Scripted Event Documentation - Nvidia Cuda Drivers

Virtual Desktop Service

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NetApp®

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Scripted Event Documentation - Nvidia Cuda Drivers

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 and uninstall action. For each of these two actions, there is a summary of the script and an example of an activity (trigger) that can be applied to implement the script.

Jump to Section:

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.

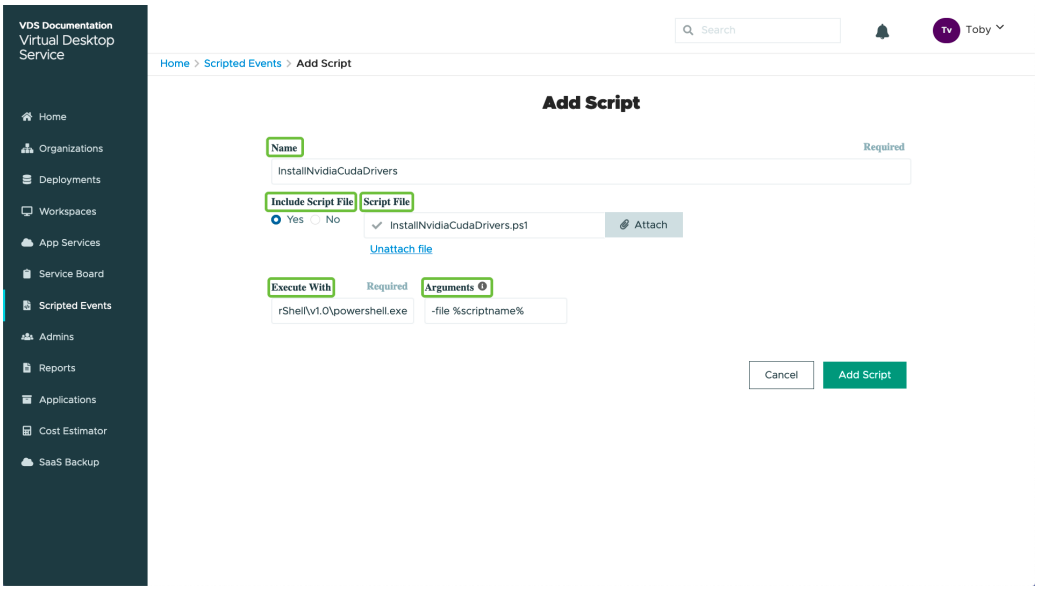
Install Script

Suggested Add Script Settings for Install

Built-in scripted events such as this one are pre-populated, can't be edited and don't need to be created. These "Suggested Add Script Settings" are simply for reference. To learn how to link this script to an activity, jump to the Suggested Add Activity Settings section below.

- **Name:** Enter `InstallNvidiaCudaDrivers`
- **Include Script File:** Select `Yes`
- **Script File:** Select script file and upload (InstallNvidiaCudaDrivers.ps1)
- **Execute With:** Enter `C:\Windows\system32\WindowsPowerShell\v1.0\powershell.exe`

Add Script Dialog Window Screenshot



Suggested Add Activity Settings for Install

This example activity will install this application when the app is added to the Workspace in the VDS interface. 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" 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.

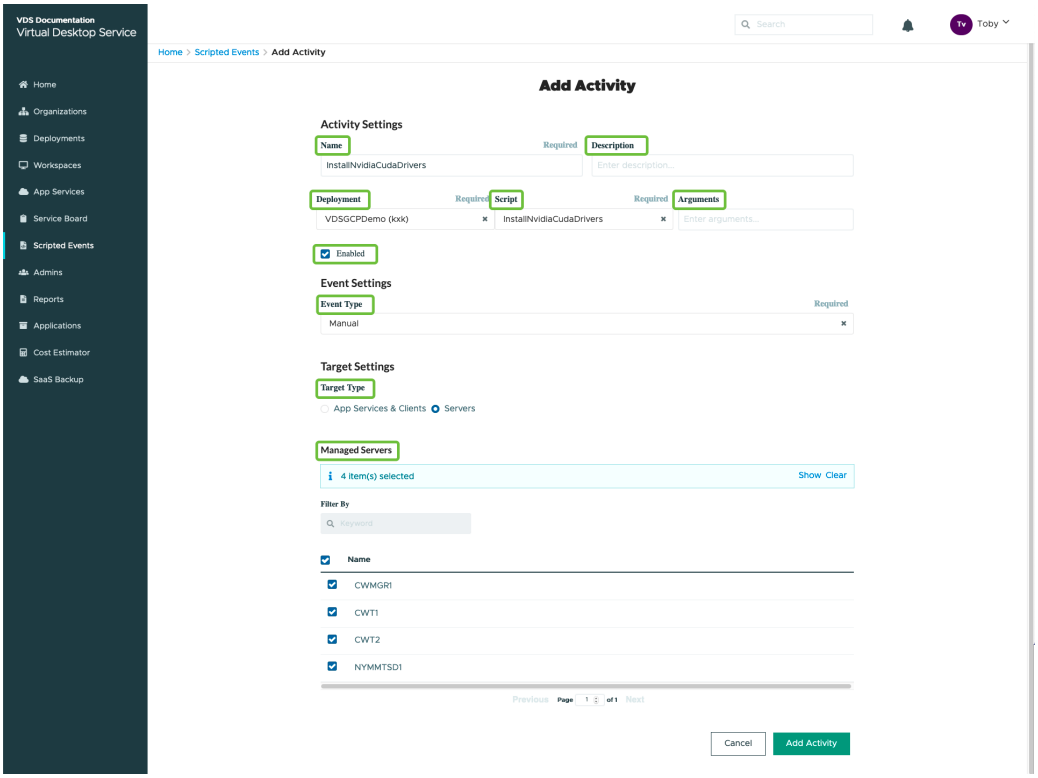
In order for a script in the repository to take any action, an activity must be created to associate that script with a selected trigger. In this case, the activity will link the existing script to the *Application Install* trigger. Once configured, the action of adding this application to a workspace (from the *Workspace* > *Applications* page in VDS) will trigger this script to install this application on all appropriate session hosts in the selected deployment.

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:** Enter `InstallNvidiaCudaDrivers`
    - **Description:** Optionally enter a description
    - **Deployment** Select the desired deployment from dropdown
    - **Script:** Select `InstallNvidiaCudaDrivers` from the dropdown
    - **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 install.

Add Activity Dialog Window Screenshot



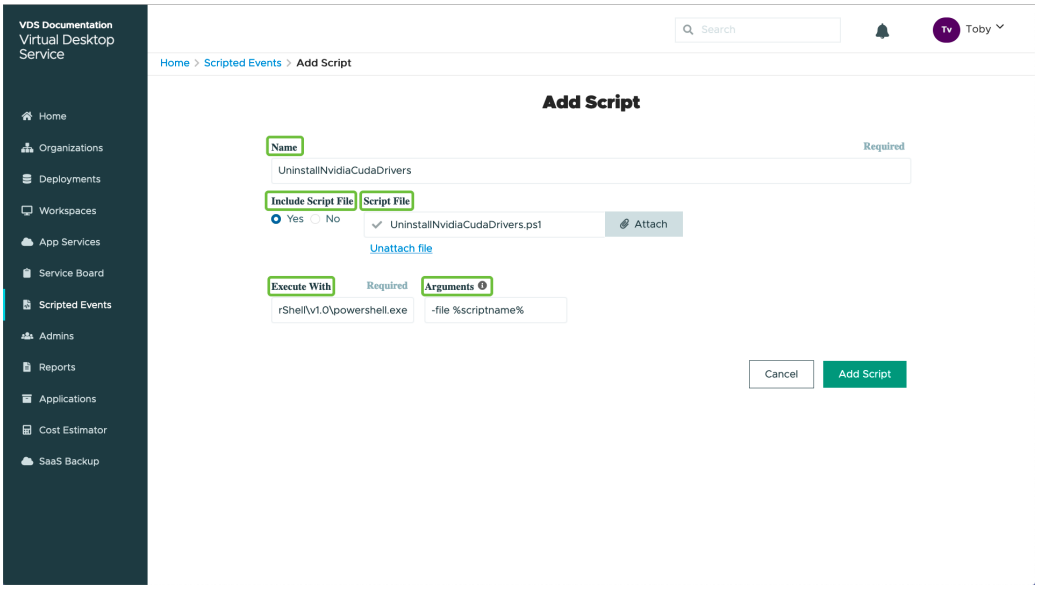
Uninstall Script

Suggested Add Script Settings for Uninstall

Built-in scripted events such as this one are pre-populated, can't be edited and don't need to be created. These "Suggested Add Script Settings" are simply for reference. To learn how to link this script to an activity, jump to the Suggested Add Activity Settings section below.

- **Name:** Enter `UninstallNvidiaCudaDrivers`
- **Include Script File:** Select `Yes`
- **Script File:** Select script file and upload (UninstallNvidiaCudaDrivers.ps1)
- **Execute With:** Enter `C:\Windows\system32\WindowsPowerShell\v1.0\powershell.exe`

Add Script Dialog Window Screenshot



Suggested Add Activity Settings for Uninstall

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 case, the activity will link the existing script to the *Application Install* trigger. Once configured, the action of adding this application to a workspace (from the *Workspace* > *Applications* page in VDS) will trigger this script to install this application on all appropriate session hosts in the selected deployment.

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:** Enter `UninstallNvidiaCudaDrivers`
    - **Description:** Optionally enter a description
    - **Deployment** Select the desired deployment from dropdown
    - **Script:** Select `UninstallNvidiaCudaDrivers` from the dropdown
    - **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.

Add Activity Dialog Window Screenshot