



# **Script Library Documentation**

## **Virtual Desktop Service**

NetApp  
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# Script Library Documentation

## Scripted Event Documentation - Adobe Reader DC

### Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

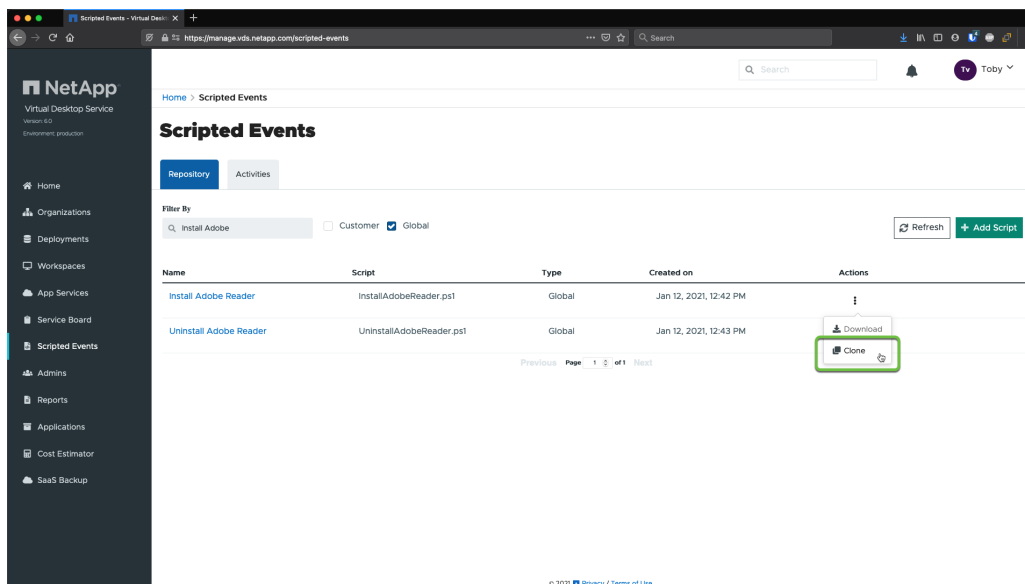
For this application, this article covers both the install/enable and uninstall/disable action.

### Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



### Adobe Reader DC overview

This script package installs/uninstalls *Adobe Reader DC* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

### Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: \\shortcuts\Acrobat Reader DC.lnk

## Add activity dialog window screenshot

VDS Documentation  
Virtual Desktop  
Service

Home > Scripted Events > Add Activity

### Add Activity

**Activity Settings**

**Name** Required  
InstallAdobeReader

**Description** Required  
Enter description...

**Deployment** Required **Script** Required **Arguments** Required  
VDSGCPDemo (kxk) x InstallAdobeReader x Enter arguments...

☒ **Enabled**

**Event Settings**

**Event Type** Required  
Application Install x

**Target Settings**

**Application** Required  
Adobe Reader x

**Shortcut Path** Required  
\\shortcuts\Acrobat Reader DC.lnk

Cancel Add Activity

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace* > *Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
  - **Application:** Select this application from dropdown

- **Shortcut Path:** Enter the default shortcut path for this application (noted above)

# Scripted Event Documentation - AMD Radeon Instinct Drivers

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

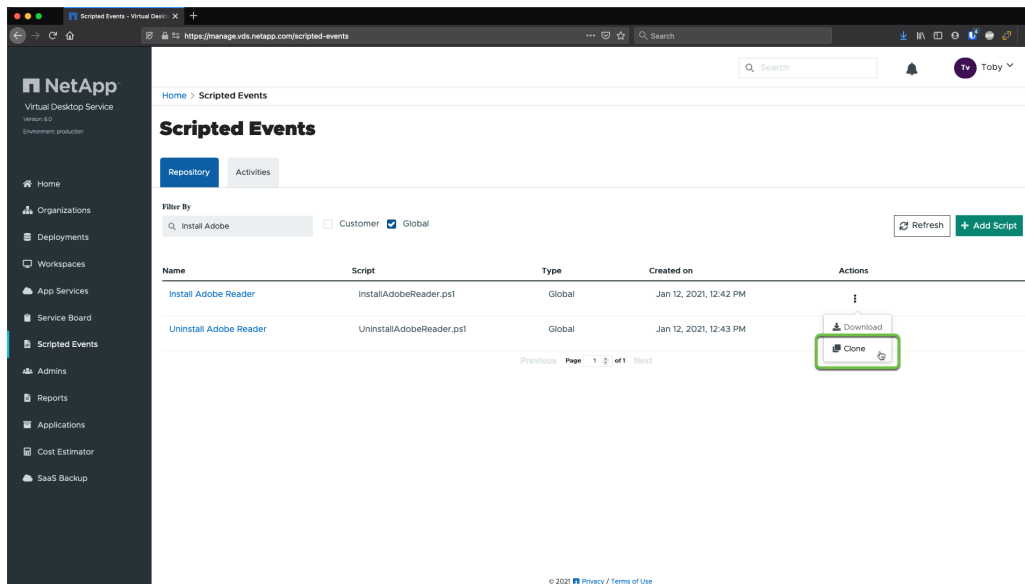
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## AMD Radeon Instinct Drivers overview

This script package installs/uninstalls *AMD Radeon Instinct Drivers* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

## Add activity dialog window screenshot

**Add Activity**

**Activity Settings**

**Name** Required InstallAMDRadeonInstinctDrivers **Description** Required Enter description...

**Deployment** Required VDSGCPDemo (kok) **Script** Required InstallAMDRadeonInstinctDrivers **Arguments** Required Enter arguments...

☒ **Enabled**

**Event Settings**

**Event Type** Required Manual

**Target Settings**

**Target Type** Required ☐ App Services & Clients ☒ Servers

**Managed Servers**

4 item(s) selected [Show](#) [Clear](#)

**Filter By**

Keyword

<input checked="" type="checkbox"/>	Name
<input checked="" type="checkbox"/>	CWMGR1
<input checked="" type="checkbox"/>	CWT1
<input checked="" type="checkbox"/>	CWT2
<input checked="" type="checkbox"/>	NYMMTSD1

Previous Page 1 of 1 Next

[Cancel](#) [Add Activity](#)

## Add Manual activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity runs when the VDS admin manually triggers the script.

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Manual* event type. Using *Create Server* would simply execute this script on all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).

### To create an Activity and link this script to an action:

1. Navigate to the Scripted Events section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select `Manual` from dropdown

- **Target Type:** Select the `Servers` radio button
- **Managed Servers:** Check the box for each VM that should receive this uninstall.

# Scripted Event Documentation - Ezeep Print App

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

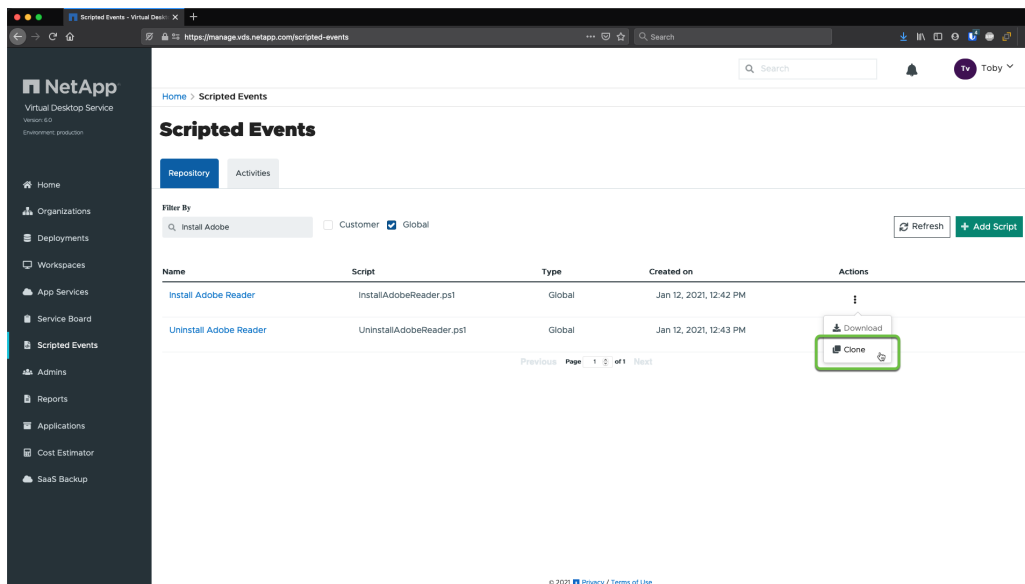
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Ezeep Print App overview

This script package installs/uninstalls *Ezeep Print App* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

## Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: `\\shortcuts\Printer Self Service.lnk`

## Add activity dialog window screenshot

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
  - **Application:** Select this application from dropdown



- **Shortcut Path:** Enter the default shortcut path for this application (noted above)

# Scripted Event Documentation - Google Chrome

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

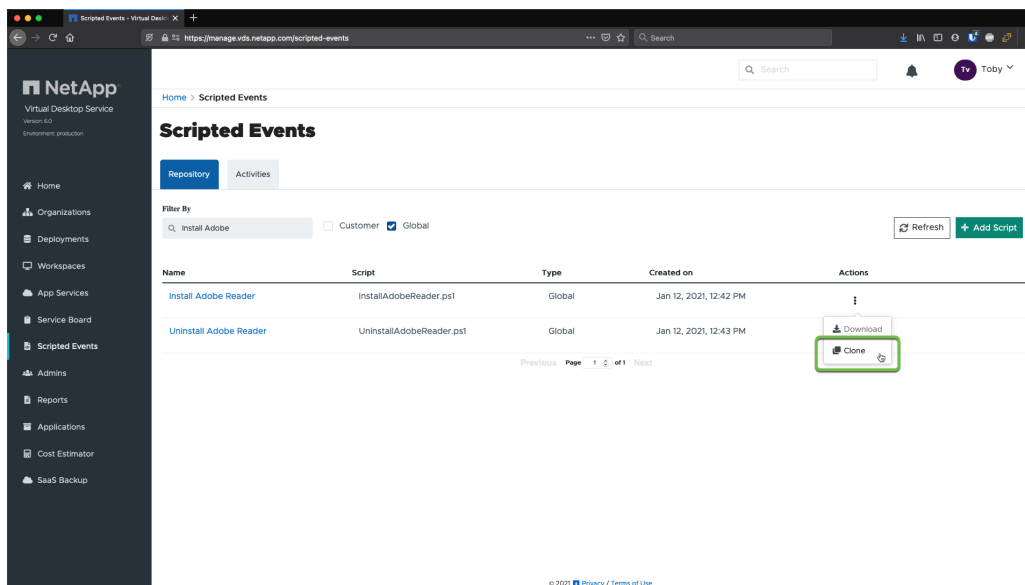
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Google Chrome overview

This script package installs/uninstalls *Google Chrome* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

## Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: `\\shortcuts\Google Chrome.lnk`

## Add activity dialog window screenshot

**Add Activity**

**Activity Settings**

**Name** Required **Description**  
 InstallGoogleChrome

**Deployment** Required **Script** Required **Arguments**  
 VDSGCPDemo (kok) × InstallGoogleChrome ×

☒ **Enabled**

**Event Settings**

**Event Type** Required  
 Application Install ×

**Target Settings**

**Application** Required  
 Google Chrome ×

**Shortcut Path** Required  
 \\shortcuts\\Google Chrome.lnk

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
  - **Application:** Select this application from dropdown
  - **Shortcut Path:** Enter the default shortcut path for this application (noted above)

# Scripted Event Documentation - Microsoft Edge Chromium

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

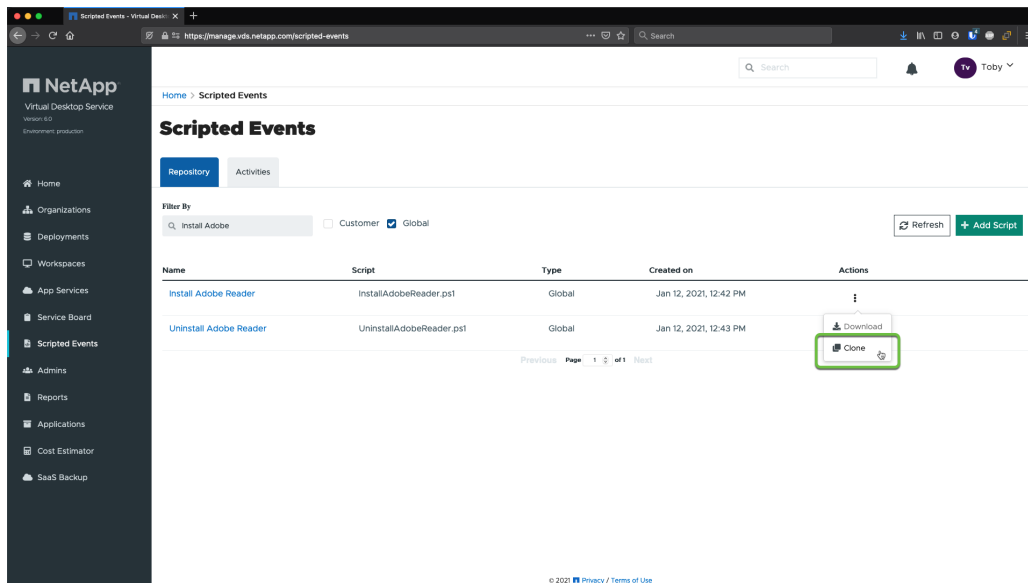
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Microsoft Edge Chromium overview

This script package installs/uninstalls *Microsoft Edge Chromium* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

### Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: `\\shortcuts\Microsoft Edge.lnk`

### Add activity dialog window screenshot

**Add Activity**

**Activity Settings**

**Name** Required: InstallMicrosoftEdgeChromium

**Description** Required: Enter description...

**Deployment** Required: VDSGCPDemo (kok) ×

**Script** Required: InstallMicrosoftEdgeChromium ×

**Arguments** Required: Enter arguments...

☒ **Enabled**

**Event Settings**

**Event Type** Required: Application Install ×

**Target Settings**

**Application** Required: Microsoft Edge Chromium ×

**Shortcut Path** Required: \\shortcuts\\Microsoft Edge.lnk

Cancel Add Activity

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
  - **Application:** Select this application from dropdown
  - **Shortcut Path:** Enter the default shortcut path for this application (noted above)

# Scripted Event Documentation - Microsoft Office 365

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

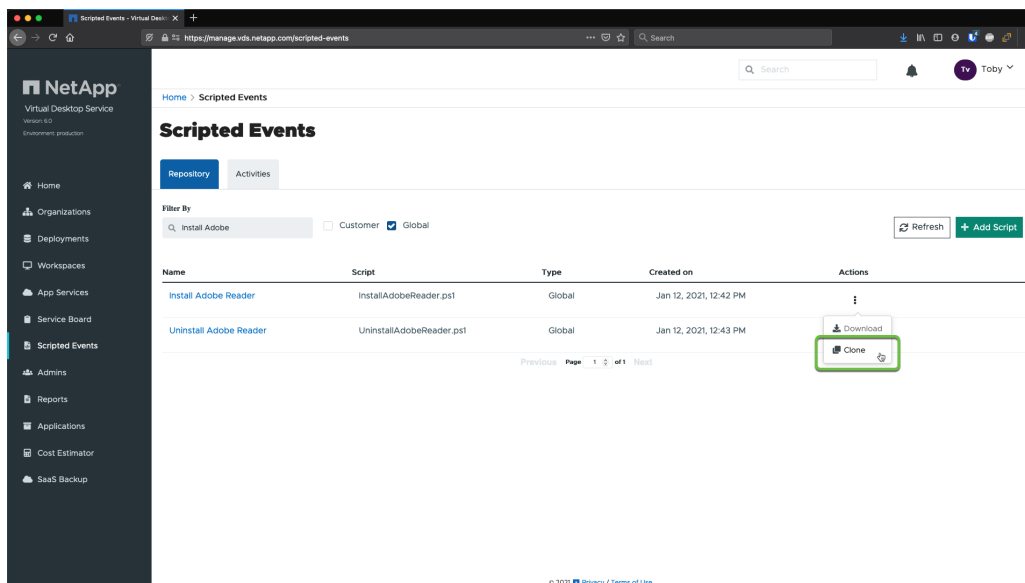
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Microsoft Office 365 overview

This script package installs/uninstalls *Microsoft Office* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.



This Microsoft Office 365 install script does not include Microsoft Teams or Microsoft One Drive. These are included as stand-alone automated scripts to allow for greater flexibility as some deployments do not require these applications. This deployment can be copied and edited to include them (or to change any other [Office Deployment Tool](#) settings) by cloning the Script from VDS and editing the InstallMicrosoftOffice365.ps1 to input different values into the xml config file.

## Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: \\folders\Microsoft

## Add activity dialog window screenshot

**Add Activity**

**Activity Settings**

**Name** Required **Description**  
 InstallMicrosoftOffice365 Enter description...

**Deployment** Required **Script** Required **Arguments**  
 VDSGCPDemo (kxk) x InstallMicrosoftOffice365 x Enter arguments...

☒ **Enabled**

**Event Settings**

**Event Type** Required  
 Application Install x

**Target Settings**

**Application** Required  
 Microsoft Office x

**Shortcut Path** Required  
 \\folders\Microsoft Office

Cancel Add Activity

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box

- **Event Type:** Select `Application Install` (or `Application Uninstall`) from dropdown
- **Application:** Select this application from dropdown
- **Shortcut Path:** Enter the default shortcut path for this application (noted above)

## Scripted Event Documentation - Microsoft OneDrive

### Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

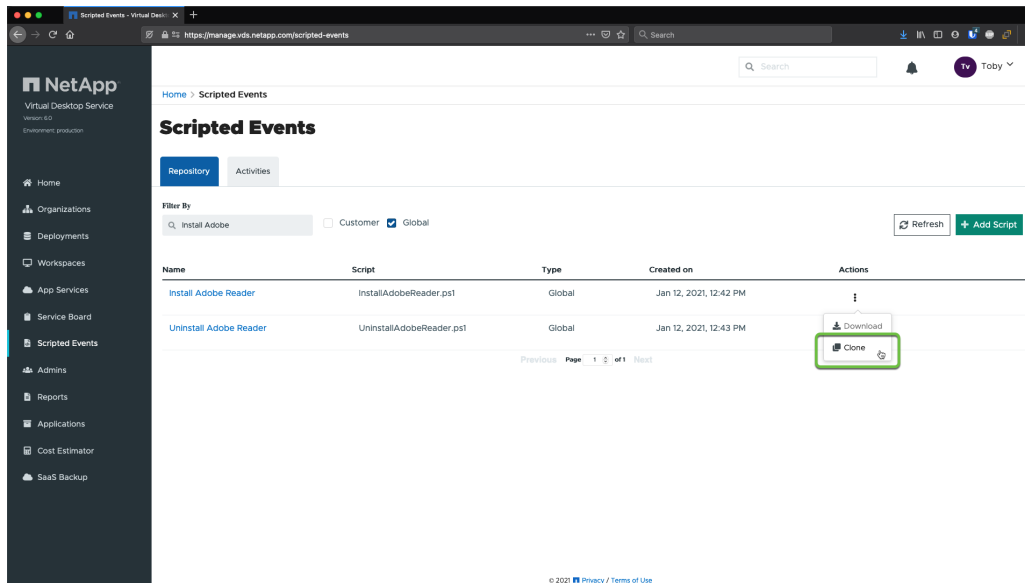
For this application, this article covers both the install/enable and uninstall/disable action.

### Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



### Microsoft OneDrive overview

This script package installs/uninstalls *Microsoft OneDrive* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

### Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is:

```
\\shortcuts\OneDrive.lnk
```

## Add activity dialog window screenshot

**Add Activity**

**Activity Settings**

**Name** Required  
InstallMicrosoftOneDrive

**Description** Required  
Enter description...

**Deployment** Required **Script** Required **Arguments** Required  
VDSGCPDemo (jokk) × InstallMicrosoftOneDrive × Enter arguments...

☒ **Enabled**

**Event Settings**

**Event Type** Required  
Application Install ×

**Target Settings**

**Application** Required  
Microsoft OneDrive ×

**Shortcut Path** Required  
\\shortcuts\OneDrive.lnk

Cancel Add Activity

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
  - **Application:** Select this application from dropdown



- **Shortcut Path:** Enter the default shortcut path for this application (noted above)

# Scripted Event Documentation - Microsoft Teams

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

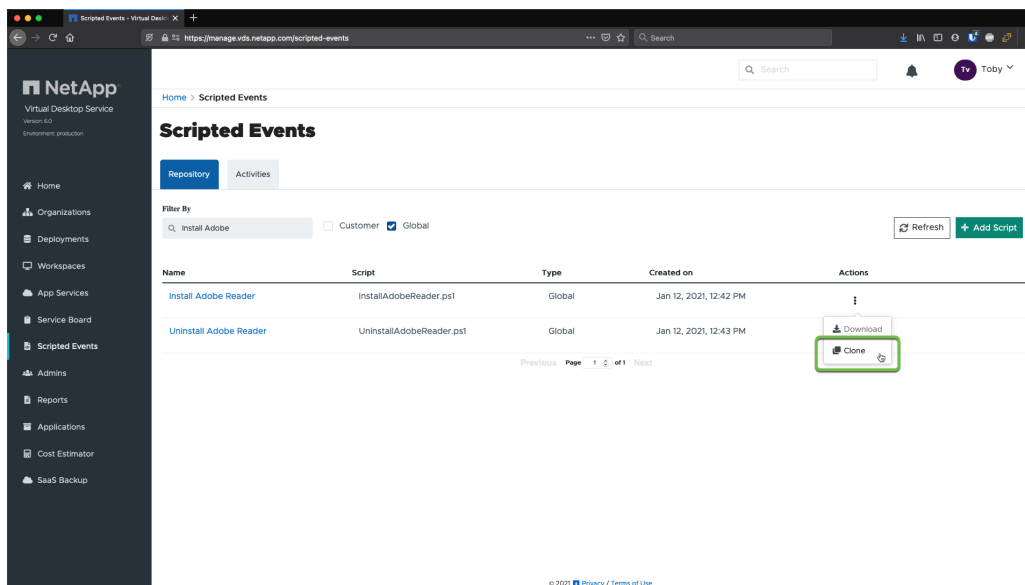
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Microsoft Teams overview

This script package installs/uninstalls *Microsoft Teams* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.



This Microsoft Teams install is specifically configured for deployments into an RDS environment. A different Microsoft Teams script is provided for AVD deployments.

## Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: \\shortcut\Microsoft Teams.lnk

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
  - **Application:** Select this application from dropdown
  - **Shortcut Path:** Enter the default shortcut path for this application (noted above)

## Scripted Event Documentation - Microsoft Teams for AVD

### Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

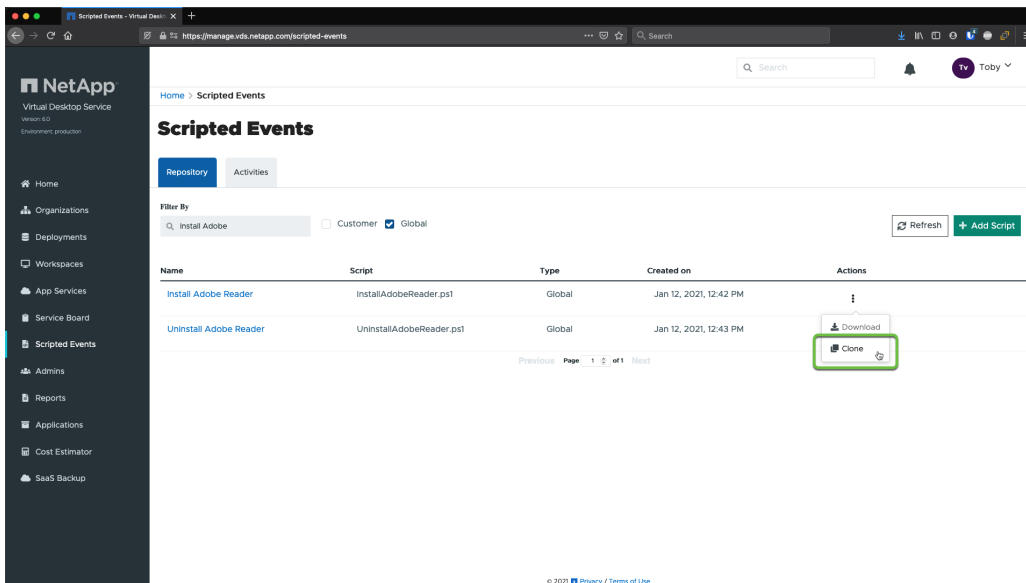
For this application, this article covers both the install/enable and uninstall/disable action.

### Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Microsoft Teams for AVD overview

This script package installs/uninstalls *Microsoft Teams AVD* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.



This Microsoft Teams install is specifically configured for deployments into a AVD environment with customizations and components specific to AVD in Azure. [A different Microsoft Teams script](#) is provided for RDS deployments.

### Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: \\shortcut\Microsoft Teams AVD.lnk

### Add activity dialog window screenshot

[scriptlibrary.activity.InstallMicrosoftTeamsAVD] | *scriptlibrary.activity.InstallMicrosoftTeamsAVD.png*

### Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS

2. Under *Activities* click + *Add Activity*

3. In the opened dialog window enter the following information:

- **Name:** Name this activity
- **Description:** Optionally enter a description
- **Deployment** Select the desired deployment from dropdown
- **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
- **Arguments:** Leave blank
- **Enabled checkbox:** Check the box
- **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown
- **Application:** Select this application from dropdown
- **Shortcut Path:** Enter the default shortcut path for this application (noted above)

## Scripted Event Documentation - Nvidia Cuda Drivers

### Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

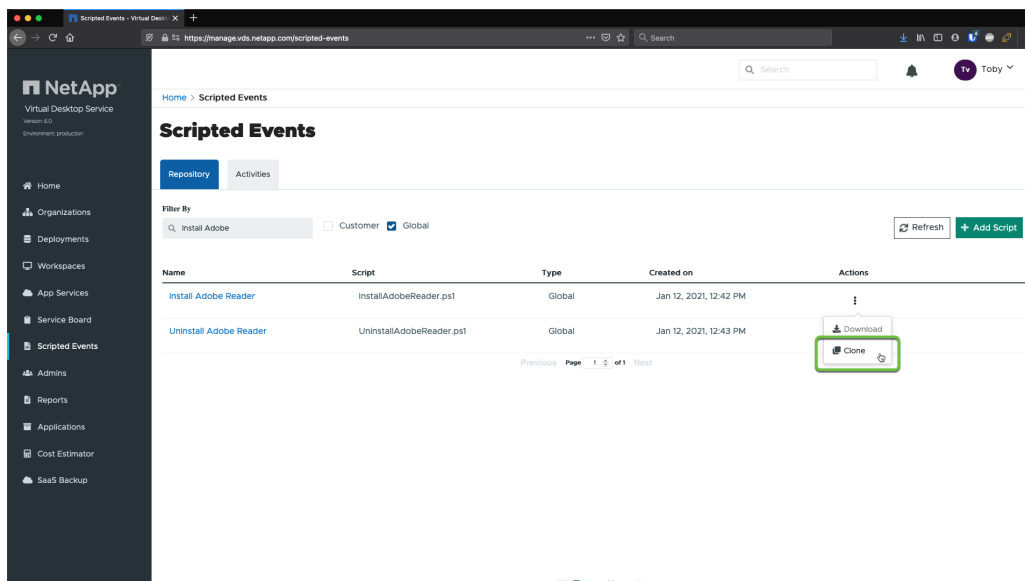
For this application, this article covers both the install/enable and uninstall/disable action.

### Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## Nvidia Cuda drivers overview

This script package installs/uninstalls *Nvidia Cuda Drivers* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

### Add activity dialog window screenshot

The screenshot shows the 'Add Activity' dialog window in the VDS interface. The dialog is titled 'Add Activity' and contains several sections:

- Activity Settings:** Includes fields for Name (InstallNvidiaCudaDrivers), Description, Deployment (VDSGCPDemo (xxx)), Script (InstallNvidiaCudaDrivers), and Arguments.
- Event Settings:** Includes a checkbox for 'Enabled' and a dropdown for 'Event Type' (Manual).
- Target Settings:** Includes a dropdown for 'Target Type' (App Services & Clients, Servers) and a list of 'Managed Servers' (4 item(s) selected).
- Filter By:** Includes a search bar and a list of servers (CWMGR1, CWT1, CWT2, NYMMTSD1).

The 'Add Activity' button is at the bottom right.

### Add Manual activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity runs when the VDS admin manually triggers the script.

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Manual* event type. Using *Create Server* would simply execute this script on all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).

#### To create an Activity and link this script to an action:

1. Navigate to the Scripted Events section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank

- **Enabled checkbox:** Check the box
- **Event Type:** Select `Manual` from dropdown
- **Target Type:** Select the `Servers` radio button
- **Managed Servers:** Check the box for each VM that should receive this uninstall.

## Scripted Event Documentation - Nvidia GRID Drivers

### Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

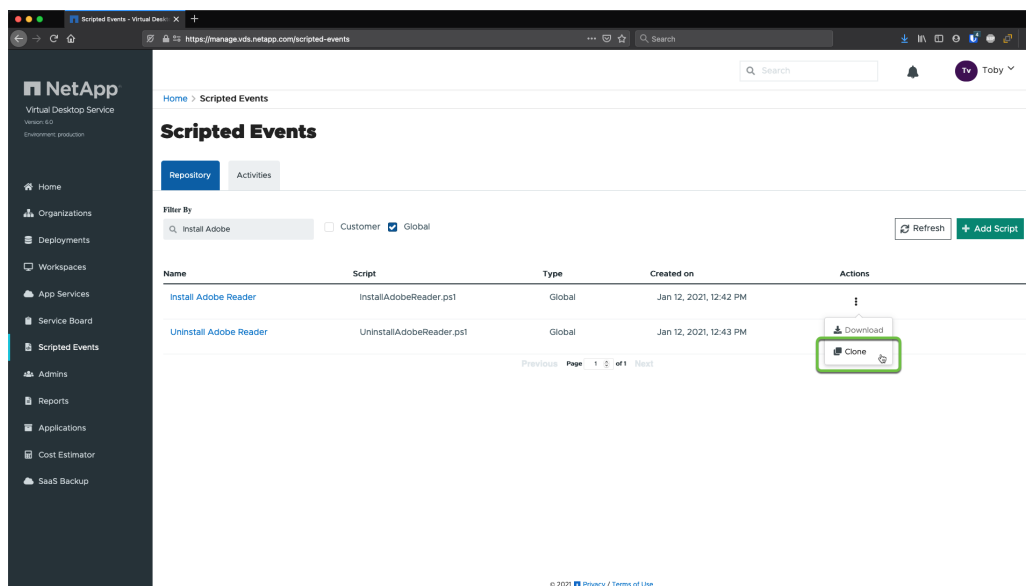
For this application, this article covers both the install/enable and uninstall/disable action.

### Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



### Nvidia GRID drivers overview

This script package installs/uninstalls *Nvidia GRID Drivers* using the Chocolatey package manager (<https://chocolatey.org/>) to do the deployment. Chocolatey is deployed by VDS when VMs are created but this script will also check and install Chocolatey as a prerequisite if it is missing.

### Add activity dialog window screenshot

**Add Activity**

**Activity Settings**

**Name** Required **Description** Required

InstallNvidiaGridDrivers Enter description...

**Deployment** Required **Script** Required **Arguments** Required

VDSGCPDemo (xxx) x InstallNvidiaGridDrivers x Enter arguments...

☒ **Enabled**

**Event Settings**

**Event Type** Required

Manual x

**Target Settings**

**Target Type**

☐ App Services & Clients ☒ Servers

**Managed Servers**

4 item(s) selected Show Clear

**Filter By**

☒ **Name**

☒ CWMGR1

☒ CWT1

☒ CWT2

☒ NYMMTSD1

Previous Page 1 of 1 Next

Cancel Add Activity

## Add Manual activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity runs when the VDS admin manually triggers the script.

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Manual* event type. Using *Create Server* would simply execute this script on all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).

### To create an Activity and link this script to an action:

1. Navigate to the Scripted Events section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Manual* from dropdown
  - **Target Type:** Select the *Servers* radio button
  - **Managed Servers:** Check the box for each VM that should receive this uninstall.

# Scripted Event Documentation - AVD Screen Capture Protection

## Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

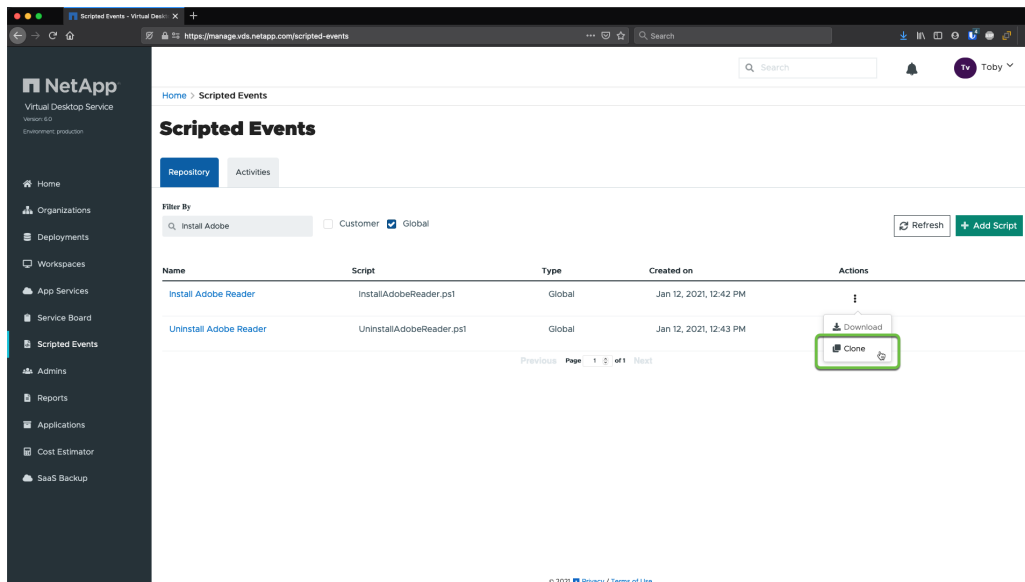
For this application, this article covers both the install/enable and uninstall/disable action.

## Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



## AVD Screen Capture Protection overview

This script package enables/disables the native AVD feature *screen capture protection* by executing the (relevant) command with Powershell:

Enable:

```
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services" /v fEnableScreenCaptureProtection /t REG_DWORD /d 1
```

Disable:

```
reg delete "HKLM\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services" /v fEnableScreenCaptureProtection /f
```



Microsoft documentation on this AVD feature can be found here:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/security-guide#session-host-security-best-practices>

## Add activity dialog window screenshot

The screenshot shows the 'Add Activity' dialog in the NetApp Virtual Desktop Service interface. The dialog is divided into several sections:

- Activity Settings:**
  - Name:** Manually Enable WVD Screen Capture Protection
  - Description:** Enter description...
  - Deployment:** VDMSazuredemo.onmicrosoft.com (uxv)
  - Script:** Enable WVD Screen Capture Protection (Global)
  - Arguments:** Enter arguments...
- Event Settings:**
  - Event Type:** Manual
- Target Settings:**
  - Target Type:** App Services & Clients (selected), Servers
- Managed Servers:**
  - 3 item(s) selected
  - Filter By: Keyword
  - List of servers: UXV, CWMGR1, TCSNTSD1, TCSNTS1, TCSNTS2 (selected)

At the bottom, there are 'Previous', 'Page 1 of 2', and 'Next' navigation links, along with 'Cancel' and 'Add Activity' buttons.

## Add Manual activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity runs when the VDS admin manually triggers the script.

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Manual* event type. Using *Create Server* would simply execute this script on all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).

### To create an Activity and link this script to an action:

1. Navigate to the Scripted Events section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank

- **Enabled checkbox:** Check the box
- **Event Type:** Select `Manual` from dropdown
- **Target Type:** Select the `Servers` radio button
- **Managed Servers:** Check the box for each VM that should receive this uninstall.

## Scripted Event Documentation - Zoom VDI AVD

### Global Scripts Overview

NetApp VDS includes a library of pre-defined scripted events that can be used directly in VDS environments and/or duplicated and used as the building blocks for custom scripted events.

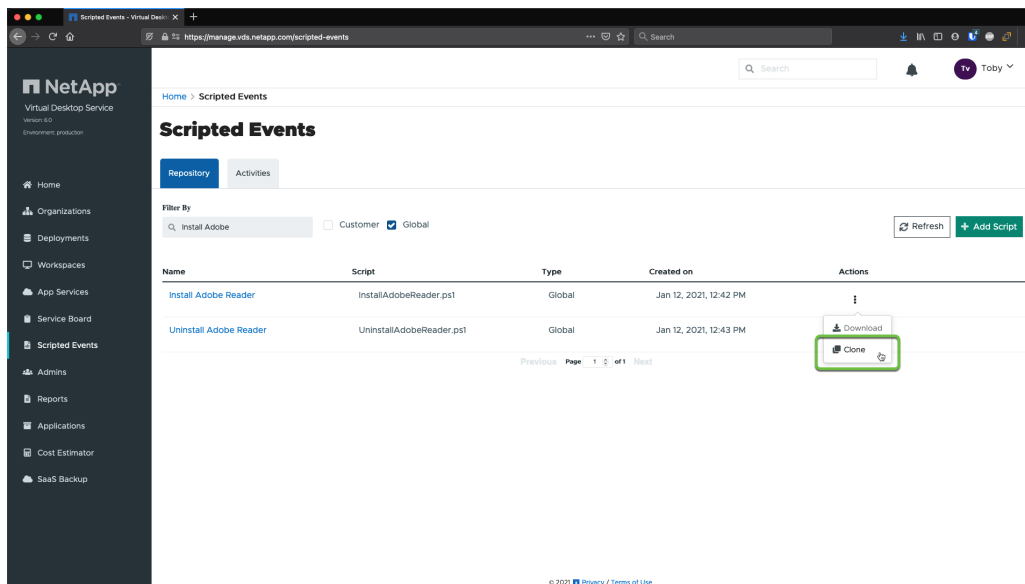
For this application, this article covers both the install/enable and uninstall/disable action.

### Global Script Use

Built-in scripted events such as this one are pre-populated, checking the "global" filter checkbox will display them.

Global Scripted Events such as this one are read-only. They can be used as-is or the "Clone" function can be used to create a customer copy for editing and use.

The Clone button is found in the action menu on the Scripted Events page.



### Zoom for VDI/AVD overview

This script package installs/uninstalls *Zoom VDI-AVD* using PowerShell to do the deployment.



Zoom performance is improved if audio redirection is also enabled for the VDI/AVD environment.

## Default shortcut path

The default shortcut path will be entered below, for this application the shortcut is: \\shortcuts\Zoom VDI.lnk

## Add activity dialog window screenshot

The screenshot shows the 'Add Activity' dialog in the NetApp Virtual Desktop Service console. The left sidebar contains navigation links like Home, Organizations, Deployments, Workspaces, App Services, Service Board, Scripted Events, Admin, Reports, Applications, Cost Estimator, and SaaS Backup. The main area is titled 'Add Activity' and includes the following fields:

- Activity Settings:**
  - Name: InstallZoomVDI-WVD (Required)
  - Description: Enter description...
  - Deployment: N/A (N/A) (Required)
  - Script: Install Zoom VDI-WVD (Customer) (Required)
  - Arguments: Enter arguments...
- Enabled:** A checked checkbox.
- Event Settings:**
  - Event Type: Application Install (Required)
- Target Settings:**
  - Application: Zoom VDI (Required)
  - Shortcut Path: \\shortcuts\Zoom VDI.lnk (Required)

At the bottom right are 'Cancel' and 'Add Activity' buttons. The footer shows '© 2021 NetApp Privacy / Terms of Use'.

## Add application install/uninstall activity

In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this example activity will install/uninstall this application when the app is added to or removed from the workspace (from the *Workspace > Applications* page in VDS).

VDS scripted events offers many other types of activity triggers such as *Create Server* which could be used as an alternative to the *Application Install* (or *Application Uninstall*) event type. Using *Create Server* would simply run this app install against all newly created VMs in VDS. *Create Server* and other triggers are documented and can be explored [here](#).



This application will need to be present in the VDS application library. This [section](#) of the app entitlement for RDS article covers adding apps to the library.

### To create an activity and link this script to an action:

1. Navigate to the *Scripted Events* section in VDS
2. Under *Activities* click + *Add Activity*
3. In the opened dialog window enter the following information:
  - **Name:** Name this activity
  - **Description:** Optionally enter a description
  - **Deployment** Select the desired deployment from dropdown
  - **Script:** Select the install (or uninstall) script from the dropdown. This could be the global script or customer script you've cloned and customized.
  - **Arguments:** Leave blank
  - **Enabled checkbox:** Check the box
  - **Event Type:** Select *Application Install* (or *Application Uninstall*) from dropdown

- **Application:** Select this application from dropdown
- **Shortcut Path:** Enter the default shortcut path for this application (noted above)

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