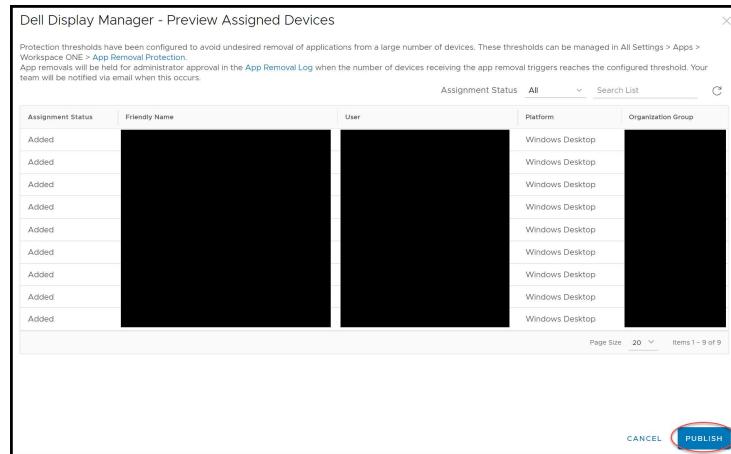


Click ‘Save’

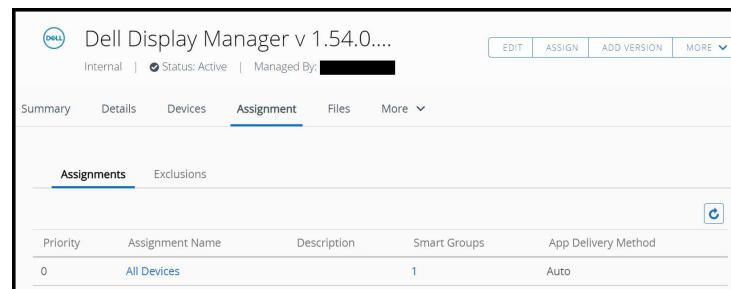


Cross check to ensure that this assignment matches to the correct devices.

Click 'Publish'



Ready to work.



## Dell SupportAssist for Business PCs

### Introduction

Dell SupportAssist is a proactive and predictive technology that provides automated technical support for 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 the service plan, when an issue is detected, SupportAssist automatically opens a support case with technical support and sends an email notification.

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

SupportAssist enables you to optimize PCs by removing unwanted files, optimizing network settings, tuning-up system performance, and removing virus 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.

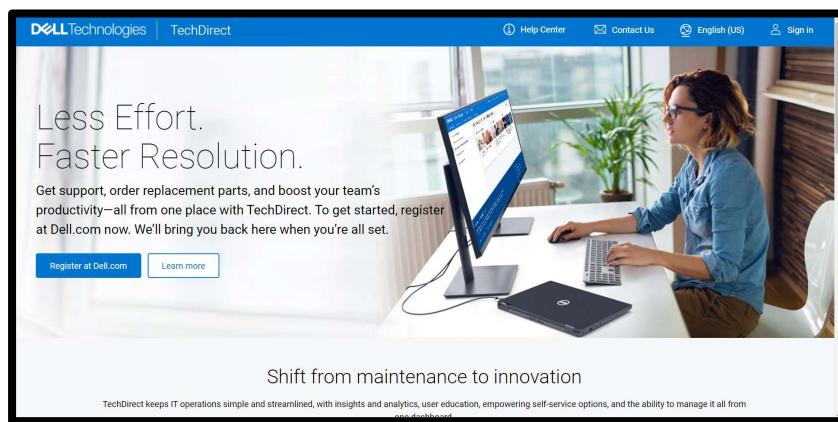
SupportAssist for Business PCs with Windows OS Administrator Guide

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

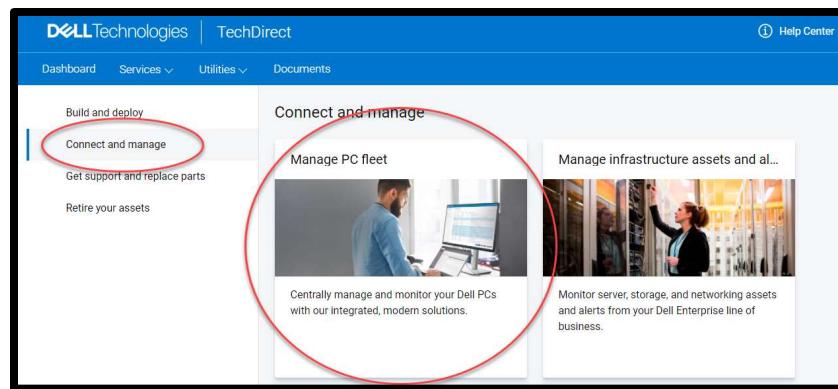
## Prepare Dell SupportAssist for Business PCs for Workspace One

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

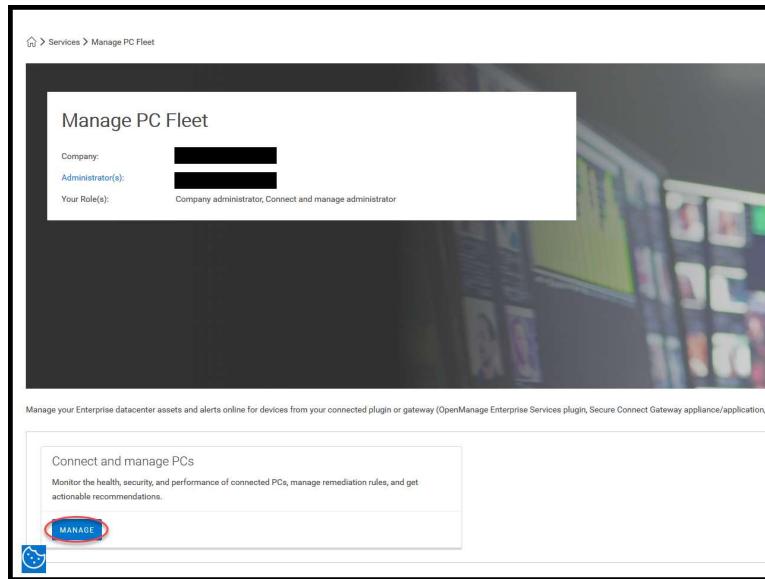
This requires a Dell TechDirect Account <https://techdirect.dell.com/>



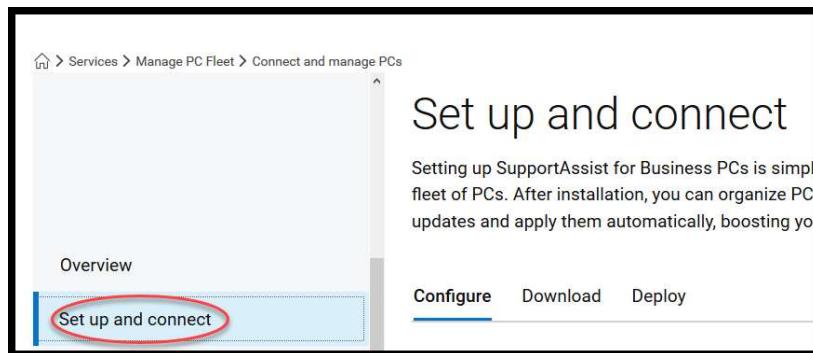
After Login move to Connect and Manage section and open Manage PC fleet.



Click 'Manage'



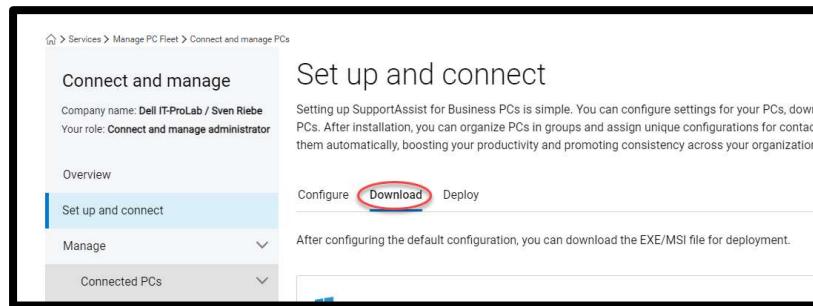
Click on Set up and connect



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>

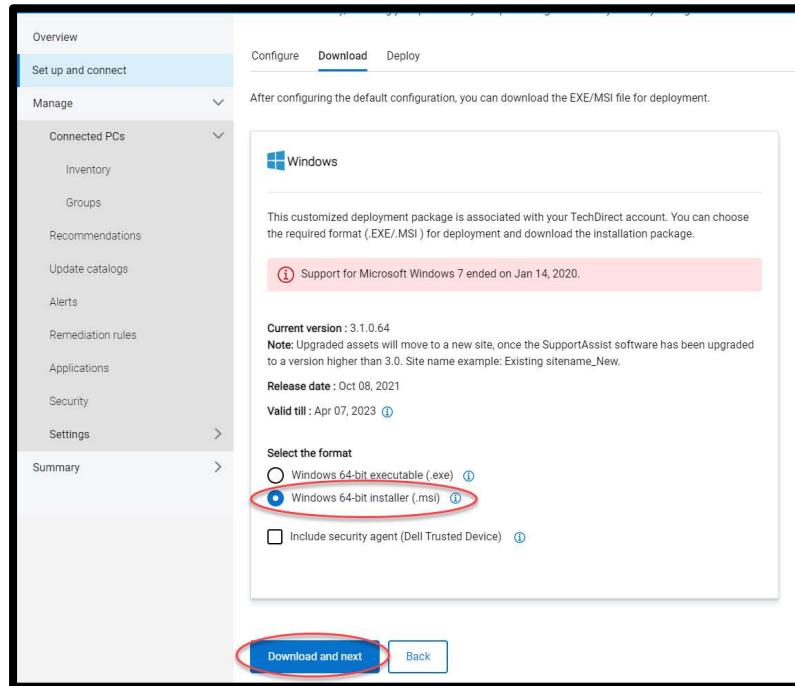
After you have fulfilled the configure section, you can download the software.



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

Choose Windows 64-bit installer (.msi)

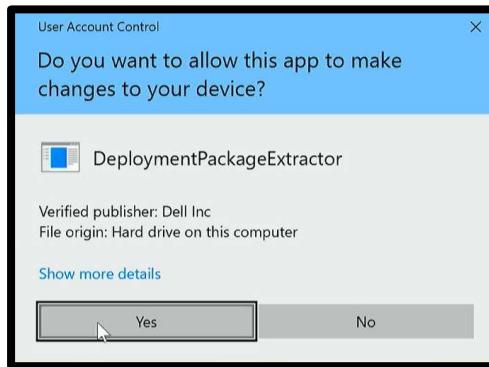
Click 'Download and next'



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

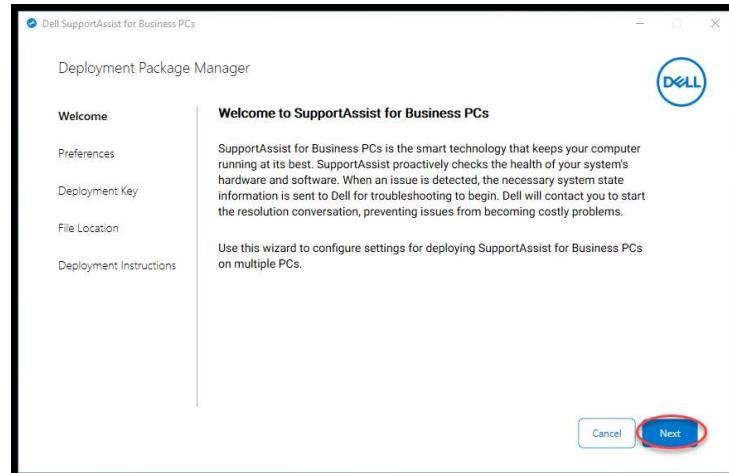


Start this file with administrator rights

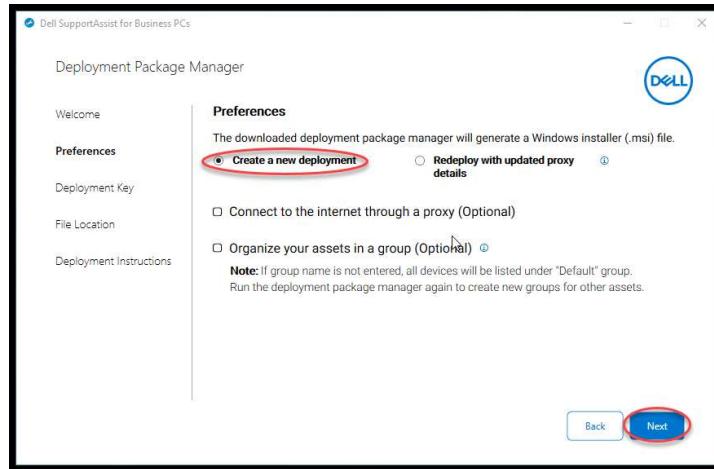


Prepare the MSI and MST for the deployment.

Click 'Next'

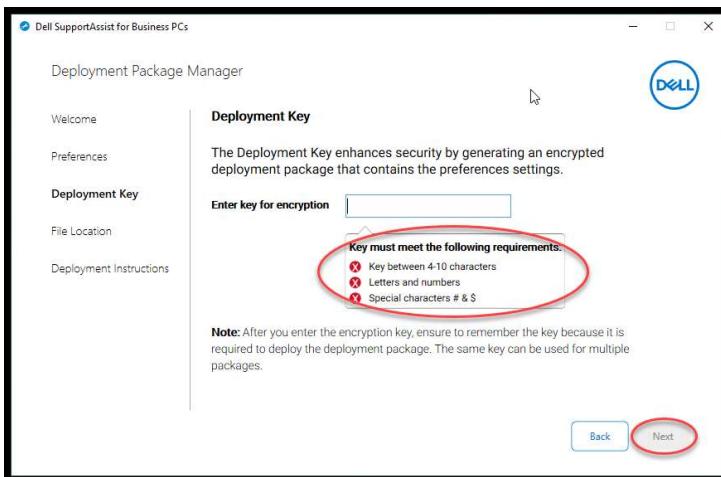


Select 'Create a new deployment'  
Click 'Next'

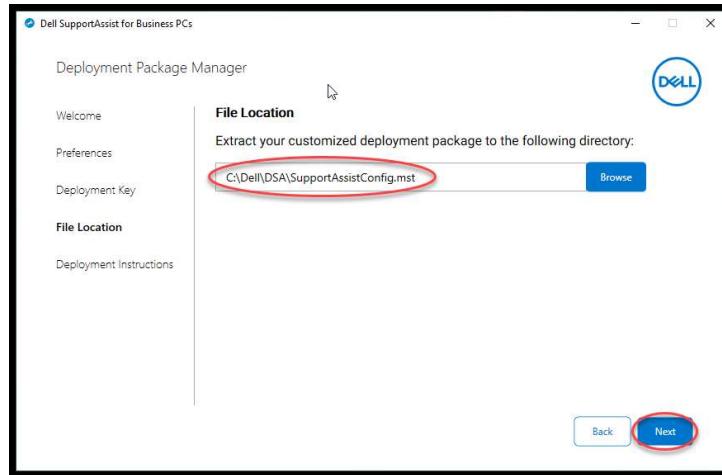


**Note:** For the deployment you need to setup a password (4-10 characters using numbers, letters and special characters).

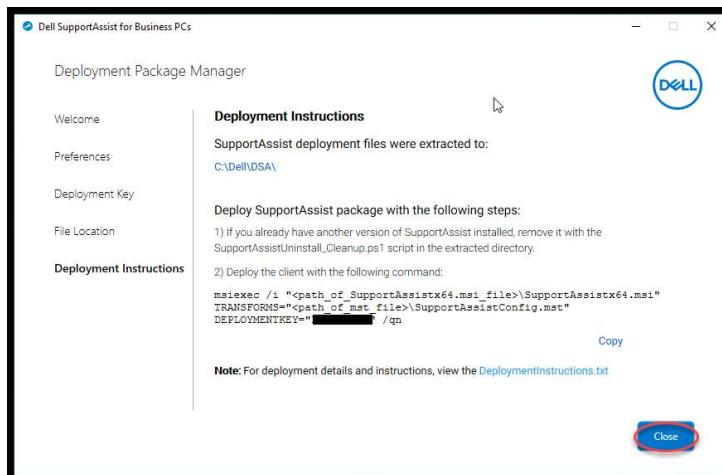
Click 'Next'



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



Final Summary.  
Click 'Close'

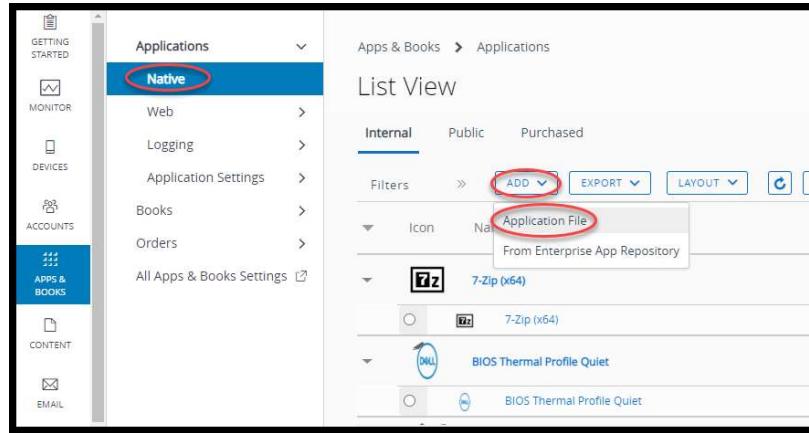


The folder includes all install and uninstall files for the deployment.

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 PowerS...	14 KB
SupportAssistConfig.mst	16/11/2021 10:29	MST File	20 KB
SupportAssistUninstall_Cleanup.ps1	16/11/2021 10:21	Windows PowerS...	31 KB
SupportAssistx64.msi	16/11/2021 03:02	Windows Installer ...	195,434 KB

## Import and Deployment settings Dell SupportAssist for Business PCs for Workspace One

Click 'Apps & Books'  
Click 'Applications/Native'  
Click 'Add'  
Click 'Application File'



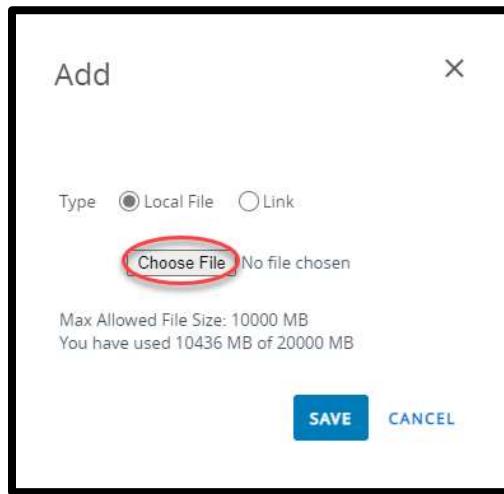
Upload the file to Workspace One.

Click 'Upload'

The screenshot shows a form titled 'Add Application'. It has two fields: 'Organization Group ID\*' with a value in a redacted box, and 'Application File\*' with a file input field containing a placeholder 'No file chosen'. A red circle highlights the 'UPLOAD' button to its right.

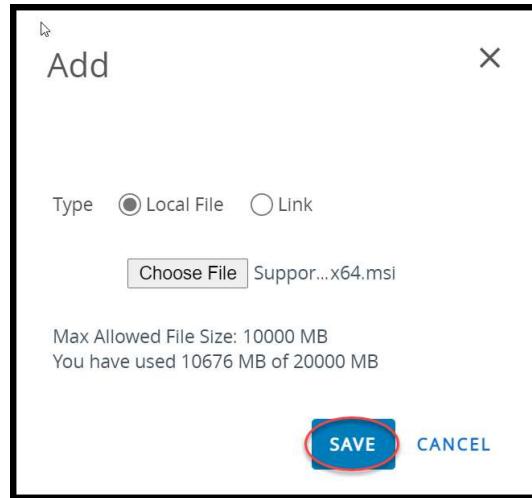
Click 'Choose File'

Select '**SupportAssistx64.msi**'



Click 'Save'

Upload the File **SupportAssistx64.msi** to the Console



Field	Value
Is this a dependency app	No

Click 'Continue'



## Section 'Details'



No changes

Field	Value
Retire Previous Versions	<input checked="" type="checkbox"/>

**Note:** This option is only available if an older deployment package is still active.

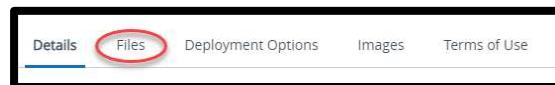
Add Application - Dell SupportAssist for Business PCs v 3.1.0.64  
Internal | Managed By [REDACTED] | Application ID: (DD859DA5-7264-4983-8F3B-421BCD4B7EA4) | App Size: 195434 KB

Details    Files    Deployment Options    Images    Terms of Use

Name *	Dell SupportAssist for Business PCs
Managed By	[REDACTED]
Application ID *	(DD859DA5-7264-4983-8F3B-421BCD4B7EA4)
App Version *	3.1.0.64
Build Version	(1301D13D-779C-4488-A69E-D2DBE5F26860)
Uploaded UEM Version	3 . 1 . 0 . 64
Latest Version	3 . 0 . 0 . 34
Retire Previous Versions	<input checked="" type="checkbox"/>
Supported Processor Architecture	64-bit
Is Beta	YES    NO
Update Notifications	NOTIFY    NONE
Change Log	[REDACTED]

SAVE & ASSIGN    CANCEL

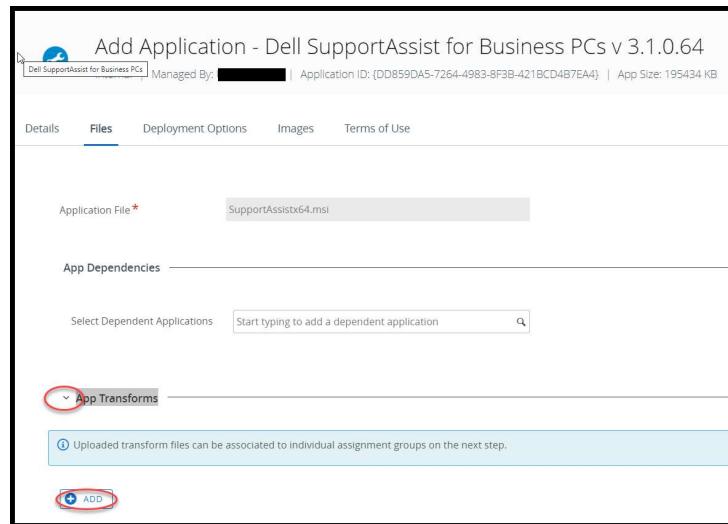
## Section 'Files'



## Section 'App Transforms'

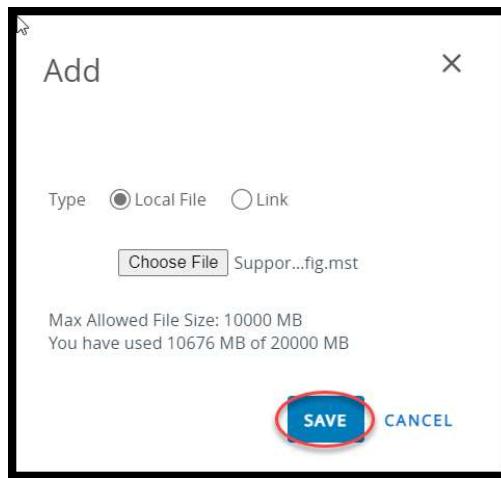
Click '>'

Click 'Add'



Select File '**SupportAssistConfig.mst**'

Click 'Save'



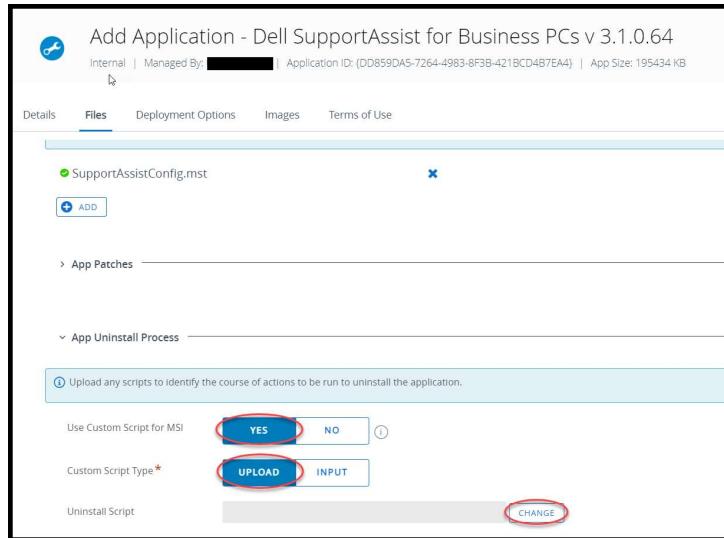
Add an uninstall script for Dell SupportAssist.

#### Section 'App Uninstall Process'

Field	Value
Use Custom Script for MSI	Yes
Custom Script Type	Upload

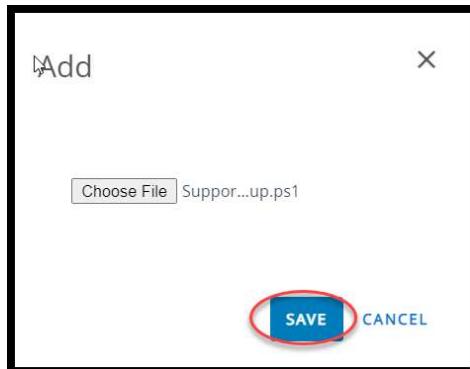
Click 'Upload or Change'

**Note:** The field is first called 'Upload' and later when changes are made to the software package 'Change'



Select File '**SupportAssistUninstall\_Cleanup.ps1**'

Click 'Save'



Field	Value
Uninstall Command	powershell -executionpolicy bypass -file SupportAssistUninstall_Cleanup.ps1

Add Application - Dell SupportAssist for Business PCs v 3.1.0.64  
Internal | Managed By: [REDACTED] | Application ID: (DD8590A5-7264-4983-8F3B-421BC0487EA4) | App Size: 195434 KB

Details Files Deployment Options Images Terms of Use

SupportAssistConfig.mst

+ ADD

> App Patches

App Uninstall Process

Upload any scripts to identify the course of actions to be run to uninstall the application.

Use Custom Script for MSI

YES NO ⓘ

Custom Script Type \*

UPLOAD INPUT

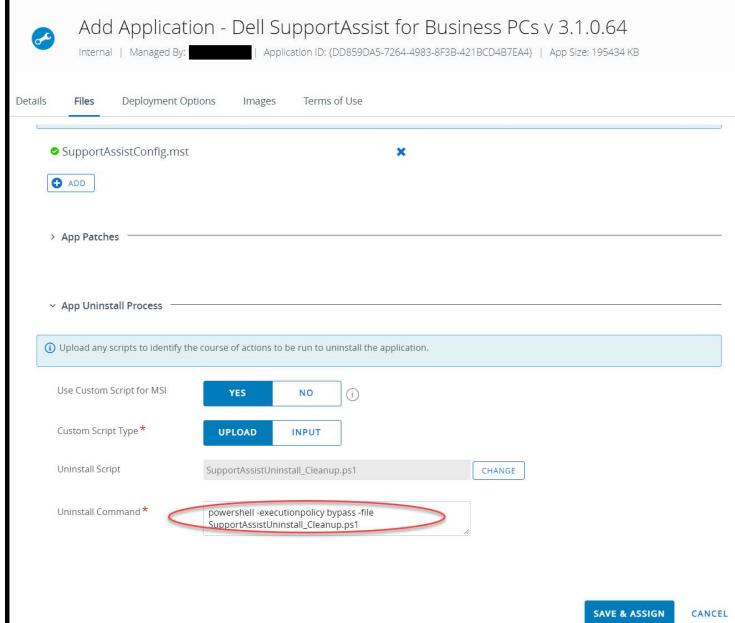
Uninstall Script

SupportAssistUninstall\_Cleanup.ps1

Uninstall Command \*

powershell -executionpolicy bypass -file SupportAssistUninstall\_Cleanup.ps1

SAVE & ASSIGN CANCEL



## Section 'Deployment'

The screenshot shows a navigation bar with tabs: Details, Files, Deployment Options (which is circled in red), Images, and Terms of Use.

Field	Value
Install Command	msiexec /i "SupportAssistx64.msi" TRANSFORMS={transform files} DEPLOYMENTKEY="Your_PW" /qn

## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

The screenshot shows the 'Add Application' dialog for Dell SupportAssist for Business PCs v 3.1.0.64. The 'Deployment Options' tab is selected. Key fields shown include:

- Install Context:** DEVICE (selected) / USER
- Install Command:** msiexec /i "SupportAssistx64.msi" TRANSFORMS={transform files} /qn (circled in red)
- Admin Privileges:** YES (selected) / NO
- Device Restart:** Do not restart
- Retry Count:** 3
- Retry Interval:** 5
- Install Timeout:** 60
- Installer Reboot Exit Code:** 1641
- Installer Success Exit Code:** 0

In the 'When To Call Install Complete' section, the following are circled in red:

- Use Additional Criteria:** YES (selected) / NO
- Identify Application By:** DEFINING CRITERIA (selected) / USING CUSTOM SCRIPT
- Add:** (button)

At the bottom right are 'SAVE & ASSIGN' and 'CANCEL' buttons.

## Section 'Add Criteria'

Field	Value
Criteria Type	Registry exists
Path	HKEY_LOCAL_MACHINE\SOFTWARE\DELL\SupportAssistBusinessClient
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	Version
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal to 3.1.0.64 (Note: use version of SupportAssist)

Click 'Add'

The screenshot shows the 'Add Criteria' dialog box. The fields filled in are:

- Criteria Type: Registry exists
- Path: HKEY\_LOCAL\_MACHINE\SOFTWARE\DELL\SupportAssistBusinessClient
- Value Name: Version
- Value Type: String
- Value Data: Greater than or equal to 3.1.0.64

The 'ADD' button at the bottom left is circled in red.

**Click 'Save & Assign'**

Add Application - Dell SupportAssist for Business PCs v 3.1.0.64

Internal | Managed By: [REDACTED] | Application ID: (DD0859DA5-7264-49B3-8F3B-421BCD4B7EA4) | App Size: 195434 KB

Details Files Deployment Options Images Terms of Use

Install Context

DEVICE  USER

Install Command \*

msiexec /i "SupportAssistx64.msi" TRANSFORMS=(transform files) DE...

Admin Privileges

YES  NO

Device Restart

Do not restart

Retry Count \*

3

Retry Interval \*

5

Install Timeout \*

60

Installer Reboot Exit Code

1641

Installer Success Exit Code

0

When To Call Install Complete

Use Additional Criteria

YES  NO

Identify Application By \*

DEFINING CRITERIA  USING CUSTOM SCRIPT

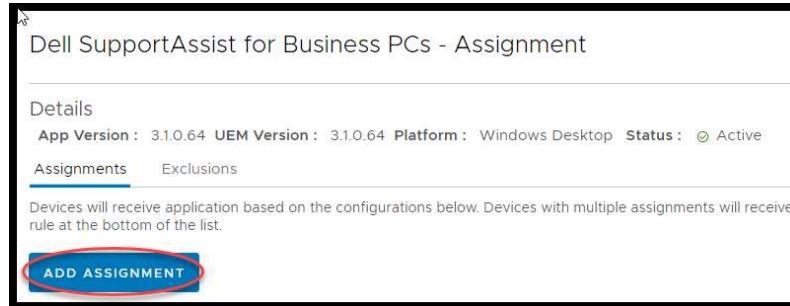
1. Registry exists - HKEY\_LOCAL\_MACHINE\SOFTWARE\DELL\SupportAssistBusinessClient - Version

SAVE & ASSIGN CANCEL

## Section 'Assignment'

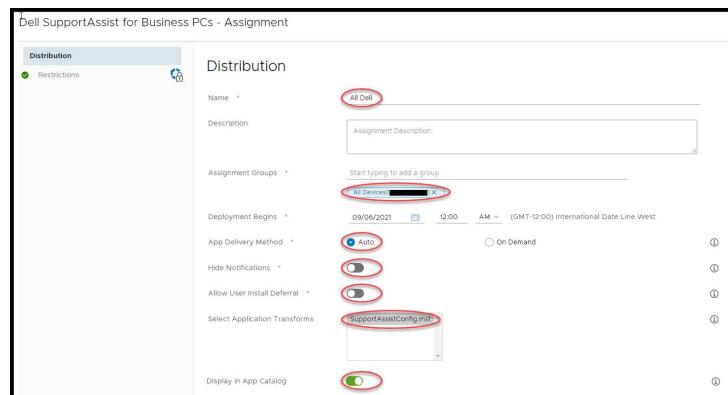
Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.



## Section 'Distribution'

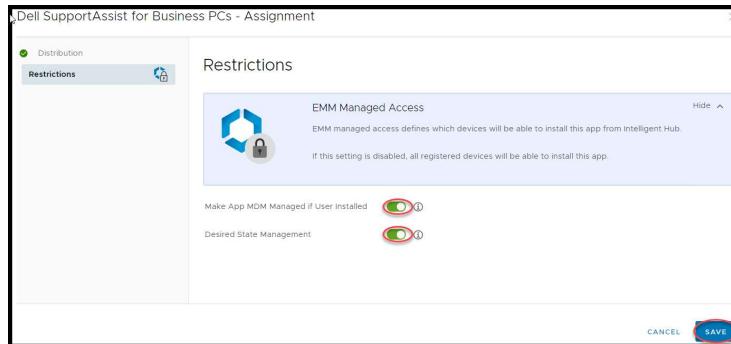
Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell SupportAssist supports only Dell devices (Latitude, Optiplex, Precision and mobile XPS), it makes sense to have a dynamic smart group which includes these devices only.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	Off
Allow User Install Deferral	Off
Select Application Transforms	SupportAssistConfig.mst <b>Note:</b> File need select otherwise it does not work. Check if the file has a grey background.
Display in App Catalog	On



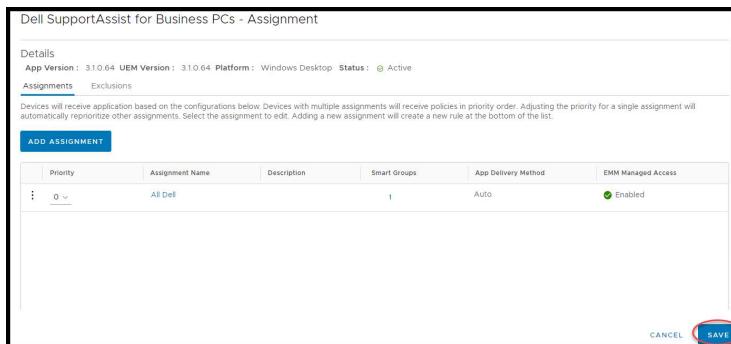
## Section ‘Restrictions’

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	On

Click ‘Save’

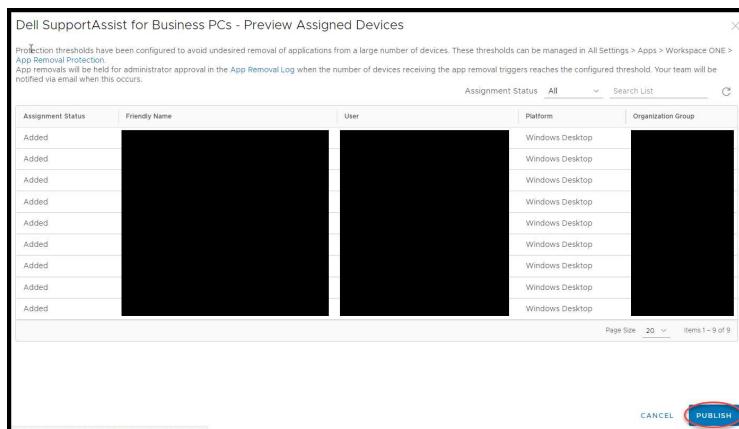


Click ‘Save’



Cross check to ensure that this assignment matches to the correct devices.

Click ‘Publish’



Ready to work.

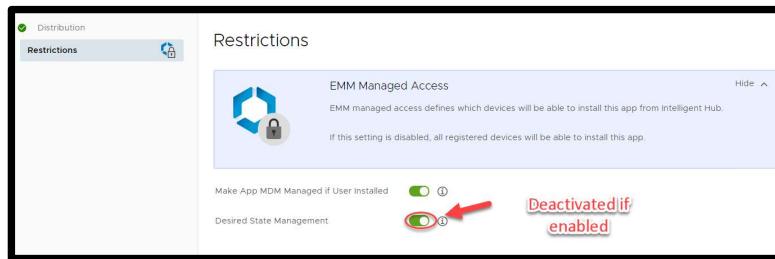
The screenshot shows a software interface for managing applications. At the top, there's a navigation bar with 'Apps & Books' and 'Applications'. Below it is a card for 'Dell SupportAssist for Business ...' with details like 'Internal', 'Status: Active', and 'Managed By: [REDACTED]'. A toolbar with 'EDIT', 'ASSIGN', 'ADD VERSION', and 'MORE' is at the top right. Below the card are tabs: 'Summary', 'Details', 'Devices', 'Assignment' (which is selected), 'Files', and 'More'. A sub-menu under 'Assignment' shows 'Internal | Status: Active | Managed By: UW-Germany | Application ID: [REDACTED] | App Size: 195434 KB'. Under 'Assignment', there are two tabs: 'Assignments' (selected) and 'Exclusions'. The main table has columns: Priority, Assignment Name, Description, Smart Groups, and App Delivery Method. One row is visible: Priority 0, Assignment Name 'All Dell', Description empty, Smart Groups 1, and App Delivery Method 'Auto'. There's also a small 'Edit' icon next to the table.

## Optional: Clean-Up old Version by Dependency App

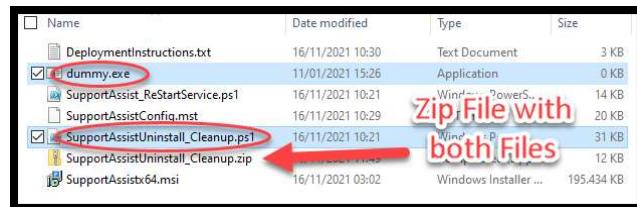
Workspace One offers the "Retire" option in the Details section if Workspace One identifies that an older version of the same installation is present. If you choose Retire, you can ignore this instruction. Otherwise, if you are using the Dell OEM Image or have deployed Dell Support Assist, it could be that the MSI does not install the software.

What does this mean? The Consumer version does not permit installation of the Business version, or if the Business version was installed, it could be that the UWP App is not updated correctly. We recommend that you clean this up using a Dependency App.

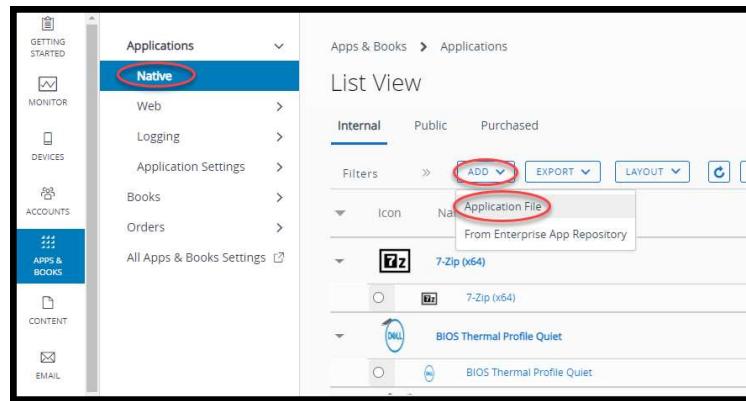
**Note:** If you using this process please deactivate the 'Desired State' for main Application, otherwise you will have a install loop.



Workspace One need an Installer file as part of a Zip File. Generate a blank document and save this as dummy.exe. Now Zip **Dummy.exe** and **SupportAssistUninstall\_Cleanup.ps1** to **SupportAssistUninstall\_Cleanup.zip**



Click 'Apps & Books'  
 Click 'Applications/Native'  
 Click 'Add'  
 Click 'Application File'



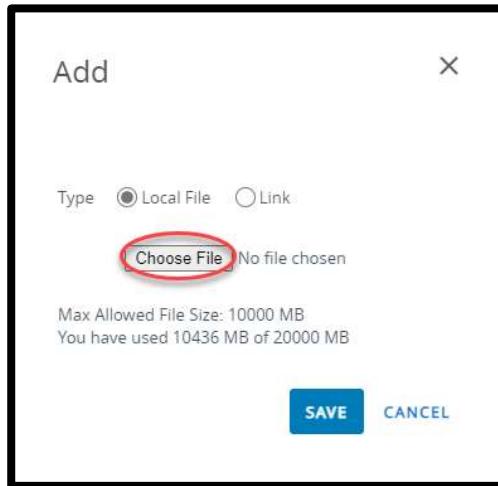
Upload the file to WORKS Workspace One.

Click 'Upload'

The screenshot shows a form titled 'Add Application'. It has two fields: 'Organization Group ID \*' with a redacted value and 'Application File \*'. Below the file field is a grey area containing the word 'UPLOAD' in red, which is circled with a red oval.

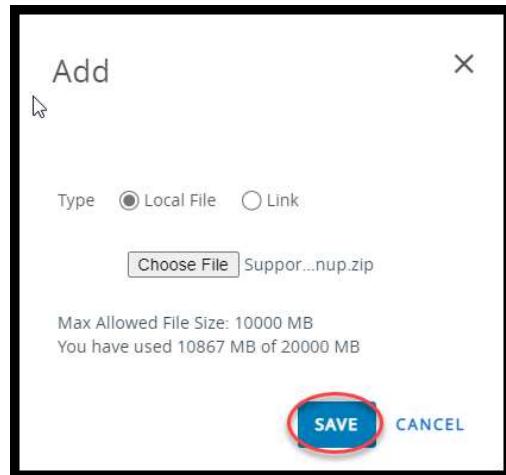
Click 'Choose File'

Select '**SupportAssistUninstall\_Cleanup.zip**'



Click 'Save'

Upload the File **SupportAssistUninstall\_Cleanup.zip** to the Console



T

Field	Value
Is this a dependency app	Yes

Click 'Continue'

Add Application X

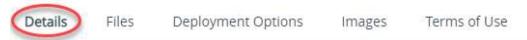
Organization Group ID \*

Application File \*  UPLOAD

Is this a dependency app? YES NO ⓘ

CONTINUE CANCEL

## Section 'Details'



No changes

Field	Value
Name	Cleanup SupportAssist V1_0
Supported Processor Architecture	64-bit

Add Application - SupportAssistUninstall\_Cleanup.zip v 1....

Internal | Managed By: [REDACTED] | Application ID: {fa0d6d33-6ac7-4f70-8439-5377ab4f4de1} | App Size: ...

Details    Files    Deployment Options    Images

Name \*  ⓘ

Managed By

Application ID \*

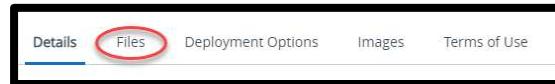
App Version \*

Build Version

Supported Processor Architecture  ⓘ

**SAVE**   CANCEL

## Section 'Files'



## Section 'App Uninstall Process'

Field	Value
Custom Script Type	Input
Uninstall Command	.

**Note:** Uninstall Command is a mandatory field. It's does not need for this process but it could not empty.

A screenshot of a 'Add Application' dialog box. The title bar says 'Add Application - SupportAssistUninstall\_Cleanup.zip v 1....'. The navigation bar includes 'Details', 'Files' (highlighted with a red circle), 'Deployment Options', and 'Images'. The main area shows an 'Application File' input field containing 'SupportAssistUninstall\_Cleanup.zip'. Below it is a section titled 'App Uninstall Process' with a note: 'Upload any scripts to identify the course of actions to be run to uninstall the application.' There are two buttons: 'UPLOAD' and 'INPUT' (highlighted with a red circle). Below these is a 'Uninstall Command' input field containing a single dot ('.') and is also highlighted with a red circle. At the bottom are 'SAVE' and 'CANCEL' buttons.

## Section 'Deployment'



Field	Value
Install Command	powershell -executionpolicy bypass -file SupportAssistUninstall_Cleanup.ps1

## Section 'When to Call Install Complete'

Field	Value
Use Additional Criteria	Yes
Identify Application By	Defining Criteria

Click 'Add'

Add Application - SupportAssistUninstall\_Cleanup.zip v 1....

Internal | Managed By: [REDACTED] | Application ID: {fe0d6d33-6ac7-4f70-8439-5377ab4f4de1} | App Size: ...

Details Files Deployment Options Images

How To Install

Install Command \* powershell -executionpolicy bypass -file SupportAssistUninstall\_Cleanup.ps1

Admin Privileges YES NO

Installer Reboot Exit Code

Installer Success Exit Code

When To Call Install Complete

Identify Application By \* DEFINING CRITERIA USING CUSTOM SCRIPT

+ ADD

SAVE CANCEL

**Section 'Add Criteria'**  
**Check Consumer Version**

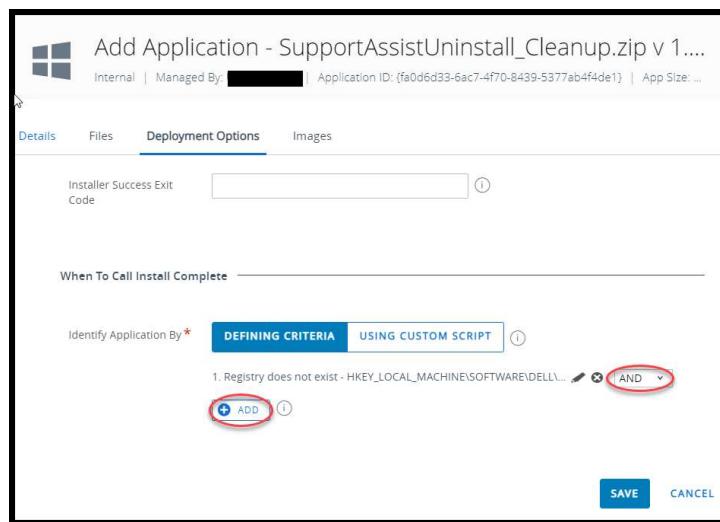
Field	Value
Criteria Type	Registry does not exist
Path	HKEY_LOCAL_MACHINE\SOFTWARE\DELL\SupportAssistAgent
Configure Registry Values	<input checked="" type="checkbox"/>

Click 'Add'



Select 'AND'

Click 'ADD'



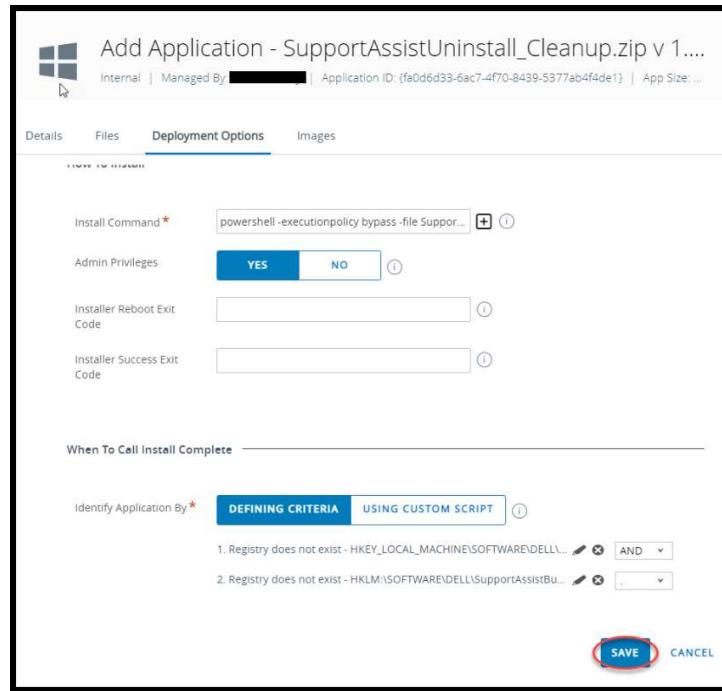
## Check Business Version

Field	Value
Criteria Type	Registry does not exist
Path	HKLM:\SOFTWARE\DELL\SupportAssistBusinessClient
Configure Registry Values	<input checked="" type="checkbox"/>

Click 'Add'

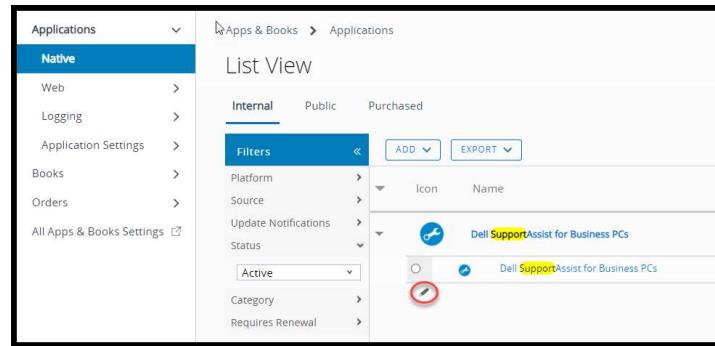
The screenshot shows a 'Add Criteria' dialog box. It contains three input fields: 'Criteria Type\*' with the value 'Registry does not exist', 'Path\*' with the value 'HKLM:\SOFTWARE\DELL\SupportAssistBusinessClient', and 'Configure Registry Values' with a checked checkbox. At the bottom right are 'ADD' and 'CANCEL' buttons, with 'ADD' being highlighted by a red circle.

Click 'Save'

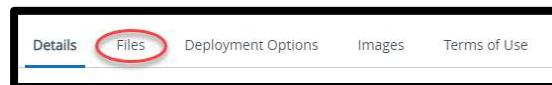


Add the Dependency App to Dell Support Assist.

Click pencil icon.



## Section 'Files'



## Section 'App Dependencies'

Field	Value
Select Dependent Applications	Cleanup SupportAssist V1_0

Click 'Save & Assign'

A screenshot of the application editor showing the 'Edit Application - Dell SupportAssist for Business PCs v 3....' screen. The 'Files' tab is selected. In the 'App Dependencies' section, there is a list box labeled 'Select Dependent Applications' with the value 'Cleanup SupportAssist V1\_0' selected. Below this, there is a section for 'App Transforms' containing a file named 'SupportAssistConfig.mst'. At the bottom right, there are 'SAVE & ASSIGN' and 'CANCEL' buttons, with 'SAVE & ASSIGN' highlighted with a red circle.

Ready to use, do accept all Assignments without any changes.

## 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 the 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 Workspace One

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](https://www.dell.com/support):

Go to the download folder and find the installer file **Dell-Optimizer\_PKGID\_Win\_Version\_Rev.exe**

Name	Date modified	Type	Size
Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.EXE	16/11/2021 13:23	Application	121.513 KB

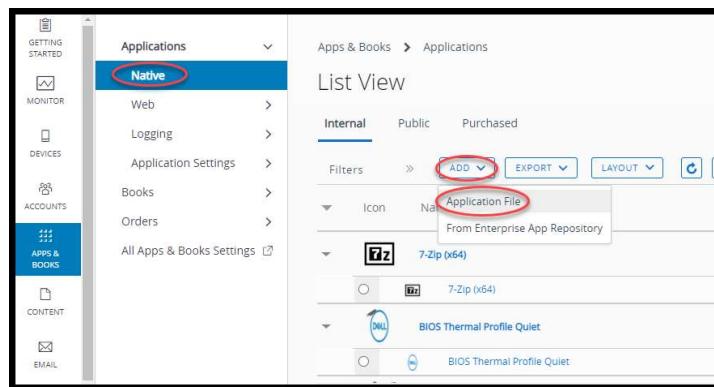
## Import and Deployment settings Dell Optimizer for Workspace One

Click 'Apps & Books'

Click 'Applications/Native'

Click 'Add'

Click 'Application File'



Upload the file to Workspace One.

Click 'Upload'

Add Application

Organization Group ID \*

Application File \*

UPLOAD

Click 'Choose File'

Select '**Dell-Optimizer\_TD34P\_WIN\_2.0.753.0\_A00.EXE**'

Add

Type  Local File  Link

Dell-Op...00.EXE

No file chosen

Max Allowed File Size: 10000 MB  
You have used 10436 MB of 20000 MB

**SAVE** CANCEL

Click 'Save'

Upload the File **Dell-Optimizer\_TD34P\_WIN\_2.0.753.0\_A00.EXE** to the Console

Add

Type  Local File  Link

Dell-Op...00.EXE

No file chosen

Max Allowed File Size: 10000 MB  
You have used 10882 MB of 20000 MB

**SAVE** CANCEL

Field	Value
Is this a dependency app	No

Click 'Continue'

The screenshot shows a 'Add Application' dialog box. At the top, there are fields for 'Organization Group ID\*' (containing a blacked-out value) and 'Application File\*' (containing 'Dell-Optimizer\_TD34P\_WIN\_2.0.751.0\_A00.EXE') with a 'UPLOAD' button. Below these is a question 'Is this a dependency app?' with two options: 'YES' and 'NO'. The 'NO' option is selected and highlighted with a red circle. At the bottom right of the dialog are 'CONTINUE' and 'CANCEL' buttons, both of which are also circled in red.

## Section 'Details'

[Details](#) [Files](#) [Deployment Options](#) [Images](#) [Terms of Use](#)

Field	Value
Name	Dell Optimizer
App Version	2.0.753.0 (Note: use version of Optimizer)
Supported Process or Architecture	64-bit

Add Application - Dell-Optimizer\_TD34P\_WIN\_2.0.753.0\_A00.EXE v 1.0.0.0

Internal | Managed By: [REDACTED] Application ID: (1989666e-ecc9-4810-b0d2-f30095488e) | App Size: 121512 KB

Details Files Deployment Options Images Terms of Use

Name \* Dell Optimizer

Managed By [REDACTED]

Application ID \* (1989666e-ecc9-4810-b0d2-f30095488e)

App Version \* 2.0.753.0

Build Version (1989666e-ecc9-4810-b0d2-f30095488e)

Current UEM Version 2 0 753

Supported Processor Architecture 64-bit

Is Beta YES NO

Update Notifications NOTIFY NONE

Change Log

Categories Dell Tools (Custom)  
Productivity (System)  
Start Typing to Select Category ...

Minimum OS \* Windows 10 (10.0.10240)

Supported Models \* Desktop

Default Scheme No Protocol Schemes Are Available

[SAVE & ASSIGN](#) [CANCEL](#)

## Section Files

### Generate an uninstall script **DO\_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'
Start-Sleep -Seconds 60
```

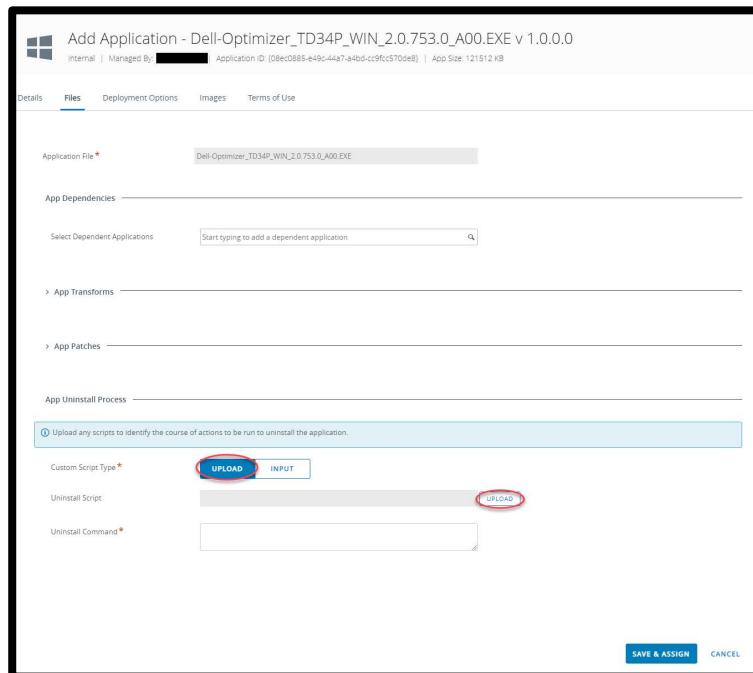
Add an uninstall script for Dell Optimizer.

Section 'App Uninstall Process'

Field	Value
Use Custom Script for MSI	Yes
Custom Script Type	Upload

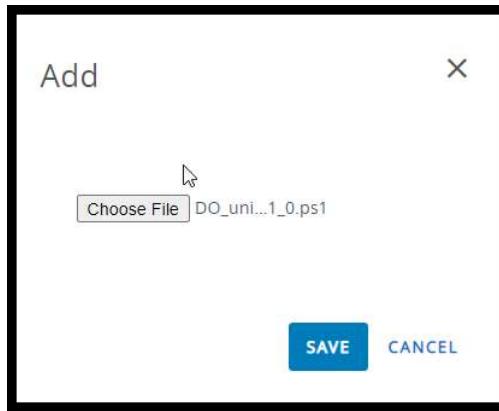
Click 'Upload or Change'

**Note:** The field is first called 'Upload' and later when changes are made to the software package 'Change'

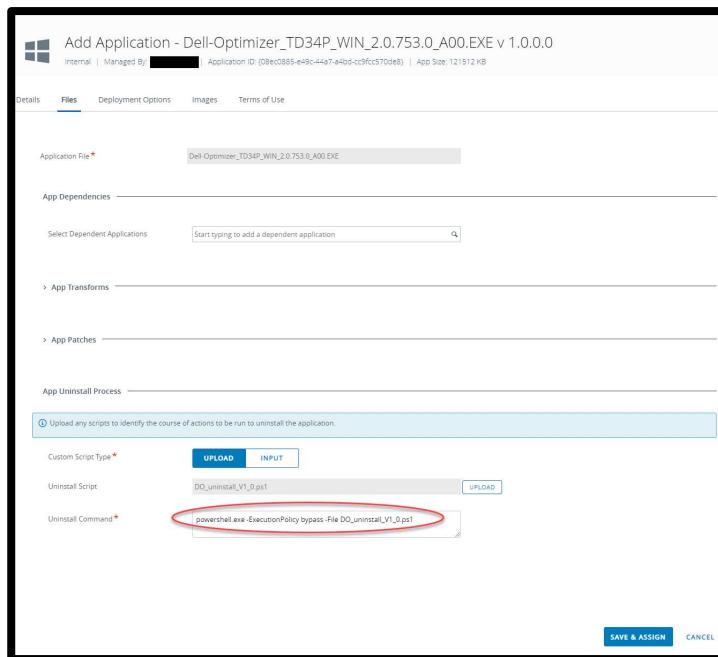


Choose the uninstall script, e.g., **DO\_Uninstall\_V1\_0.ps1**

Click 'Save'



Field	Value
Uninstall Command	powershell.exe -ExecutionPolicy bypass -File DPM_uninstall_V1_0.ps1



## Section 'Deployment'

Field	Value
Install Command	Dell-Optimizer_TD34P_WIN_2.0.753.0_A00.EXE /s
Installer Reboot Exit Code	2
Installer Success Exit Code	0

## Section 'When to Call Install Complete'

Field	Value
Identify Application By	Defining Criteria

Click 'Add'

## Section 'Add Criteria'

Field	Value
Criteria Type	Registry exists
Path	HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{286A9ADE-A581-43E8-AA85-6F5D58C7DC88}
Configure Registry Values	<input checked="" type="checkbox"/>
Value Name	DisplayVersion
Value Type	String
Configure Registry Data	<input checked="" type="checkbox"/>
Value Data	Greater than or equal 2.0.753.0 (Note: use version of Optimizer)

Click 'Add'

The screenshot shows the 'Add Criteria' dialog box. The fields filled in are:

- Criteria Type: Registry exists
- Path: HKEY\_LOCAL\_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{286A9ADE-A581-43E8-AA85-6F5D58C7DC88}
- Value Name: DisplayVersion
- Value Type: String
- Value Data: Equals 2.0.753.0

The 'Configure Registry Values' and 'Configure Registry Data' checkboxes are checked. The 'ADD' button at the bottom right is highlighted with a red circle.

**Click 'Save & Assign'**

Edit Application - Dell Optimizer v 2.0.753.0

Internal | Status: Active | Managed By: [REDACTED] Application ID: (4ee24033-c018-4751-baf6-1b8caf636d03) | App Size: 121512 KB

Details Files Deployment Options Images Terms of Use

RAM Required 0 MB

How To Install

Install Context  DEVICE  USER

Install Command \* Dell-Optimizer\_TD3AP\_WIN\_2.0.753.0\_A00.EXE /s

Admin Privileges  YES  NO

Device Restart Do not restart

Retry Count \* 3

Retry Interval \* 5

Install Timeout \* 60

Installer Reboot Exit Code 2

Installer Success Exit Code 0

When To Call Install Complete

Identify Application By \*

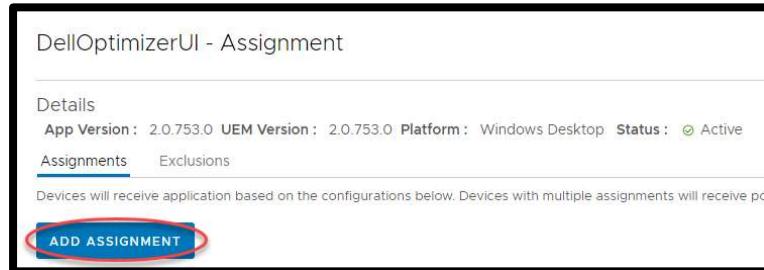
DEFINING CRITERIA USING CUSTOM SCRIPT

1. Registry exists - HKEY\_LOCAL\_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\{286A...

## Section 'Assignment'

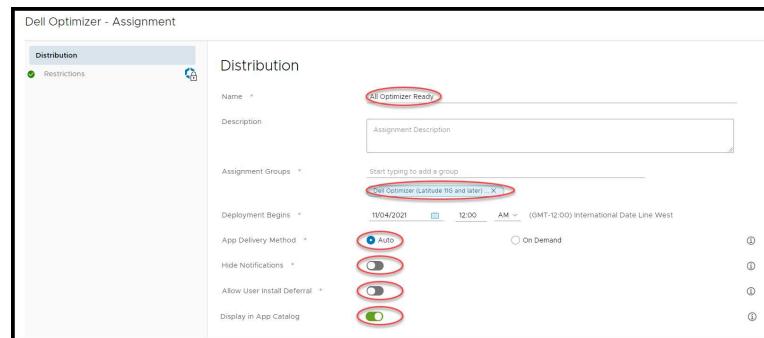
Click 'Add Assignment'

**Note:** Add Assignment opens automatically if the Applications uploaded for the first time.



## Section 'Distribution'

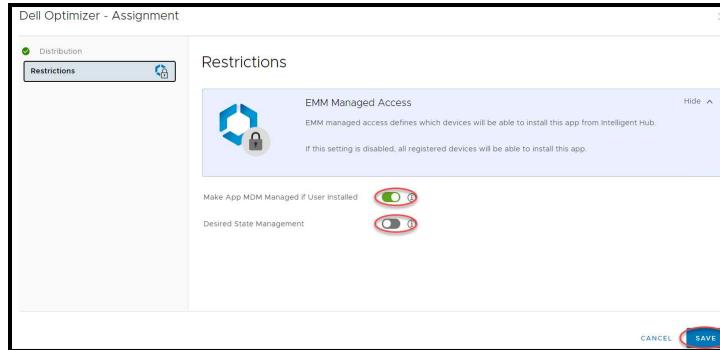
Field	Value
Name	like All Dell Device (helps to better identify the assignment)
Assignment Groups	Dell Optimizer is supported only on Latitude, Optiplex, Precision and mobile XPS with <b>Intel CPU Gen 11 and newer</b> . If possible, make a dynamic smart group for these devices.
Deployment Begins	When you plan to deploy this application
App Delivery Method	Auto
Hide Notification	Off
Allow User Install Deferral	Off
Display in App Catalog	On



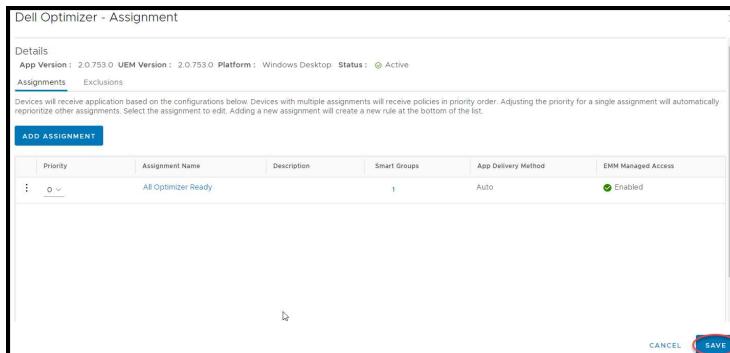
## Section 'Restrictions'

Field	Value
Make App MDM Managed if User installed	On (now all installation will be managed by IT)
Desired State Management	Off

Click 'Save'



Click 'Save'



Cross check to ensure that this assignment matches to the correct devices.

Click 'Publish'



Ready to work.

Apps & Books > Applications

Dell Optimizer v 2.0.753.0

Internal | Status: Active | Managed By: [REDACTED] | Ap...

EDIT ASSIGN ADD VERSION MORE

Summary Details Devices Assignment Files More

Assignments Exclusions

Priority	Assignment Name	Description	Smart Groups	App Delivery Method
0	All Optimizer Ready	[REDACTED]	1	Auto

## References

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/kbdoc/en-us/000177325/dell-command-update>

Dell Command | Monitor

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

Dell Command | Configure

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

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>