The Powershell Book Generator
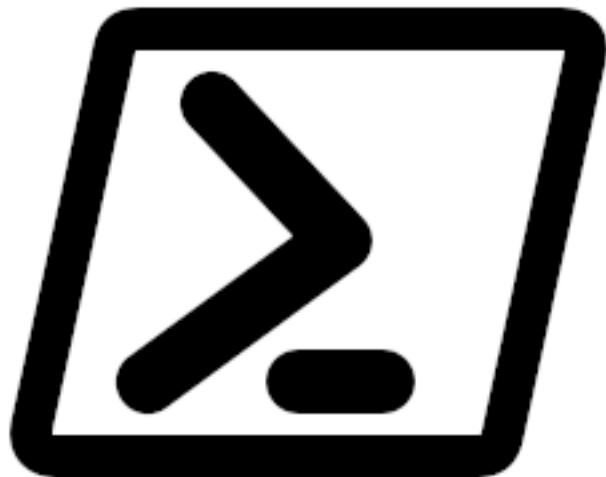
PowerShell with AppvClient

Table Of Contents

Cmdlet: Add-AppvClientConnectionGroup

Synops

Creates a composition of multiple packages.

Syntax

```
Add-AppvClientConnectionGroup [-Path] <String>
[<CommonParameters>]
```

Description

The Add-AppvClientConnectionGroup cmdlet creates an Microsoft Application Virtualization (App-V) connection group. In order for the group to be applied, all packages in the group must be added to the target computer, and must not be running.

This cmdlet can also be used to update an already existing connection group definition.

Parameters

Parameter :**Path**

Description :Specifies the App-V connection group definition file.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue,ByPropertyName)
Accept wildcard characters?	false

Cmdlet: Add-AppvClientPackage

Synops

Adds a package to a computer running the App-V client.

Syntax

```
Add-AppvClientPackage [-Path] <String> [[-
DynamicDeploymentConfiguration] <String>] [<CommonParameters>]
```

Description

The Add-AppvClientPackage cmdlet adds a new package to a computer that runs the Microsoft Application Virtualization (App-V) client. You can also upgrade an existing package running on a computer that runs the App-V client. The newly added package or package version is registered with the App-V client.

If the package already exists on the computer, but the package to be added is a different version, the new version is added. Existing versions remain unchanged.

Parameters

Parameter :**DynamicDeploymentConfiguration**

Description :Specifies the path of a dynamic deployment configuration file for the specified App-V package to be added. The cmdlet uses the dynamic deployment configuration file to override the default configuration provided in the package manifest.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Path**

Description :Specifies the location of the .appv file that contains the package to be added. This value can be a local directory, a network directory, or an HTTP or HTTPS URL.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue,ByPropertyName)
Accept wildcard characters?	false

Examples

Example 1: Add a package to the client

This command adds a new package to the client computer. If the package is a different version of an already existing package, the App-V agent adds this new version, but does not modify any existing versions. Since no computer policy is provided, the package receives the default computer policy.

```
PS C:\> Add-AppvClientPackage -Path
"http://MyServer/content/package.APPV"
```

Example 2: Add a package with a configuration file

This command adds a package with a Dynamic Deployment Configuration file.

```
PS C:\> Add-AppvClientPackage -Path
"http://MyServer/content/package.appv" -
DynamicDeploymentConfiguration
"C:\MyConfigfiles\DynamicDeploymentConfig.xml"
```

Example 3: Add a package to the client and store the result

This command adds a new package to the client and assigns the resulting AppvClientPackage object to the variable $Package.

```
PS C:\> $Package = Add-AppvClientPackage -Path
"http://MyServer/content/package.APPV"
```

Cmdlet: Add-AppvPublishingServer

Synops

Adds a publishing server for the computer that runs the App-V client.

Syntax

```
Add-AppvPublishingServer [-Name] <String> [[-
UserRefreshIntervalUnit] <IPublishingServer+IntervalUnit>] [-URL]

    <String> [[-GlobalRefreshEnabled] <Boolean>] [[-
GlobalRefreshOnLogon] <Boolean>] [[-GlobalRefreshInterval]
    <UInt32>] [[-GlobalRefreshIntervalUnit]
<IPublishingServer+IntervalUnit>] [[-UserRefreshEnabled]
<Boolean>]
    [[-UserRefreshOnLogon] <Boolean>] [[-UserRefreshInterval]
<UInt32>] [<CommonParameters>]
```

Description

The Add-AppvPublishingServer cmdlet adds a new publishing server for the computer that runs the Microsoft Application Virtualization (App-V) client to connect to. After the server has been added, the computer that runs the App-V client can use the server to obtain publishing refresh data, stream packages, and perform other operations.

Parameters

Parameter :**GlobalRefreshEnabled**

Description :Specifies whether to turn on the refreshing of the publishing server for all packages that are published globally. You can set the refresh to be at the time of logon or on a defined time interval.

Required	false
Position	3
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GlobalRefreshInterval**

Description :Specifies the time interval for the refresh of globally published packages.

Required	false
Position	5
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GlobalRefreshIntervalUnit**

Description :Specifies the unit of time measurement. The acceptable values for this parameter are: day and hour.

Required	false
Position	6
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GlobalRefreshOnLogon**

Description :Specifies whether a refresh of all packages published to globally occurs every time that a user logs into the target computer.

Required	false
Position	4
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the publishing server.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**URL**

Description :Specifies the URL path of the App-V publishing server.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshEnabled**

Description :Specifies whether to turn on the refreshing of the publishing server for all packages that are published to the user. The refresh can be set to be at the time of logon or on a defined time interval.

Required	false
Position	7
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshInterval**

Description :Specifies the time interval for refreshes of user-published packages.

Required	false
Position	9
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshIntervalUnit**

Description :Specifies the unit of time measurement. The acceptable values for this parameter are: day and hour.

Required	false
Position	10
Default value	none

Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshOnLogon**

Description :Specifies whether a refresh of all packages published to the user occurs every time that a user logs into the target computer.

Required	false
Position	8
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Cmdlet: Disable-Appv

Synops

Disables the App-V service.

Syntax

```
Disable-Appv [<CommonParameters>]
```

Description

The Disable-Appv cmdlet disables the Microsoft Application Virtualization (App-V) service on Windows 10 Anniversary Edition computers. This cmdlet disables the download of all App-V apps from App-V Server or System Center 2016 Configuration Manager. If this cmdlet succeeds, it returns a message. You must restart the computer for the change to take effect.

Parameters

Cmdlet: Disable-AppvClientConnectionGroup

Synops

Disables a connection group on the computer running the App-V client.

Syntax

```
Disable-AppvClientConnectionGroup [-ConnectionGroup]
<AppvClientConnectionGroup> [-Global] [-UserSID <String>]
    [<CommonParameters>]



Disable-AppvClientConnectionGroup [-GroupId] <Guid> [-VersionId]
<Guid> [-Global] [-UserSID <String>]
    [<CommonParameters>]



Disable-AppvClientConnectionGroup [-Name] <String> [-Global] [-
UserSID <String>] [<CommonParameters>]
```

Description

The Disable-AppvClientConnectionGroup cmdlet disables an already existing connection group on the computer that runs the Microsoft Application Virtualization (App-V) client.

Parameters

Parameter :**ConnectionGroup**

Description :Specifies an App-V Connection Group object.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that this cmdlet disables the connection group is disabled for all

users that log into the target computer. Otherwise, it disables the connection group only for the currently running user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the GUID associated with a specific connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the App-V connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserSID**

Description :Specifies the SID of the intended user, in the form of S-1-2-34-56789012-3456789012-345678901-2345. This parameter requires elevated rights to run.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates the connection group version from other versions. If you do not specify this parameter, the cmdlet operates on all versions of the connection group.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Disable a connection group by using its name

This command disables the connection group named MyGroup.

```
PS C:\> Disable-AppvClientConnectionGroup -Name "MyGroup"
```

Example 2: Disable a connection group by using its ID

This command disables the connection group that has the group ID 35ec9e5f-ab21-463f-8fe6-b90d4b66d182.

```
PS C:\> Disable-AppvClientConnectionGroup -GroupID 35ec9e5f-
ab21-463f-8fe6-b90d4b66d182
```

Example 3: Disable all connection groups by names that match a string

This command gets all the connection groups that have the string MyGr in the name, and then disables them.

```
PS C:\> Get-AppvClientConnectionGroup -Name "MyGr*" | Disable-
AppvClientConnectionGroup
```

Cmdlet: Enable-Appv

Synops

Enables the App-V service.

Syntax

```
Enable-Appv [<CommonParameters>]
```

Description

The Enable-Appv cmdlet enables the Microsoft Application Virtualization (App-V) service on Windows 10 Anniversary Edition computers. If this cmdlet succeeds, it returns a message.

Before you enable the App-V service, configure App-V service settings by using Windows PowerShell or Group Policy.

Parameters

Cmdlet: Enable-AppvClientConnectionGroup

Synops

Enables a running connection group on the computer running the App-V client.

Syntax

```
Enable-AppvClientConnectionGroup [-ConnectionGroup]
<AppvClientConnectionGroup> [-Global] [-UserSID <String>]
    [<CommonParameters>]
```

```
Enable-AppvClientConnectionGroup [-GroupId] <Guid> [-VersionId]
<Guid> [-Global] [-UserSID <String>]
    [<CommonParameters>]
```

```
Enable-AppvClientConnectionGroup [-Name] <String> [-Global] [-
UserSID <String>] [<CommonParameters>]
```

Description

The Enable-AppvClientConnectionGroup cmdlet enables a connection group to the computer that runs the Microsoft Application Virtualization (App-V) client.

Parameters

Parameter :**ConnectionGroup**

Description :Specifies an App-V Connection Group object.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that this cmdlet enables the connection group is disabled for all

users that log into the target computer. Otherwise, it enables the connection group only for the currently running user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the ID associated with a connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the App-V connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserSID**

Description :Specifies the SID of the intended user, in the form of S-1-2-34-56789012-3456789012-345678901-2345. This parameter requires elevated rights to run.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a connection group version from other versions. If you do not specify this parameter, the cmdlet operates on all versions of the connection group.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Enable a connection group by using its name

This command enables the connection group named MyGroup to all users on the computer.

```
PS C:\> Enable-AppvClientConnectionGroup -Name "MyGroup" -
Global
```

Example 2: Enable a connection group by using its ID

This command enables the connection group that has the group ID 35ec9e5f-ab21-463f-8fe6-b90d4b66d182.

```
PS C:\> Enable-AppvClientConnectionGroup -GroupID 35ec9e5f-
ab21-463f-8fe6-b90d4b66d182
```

Example 3: Enable all connection groups by names that match a string

This command finds all connection groups that have the string MyGr in the name, and then enables them.

```
PS C:\> Get-AppvClientConnectionGroup -Name "MyGr*" | Enable-
AppvClientConnectionGroup
```

Cmdlet: Get-AppvClientApplication

Synops

Returns applications that are part of App-V Client Packages.

Syntax

```
Get-AppvClientApplication [[-Name] <String>] [[-Version]
<String>] [-All] [<CommonParameters>]
```

Description

The Get-AppvClientApplication cmdlet returns a set of applications that are part of Microsoft Application Virtualization (App-V) Client Packages, based on the criteria provided.

Parameters

Parameter :**All**

Description :Indicates that the cmdlet returns all applications that have been added to the computer, not just those that are visible to the current user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the application. This value is obtained from the package manifest.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of the application. If you do not specify this parameter, the cmdlet operates on all available versions of the applications on the target computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Get a version of an application for the current user

This command gets the application on the client that is published to the user and has the name AppName and is version 1.

```
PS C:\> Get-AppvClientApplication -Name "AppName" -Version 1
```

Example 2: Get all applications

This command gets all of the applications on the client.

```
PS C:\> Get-AppvClientApplication -All
```

Cmdlet: Get-AppvClientConfiguration

Synops

Returns the configuration for the App-V client.

Syntax

```
Get-AppvClientConfiguration [[-Name] <String>]
[<CommonParameters>]
```

Description

The Get-AppvClientConfiguration cmdlet returns an object that contains all of the settings and permissions for the Microsoft Application Virtualization (App-V) client. These settings include both App-V client settings and permissions.

If a particular setting is specified, the cmdlet returns the value for that setting.

Parameters

Parameter :**Name**

Description :Specifies the name of a setting.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Outputs

The cmdlet returns an AppvClientConfiguration object, if you do not specify the Name parameter. The object is displayed as a two column table. The first column contains the specific configuration and the second column contains the associated current value.

If you specify Name, the cmdlet returns the same two column table, but only for the configuration requested.

Type : Microsoft.AppV.AppvClientPowerShell.AppvClientConfiguration

Examples

Example 1: Display all configuration settings

This command displays all of the App-V Client Configuration settings.

```
PS C:\> Get-AppvClientConfiguration
```

Example 2: Display a single configuration setting

This command displays the value of the PackageSourceRoot setting.

```
PS C:\> Get-AppvClientConfiguration -Name "PackageSourceRoot"
```

Cmdlet: Get-AppvClientConnectionGroup

Synops

Returns an App-V connection group object.

Syntax

```
Get-AppvClientConnectionGroup [[-Name] <String>] [-All]
[<CommonParameters>]
```

```
Get-AppvClientConnectionGroup [-GroupId] <Guid> [[-VersionId]
<Guid>] [-All] [<CommonParameters>]
```

Description

The Get-AppvClientConnectionGroup cmdlet returns a specific Microsoft Application Virtualization (App-V) connection group object.

Parameters

Parameter :**All**

Description :Indicates that the cmdlet returns all connection groups that have been added to the computer, not just those that are enabled to the current user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the GUID of specific connection group.

Required	true
Position	1
Default value	none

Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the App-V Connection Group.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Get all versions of a group by name

This command gets all versions of the enabled connection groups named MyConnectionGroup.

```
PS C:\> Get-AppvClientConnectionGroup -Name
"MyConnectionGroup"
```

Example 2: Get a connection group by using its ID

This command gets the enabled connection group that has the group ID of 793afd37-bd68-4ea1-859a-669f6afd0aa8.

```
PS C:\> Get-AppvClientConnectionGroup -GroupID 793afd37-bd68-
4ea1-859a-669f6afd0aa8
```

Example 3: Get all connection groups

This command gets all of the connection groups on the computer.

```
PS C:\> Get-AppvClientConnectionGroup -All
```

Cmdlet: Get-AppvClientMode

Synops

Displays the mode for the App-V Client.

Syntax

```
Get-AppvClientMode [<CommonParameters>]
```

Description

The Get-AppvClientMode cmdlet displays the mode to which the Microsoft Application Virtualization (App-V) Client is currently. The valid values are Normal and Uninstall.

Parameters
Outputs

This cmdlet generates AppvClientMode object that describes the current App-V Client mode, either Normal or Uninstall.

Type : Microsoft.AppV.AppvClientPowerShell.AppvClientMode

Cmdlet: Get-AppvClientPackage

Synops

Returns App-V Client Packages.

Syntax

```
Get-AppvClientPackage [[-Name] <String>] [[-Version] <String>] [-All] [<CommonParameters>]
```

```
Get-AppvClientPackage [-PackageId] <Guid> [[-VersionId] <Guid>] [-All] [<CommonParameters>]
```

Description

The Get-AppvClientPackage cmdlet returns a set of Microsoft Application Virtualization (App-V) Client Packages based on the criteria provided.

Parameters

Parameter :**All**

Description :Indicates that the cmdlet uses the set of all packages added to the computers as the searchable set. If not provided, the cmdlet only uses packages that are entitled to the current user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the package given during Sequencing time. This value is obtained from the package manifest.

Required	false

Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies the GUID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the App-V Sequencer. The package ID is shared by all versions of a package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in one specific lineage. If you do not specify this parameter, the cmdlet operates on available versions of the package on the target computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies the GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do specify this parameter, the cmdlet operates on all versions of a package.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Get packages that have names that match a string

This command gets the set of packages that have names that start with the string MyApp.

```
PS C:\> Get-AppvClientPackage -Name "MyApp*" -All
```

Example 2: Get a specific version of a package by name

This command gets the version 4 of the package named MyApp.

```
PS C:\> Get-AppvClientPackage -Name "MyApp" -Version 4
```

Example 3: Get a package by using its package ID

This command gets the package with the package ID of 793afd37-bd68-4ea1-859a-669f6afd0aa8.

```
PS C:\> Get-AppvClientPackage -PackageID 793afd37-bd68-4ea1-859a-669f6afd0aa8
```

Cmdlet: Get-AppvPublishingServer

Synops

Returns App-V Server objects.

Syntax

```
Get-AppvPublishingServer [[-Name] <String>] [[-URL] <String>]
[<CommonParameters>]
```

```
Get-AppvPublishingServer [[-ServerId] <UInt32>]
[<CommonParameters>]
```

Description

The Get-AppvPublishingServer cmdlet returns an Microsoft Application Virtualization (App-V) Server object or set of App-V Server objects based on the criteria provided.

Parameters

Parameter :**Name**

Description :Specifies the name of the App-V publishing server.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ServerId**

Description :Specifies the unique identifier of the App-V Publishing Server.

Required	false
Position	1
Default value	none
Accept pipeline input?	false

Accept wildcard characters?	false

Parameter :**URL**

Description :Specifies the URL path of the App-V Publishing server.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Get servers by friendly name

This command gets all publishing servers that have friendly names that start with the string Server.

```
PS C:\> Get-AppvPublishingServer -Name "Server*"
```

Example 2: Get servers by server ID name

This command gets the publishing server that has the specified ID.

```
PS C:\> Get-AppvPublishingServer -ServerId 1
```

Cmdlet: Get-AppvStatus

Synops

Gets the status of the App-V service.

Syntax

```
Get-AppvStatus [<CommonParameters>]
```

Description

The Get-AppvStatus cmdlet gets the status of the Microsoft Application Virtualization (App-V) service. This cmdlet returns a value of $True or $False for whether App-V is enabled and whether a restart is required.

Parameters

Cmdlet: Get-AppvVirtualProcess

Synops

Displays the virtual processes running on a computer.

Syntax

```
Get-AppvVirtualProcess [[-Name] <String[]>] [-ComputerName
<String[]>] [-FileVersionInfo] [-Module]
    [<CommonParameters>]



Get-AppvVirtualProcess [-ComputerName <String[]>] [-
FileVersionInfo] [-Module] -Id <Int32[]> [<CommonParameters>]



Get-AppvVirtualProcess [-ComputerName <String[]>] [-
FileVersionInfo] [-Module] [<CommonParameters>]
```

Description

The Get-AppvVirtualProcess cmdlet displays each of the virtual processes that are running on a computer.

Parameters

Parameter :**ComputerName**

Description :Specifies an array of computer names.

Required	false
Position	named
Default value	none
Accept pipeline input?	true(ByPropertyName)
Accept wildcard characters?	false

Parameter :**FileVersionInfo**

Description :Indicates that this cmdlet returns the ProductVersion, FileVersion and un-virtualized Filename for each ProcessName.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Id**

Description :Specifies the Virtual Process ID.

Required	true
Position	named
Default value	none
Accept pipeline input?	true(ByPropertyName)
Accept wildcard characters?	false

Parameter :**Module**

Description :Specifies a module.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of a process, which is also known as ProcessName.

Required	false
Position	1
Default value	none
Accept pipeline input?	true(ByPropertyName)
Accept wildcard characters?	false

Examples

Example 1: Display all active virtual processes

This command displays all active virtual processes.

```
PS C:\>Get-AppvVirtualProcess
```

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Example 2: Display file information for a virtual process

This command displays file information for the process named myVirtualProcess.

```
PS C:\>Get-AppvVirtualProcess –Name "myVirtualProcess" -
FileVersionInfo
```

Example 3: Display file information for a virtual process by using the pipeline operator

This command displays file information for the process named myVirtualProcess.

```
PS C:\>Get-Process –Name "myVirtualProcess" | Get-
AppvVirtualProcess -FileVersionInfo
```

Cmdlet: Mount-AppvClientConnectionGroup

Synops

Streams the contents of packages to the local disk.

Syntax

```
Mount-AppvClientConnectionGroup [-ConnectionGroup]
<AppvClientConnectionGroup> [<CommonParameters>]
```

```
Mount-AppvClientConnectionGroup [-GroupId] <Guid> [-VersionId]
<Guid> [<CommonParameters>]
```

```
Mount-AppvClientConnectionGroup [-Name] <String>
[<CommonParameters>]
```

Description

The Mount-AppvClientConnectionGroup cmdlet streams the contents of all packages in a connection group to the local disk.

Parameters

Parameter :**ConnectionGroup**

Description :Specifies the Microsoft Application Virtualization (App-V) Connection Group object.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the group ID of specific connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the App-V Connection Group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies the GUID that differentiates a Connection Group version from other versions. If you do not specify this parameter, the cmdlet operates on all versions of the connection group.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Download packages for a named group

This command downloads all packages that are part of the enabled connection group named MyGroup.

```
PS C:\> Mount-AppvClientConnectionGroup -Name "MyGroup"
```

Example 2: Download packages for a group by using group ID

This cmdlet downloads all the packages that are part of the enabled connection group

that has the group ID 793afd37-bd68-4ea1-859a-669f6afd0aa8.

```
PS C:\> Mount-AppvClientConnectionGroup -GroupID 793afd37-
bd68-4ea1-859a-669f6afd0aa8
```

Example 3: Download packages for groups that match a string

This command gets all enabled connection groups that have the string MyGr in the name, and then downloads all of the packages in those connection groups.

```
PS C:\> Get-AppvClientConnectionGroup -Name "MyGr*" | Mount-
AppvClientConnectionGroup
```

Cmdlet: Mount-AppvClientPackage

Synops

Loads a package into the App-V cache.

Syntax

```
Mount-AppvClientPackage [-PackageId] <Guid> [-VersionId] <Guid>
[-Cancel] [<CommonParameters>]


Mount-AppvClientPackage [-Package] <AppvClientPackage> [-Cancel]
[<CommonParameters>]


Mount-AppvClientPackage [-Name] <String> [[-Version] <String>]
[<CommonParameters>]
```

Description

The Mount-AppvClientPackage cmdlet initiates or resumes the loading of an Microsoft Application Virtualization (App-V) package into the cache.

Parameters

Parameter :**Cancel**

Description :Indicates that the cmdlet stops the loading of a package.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the package given during sequencing time. This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies a GUID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the App-V Sequencer. The package IDs are shared by all versions of a specific package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in one lineage. If you do not specify this parameter, the cmdlet operates on all versions on the computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Get a specific version of a package

This command downloads the version 2 of the package named MyApp.

```
PS C:\> Mount-AppvClientPackage -Name "MyApp" -Version 2
```

Example 2: Get all versions of a package

This command downloads the all versions of the package named MyApp.

```
PS C:\> Mount-AppvClientPackage -Name "MyApp"
```

Example 3: Download all packages that match a string

This command gets all packages that have the string My in the name, and then downloads them.

```
PS C:\> Get-AppvClientPackage -Name "My*" | Mount-
AppvClientPackage
```

Example 4: Download and publish a new package

This command adds the package from the path specified, downloads it, and then publishes it to all users on the computer.

```
PS C:\> Add-AppvClientPackage -Path
"http://MyServer/content/package.Appv" | Mount-
AppvClientPackage | Publish-AppvClientPackage -Global
```

Example 5: Cancel a download

This command cancels the download of the package name MyApp.

```
PS C:\> Mount-AppvClientPackage -Name "MyApp" -Cancel
```

Cmdlet: Publish-AppvClientPackage

Synops

Publishes the App-V package.

Syntax

```
Publish-AppvClientPackage [-PackageId] <Guid> [-VersionId] <Guid>
[[-DynamicUserConfigurationPath] <String>]
    [-DynamicUserConfigurationType {UseDeploymentConfiguration |
UseNoConfiguration | UseExistingConfiguration}]
    [-Global] [-UserSID <String>] [<CommonParameters>]


Publish-AppvClientPackage [-Package] <AppvClientPackage> [[-
DynamicUserConfigurationPath] <String>]
    [-DynamicUserConfigurationType {UseDeploymentConfiguration |
UseNoConfiguration | UseExistingConfiguration}]
    [-Global] [-UserSID <String>] [<CommonParameters>]


Publish-AppvClientPackage [-Name] <String> [[-Version] <String>]
[-DynamicUserConfigurationPath <String>]
    [-DynamicUserConfigurationType {UseDeploymentConfiguration |
UseNoConfiguration | UseExistingConfiguration}]
    [-Global] [-UserSID <String>] [<CommonParameters>]
```

Description

The Publish-AppvClientPackage cmdlet publishes the appropriate extension points of a set of Microsoft Application Virtualization (App-V) packages. Examples of common extension points include shortcuts and FTAs. You can publish the package to the current user or to all users that log into the targeted computer. You can also provide a Dynamic User Configuration file for the package.

Parameters

Parameter :**DynamicUserConfigurationPath**

Description :Specifies the path of a Dynamic User configuration file for the specified App-

V package to be added. The cmdlet uses the Dynamic User Configuration file to override the default behavior provided in the user section of the package manifest or the Dynamic Deployment Configuration.

Required	false
Position	3
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**DynamicUserConfigurationType**

Description :Specifies what should be done without a defined dynamic user configuration file. The acceptable values for this parameter are:

-- UseDeploymentConfiguration. The package uses the user configuration part of deployment configuration.
-- UseNoConfiguration. Clear any previous configuration and use settings from the manifest.
-- UseExistingConfiguration. Make no changes to the configuration and use the last published configuration.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that the provided package is published to all users that log into the targeted computer. Otherwise, the packages are only published to the currently running user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the package given when it was sequenced. This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies a GUID that identifies the package. The information can be found in the package manifest or by opening the package in the App-V sequencer. The package ID is shared by all versions of a package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserSID**

Description :Specifies the SID of the intended user, in the form of S-1-2-34-56789012-3456789012-345678901-2345. This parameter requires elevated rights to run.

Required	false
Position	named
Default value	none

Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in a lineage. If you do not specify this parameter, the cmdlet operates on the latest of the package on the computer running the App-V client.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions. If you do not specify this parameter, the cmdlet operates on the latest version of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Publish a version of a package to all users

This command publishes version 1 of the package named MyApp to all users on the computer and applies the Dynamic User Configuration policy file.

```
PS C:\> Publish-AppvClientPackage -Name "MyApp" -Version 1 -
Global -DynamicUserConfiguration
"C:\content\policies\MyApp.policy"
```

Example 2: Publish a version of a package to a user

This command publishes version 1 of the package named "MyApp" to the user and applies the Dynamic User Configuration policy file.

```
PS C:\> Publish-AppvClientPackage -Name "MyApp" -Version 1 -
UserPolicy "C:\content\policies\MyAppConfiguration.xml"
```

Example 3: Publish the latest version of a package to all users

This command publishes the package named MyApp to all users on the computer.

```
PS C:\> Publish-AppvClientPackage -Name "MyApp" -Global
```

Cmdlet: Remove-AppvClientConnectionGroup

Synops

Deletes an App-V connection group on the client.

Syntax

```
Remove-AppvClientConnectionGroup [-ConnectionGroup]
<AppvClientConnectionGroup> [<CommonParameters>]


Remove-AppvClientConnectionGroup [-GroupId] <Guid> [-VersionId]
<Guid> [<CommonParameters>]


Remove-AppvClientConnectionGroup [-Name] <String>
[<CommonParameters>]
```

Description

The Remove-AppvClientConnectionGroup cmdlet deletes an existing Microsoft Application Virtualization (App-V) connection group on the client. All packages that were in the group are separated.

Parameters

Parameter :**ConnectionGroup**

Description :Specifies an App-V Connection Group object.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the GUID of specific connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the App-V Connection Group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies the GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Remove a named connection group

This command removes the connection group named MyGroup from the computer.

```
PS C:\> Remove-AppvClientConnectionGroup -Name "MyGroup"
```

Example 2: Remove a connection group by using its ID

This command removes the connection group that has the group ID 35ec9e5f-ab21-463f-8fe6-b90d4b66d182.

```
PS C:\> Remove-AppvClientConnectionGroup -GroupID 35ec9e5f-
ab21-463f-8fe6-b90d4b66d182
```

Example 3: Remove all connection groups that have names that match a string

This command finds any connection group that has the string MyGr in the name, and then removes them from the computer.

```
PS C:\> Get-AppvClientConnectionGroup -Name "MyGr*" | Remove-
AppvClientConnectionGroup
```

Cmdlet: Remove-AppvClientPackage

Synops

Removes the package from a computer.

Syntax

```
Remove-AppvClientPackage [-Name] <String> [[-Version] <String>]
[<CommonParameters>]
```

```
Remove-AppvClientPackage [-Package] <AppvClientPackage>
[<CommonParameters>]
```

```
Remove-AppvClientPackage [-PackageId] <Guid> [-VersionId] <Guid>
[<CommonParameters>]
```

Description

The Remove-AppvClientPackage cmdlet removes the package from computer that runs the Microsoft Application Virtualization (App-V) client. The cmdlet deletes the AppvClientPackage object.

Parameters

Parameter :**Name**

Description :Specifies the friendly name of the package given during sequencing. This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies the package ID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the sequencer. The package ID is shared by all versions of a specific package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in a lineage. If you do not specify this parameter, the cmdlet operates on all versions on the computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Remove a version of a package by using the pipeline operator

This command gets version 1 of the package named MyPackage, and then removes it from the computer.

```
PS C:\> Get-AppvPackage -Name "MyPackage" -Version 1 | Remove-
Package
```

Example 2: Remove a version of a package

This command removes version 1 of the package named MyPackage from the computer.

```
PS C:\> Remove-Package -Name "MyPackage" -Version 1
```

Cmdlet: Remove-AppvPublishingServer

Synops

Removes an App-V publishing server.

Syntax

```
Remove-AppvPublishingServer [[-Name] <String>] [[-URL] <String>]
[<CommonParameters>]


Remove-AppvPublishingServer [-Server] <AppvPublishingServer>
[<CommonParameters>]


Remove-AppvPublishingServer [-ServerId] <UInt32>
[<CommonParameters>]
```

Description

The Remove-AppvPublishingServer cmdlet removes the Microsoft Application Virtualization (App-V) publishing server from the App-V client list.

Parameters

Parameter :**Name**

Description :Specifies the name of the composition.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Server**

Description :Specifies an AppvPublishingServer object. To obtain an AppvPublishingServer object, use the Get-AppvPublishingServer cmdlet.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**ServerId**

Description :Specifies the ID for the publishing server.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**URL**

Description :Specifies the URL path of the publishing server.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes
Examples

Example 1: Remove a publishing server

This command removes the publishing server named Server01.

```
PS C:\>Remove-AppvPublishingServer -Name "Server01"
```

Example 2: Remove multiple publishing servers

This command removes all publishing servers that have names that start with the string Server.

```
PS C:\>Remove-AppvPublishingServer -Name "Server*"
```

Cmdlet: Repair-AppvClientConnectionGroup

Synops

Resets the user package settings for the connection group.

Syntax

```
Repair-AppvClientConnectionGroup [-ConnectionGroup]
<AppvClientConnectionGroup> [-Extensions] [-Global]
     [-UserState] [<CommonParameters>]
```

```
Repair-AppvClientConnectionGroup [-GroupId] <Guid> [-VersionId]
<Guid> [-Extensions] [-Global] [-UserState]
     [<CommonParameters>]
```

```
Repair-AppvClientConnectionGroup [-Name] <String> [-Extensions]
[-Global] [-UserState] [<CommonParameters>]
```

Description

The Repair-AppvClientConnectionGroup cmdlet resets the user settings of the connection group. Resetting the settings causes permanent loss of any user-specific application settings in the package. The settings are reset to their original state when the connection group was originally added to the system.

Parameters

Parameter :**ConnectionGroup**

Description :Specifies an App-V Connection Group object.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**Extensions**

Description :Indicates that the cmdlet repairs the extension points of a connection group only, and does not delete the user state of the connection group.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that this cmdlet resets user settings for the specified packages for all users on the computer. Usage of the Global parameter requires administrative credentials.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the group ID of specific connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the Microsoft Application Virtualization (App-V) Connection Group.

Required	true
Position	1
Default value	none

Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserState**

Description :Indicates that the cmdlet deletes the user state of the connection group only, and does not perform a repair on the extension points.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a connection group version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the connection group.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Repair a named connection group

This command repairs the connection group named MyGroup.

```
PS C:\> Repair-AppvClientConnectionGroup -Name "MyGroup"
```

Example 2: Repair a connection group by using its ID

This command repairs the connection group that has the group ID 793afd37-bd68-4ea1-859a-669f6afd0aa8.

```
PS C:\> Repair-AppvClientConnectionGroup -GroupID 793afd37-
bd68-4ea1-859a-669f6afd0aa8
```

Example 3: Repair all connection groups that have names that match a string

This command finds all of the connection groups that have the string MyGr in the name, and then repairs them.

```
PS C:\> Get-AppvClientConnectionGroup -Name "MyGr*" | Repair-
AppvClientConnectionGroup
```

Cmdlet: Repair-AppvClientPackage

Synops

Resets the user settings of a package.

Syntax

```
Repair-AppvClientPackage [-PackageId] <Guid> [-VersionId] <Guid>
[-Extensions] [-Global] [-UserState]
    [<CommonParameters>]
```

```
Repair-AppvClientPackage [-Package] <AppvClientPackage> [-
Extensions] [-Global] [-UserState] [<CommonParameters>]
```

```
Repair-AppvClientPackage [-Name] <String> [[-Version] <String>]
[-Extensions] [-Global] [-UserState]
    [<CommonParameters>]
```

Description

The Repair-AppvClientPackage cmdlet deletes the user settings and reset the extension points of the package. Resetting the settings causes permanent loss of any user-specific application settings in the package. The settings are reset to their original state when the package was originally added to the system.

Parameters

Parameter :**Extensions**

Description :Indicates that this cmdlet repairs the extension points of a package only, and does not delete the user state of the package.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that this cmdlet repairs the extension points for the provided packages for all users that log into the targeted computer. Otherwise, the extension points of the packages are only repaired for the currently running user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the package given during Sequencing time. This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies a GUID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the Microsoft Application Virtualization (App-V) Sequencer. The Package ID is shared by all versions of a package.

Required	true

Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserState**

Description :Indicates that the cmdlet deletes the user state of the package only, and does not perform a repair on the extension points.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in a lineage. If you do not specify this parameter, the cmdlet operates on all versions on the computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies the GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Delete user state for a version of a package

This command deletes the user state of version 3 of the package named MyApp.

```
PS C:\> Repair-AppvClientPackage -Name "MyApp" -Version 3
```

Example 2: Delete user state for packages that have a name that matches a string

This command gets all packages that have the string MyA in the name, and then delete the user state for those packages.

```
PS C:\> Get-AppvClientPackage -Name "MyA*" | Repair-AppvClientPackage
```

Cmdlet: Send-AppvClientReport

Synops

Sends reporting data from the client.

Syntax

```
Send-AppvClientReport [[-URL] <String>] [-DeleteOnSuccess] [-
NetworkCostAware] [<CommonParameters>]
```

Description

The Send-AppVClientReport cmdlet sends all the available reporting data to the specified location in XML format. You can delete the data from the client. Reporting must be enabled. By default, the data is sent to the location that is listed in the ReportingServer registry value. This value can be either an UNC Share or the name of the Microsoft Application Virtualization (App-V) Reporting Server. To override this location, you can specify a location by using the URL parameter. The location can be either an UNC share or the App-V Reporting Server location.

By default, after the data is sent, the data is not deleted from the client and is sent to the reporting server as part of the next scheduled sync, if applicable. You can specify to delete the data from the client. If the DeleteOnSuccess parameter is specified, the reporting data is deleted from the client.

If the data is successfully sent, this cmdlet displays a success message.

If reporting is not enabled, the cmdlet fails.

If there is no valid location specified, the cmdlet fails.

Parameters

Parameter :**DeleteOnSuccess**

Description :Indicates that this cmdlet delete the data after it has been sent.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**NetworkCostAware**

Description :Indicates that this cmdlet is network cost aware.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**URL**

Description :Specifies the location on the reporting server where client information is saved.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Send data to previously configured location

This command sends the data to the location that is configured in the client and does not delete the data after it is sent.

```
PS C:\> Send-AppVClientReport
The Application Virtualization Client Report was sent
sucessfully
```

Example 2: Send data to previously configured location and delete data

This command sends the data to the location that is configured in the client and deletes the data after it is sent.

```
PS C:\> Send-AppVClientReport -DeleteOnSuccess
Tee Application Virtualization Client Report was sent
sucessfully
```

Example 3: Send data to specified location and delete data

This command sends the data to the location specified by the URL parameter and deletes the data after it is sent.

```
PS C:\> Send-AppVClientReport -URL
"http://myreportingserver:port" -DeleteOnSuccess
The Application Virtualization Client Report was sent
sucessfully
```

Example 4: Send data to incorrect location

This command tries to send the data to the location specified by the URL parameter but because the server name is incorrect, the sending action fails and an error is returned. The data is not deleted.

```
PS C:\> Send-AppVClientReport -URL
"http://incorrectservername:port" -DeleteOnSuccess
The reporting server or share location has not been specified.
You must specify the reporting server or share location using
the following format: -Url <location>
```

Cmdlet: Set-AppvClientConfiguration

Synops

Applies configuration settings to the App-V Client.

Syntax

```
Set-AppvClientConfiguration [-AllowHighCostLaunch <Boolean>] [-
AutoLoad <UInt32>] [-CertFilterForClientSsl
    <String>] [-EnableDynamicVirtualization <Boolean>] [-
EnablePackageScripts <Boolean>] [-EnablePublishingRefreshUI
    <Boolean>] [-ExperienceImprovementOptIn <Boolean>] [-
IgnoreLocationProvider <Boolean>] [-IntegrationRootGlobal
    <String>] [-IntegrationRootUser <String>] [-LocationProvider
<String>] [-MigrationMode <Boolean>]
    [-PackageInstallationRoot <String>] [-PackageSourceRoot
<String>] [-ProcessesUsingVirtualComponents <String[]>]
    [-ReestablishmentInterval <UInt32>] [-ReestablishmentRetries
<UInt32>] [-ReportingDataBlockSize <UInt32>]
    [-ReportingDataCacheLimit <UInt32>] [-ReportingEnabled
<Boolean>] [-ReportingInterval <UInt32>]
    [-ReportingRandomDelay <UInt32>] [-ReportingServerURL
<String>] [-ReportingStartTime <UInt32>]
    [-RequirePublishAsAdmin <Boolean>] [-RoamingFileExclusions
<String>] [-RoamingRegistryExclusions <String>]
    [-SharedContentStoreMode <Boolean>] [-SupportBranchCache
<Boolean>] [-VerifyCertificateRevocationList <Boolean>]
    [<CommonParameters>]
```

Description

The Set-AppvClientConfiguration cmdlet applies configuration settings to the Microsoft Application Virtualization (App-V) client. Each parameter represents a setting that can be changed.

Parameters

Parameter :**AllowHighCostLaunch**

Description :Specifies whether virtualized applications are started on Windows 8

computers that are connected over a metered network connection, for instance, 4G.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**AutoLoad**

Description :Specifies how new packages should be loaded automatically by App-V on a specific computer. The acceptable values for this parameter are:

-- 0 for None
-- 1 for Previously used
-- 2 for All

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**CertFilterForClientSsl**

Description :Specifies the path of a valid certificate in the certificate store.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**EnableDynamicVirtualization**

Description :Specifies whether to enable dynamic virtualization. Dynamic virtualization enables supported Shell Extensions, Browser Helper Objects, and Active X controls to be virtualized and work with virtual applications.

Required	false

Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**EnablePackageScripts**

Description :Specifies whether to enable the ability for scripts defined in the package manifest of configuration files to run.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**EnablePublishingRefreshUI**

Description :Specifies whether to enable the publishing refresh progress bar for the Client.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ExperienceImprovementOptIn**

Description :Specifies whether to opt in ($True) or opt out ($False) of the Customer Experience Improvement Program.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**IgnoreLocationProvider**

Description :Specifies whether to force the client to ignore the Location Provider path and

instead use the Package Source Root.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**IntegrationRootGlobal**

Description :Specifies the location to create symbolic links associated with the current version of a globally published package. All virtual application extensions, for example shortcuts and file type associations, use this path. If you do not specify a path, symbolic links are not be used when you publish the package.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**IntegrationRootUser**

Description :Specifies the location to create symbolic links associated with the current version of a per-user published package. All virtual application extensions, for example shortcuts and file type associations, use this path. If you do not specify a path, symbolic links will not be used when you publish the package.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**LocationProvider**

Description :Specifies the class ID (CLSID) for a compatible implementation of the IAppvPackageLocationProvider interface.

Required	false

Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**MigrationMode**

Description :Specifies whether to use migration mode. Migration mode allows the App-V client to control shortcuts and FTAs for packages published using an earlier version of App-V.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**PackageInstallationRoot**

Description :Specifies directory where all new applications and updates are installed.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**PackageSourceRoot**

Description :Specifies a value that overrides source location for downloading package content.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ProcessesUsingVirtualComponents**

Description :Specifies a list of process paths which are candidates for using dynamic

virtualization of supported shell extensions, browser helper objects, and ActiveX controls. This parameter may contain wildcard characters. Only processes whose full path matches one of these items can use dynamic virtualization.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReestablishmentInterval**

Description :Specifies the number of seconds between attempts to reestablish a dropped session. The acceptable values for this parameter are: between 0 and 3600.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReestablishmentRetries**

Description :Specifies the number of times to retry a dropped session. The acceptable values for this parameter are: between 0 and 99.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingDataBlockSize**

Description :Specifies the maximum size in bytes to transmit to the server for reporting upload requests. This can help avoid permanent transmission failures when the log has reached a significant size. The acceptable values for this parameter are: between 1024 and unlimited.

Required	false

Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingDataCacheLimit**

Description :Specifies the maximum size in megabytes (MB) of the XML cache for storing reporting information. The size applies to the cache in memory. When the limit is reached, the log file rolls over. The acceptable values for this parameter are: between 0 and 1024.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingEnabled**

Description :Specifies whether to enable the client to return information to a reporting server.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingInterval**

Description :Specifies the retry interval that the client uses to resend data to the reporting server.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingRandomDelay**

Description :Specifies the maximum delay, in minutes, for data to be sent to the reporting server. When the scheduled task is started, the client generates a random delay between 0 and ReportingRandomDelay and waits the specified duration before it sends data. This can help prevent collisions on the server.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingServerURL**

Description :Specifies the location on the reporting server where client information is saved.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ReportingStartTime**

Description :Specifies the time to initiate the client to send data to the reporting server. The acceptable values for this parameter are: integers between 0-23 corresponding to the hour of the day. By default, the ReportingStartTime starts on the current day at 10 P.M or 22.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**RequirePublishAsAdmin**

Description :Specifies whether an unelevated user can publish registered App-V packages.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**RoamingFileExclusions**

Description :Specifies the file paths relative to %userprofile% that do not roam with a user's profile, for example: 'desktop;my pictures'.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**RoamingRegistryExclusions**

Description :Specifies the registry paths that do not roam with a user profile, for example 'software\\classes;software\\clients'.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**SharedContentStoreMode**

Description :Specifies whether streamed package contents are not saved to the local hard disk.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**SupportBranchCache**

Description :Specifies whether branch caching is turned on.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VerifyCertificateRevocationList**

Description :Specifies whether to verify Server certificate revocation status before steaming using HTTPS.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Outputs

This cmdlet returns an object that is displayed as a two column table. The first column contains the specific configuration and the second column contains the associated current value.

In the case where the name/value option is passed, the cmdlet returns the same two column table, but only for the configuration requested.

Type : Microsoft.AppvAgent.AppvClientConfiguration

Notes

Cmdlet: Set-AppvClientMode

Synops

Sets the mode in which the client runs.

Syntax

```
Set-AppvClientMode -Normal [<CommonParameters>]
```

```
Set-AppvClientMode -Uninstall [<CommonParameters>]
```

Description

The Set-AppvClientMode cmdlet sets the mode in which the client runs. By default, the cmdlet is set to Normal and the Microsoft Application Virtualization (App-V) Client runs normally. If the Uninstall parameter is specified, the App-V Client prevents all client activity from happening which includes adding and publishing packages and creating virtual environments.

Parameters

Parameter :**Normal**

Description :Indicates that the App-V Client functions normally. This means all adding and publishing of App-V packages and creating of Virtual environments function normally.

Required	true
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Uninstall**

Description :Indicates that this cmdlet prevents the App-V Client from adding and publishing packages or creating any virtual environments. This is set to enable an uninstall of the App-V Client to correctly occur.

Required	true
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Cmdlet: Set-AppvClientPackage

Synops

Configures an App-V Client Package.

Syntax

```
Set-AppvClientPackage [-PackageId] <Guid> [-VersionId] <Guid> [-
DynamicDeploymentConfiguration <String>] [-Path
    <String>] [-UseNoConfiguration] [<CommonParameters>]
```

```
Set-AppvClientPackage [-Package] <AppvClientPackage> [-
DynamicDeploymentConfiguration <String>] [-Path <String>]
    [-UseNoConfiguration] [<CommonParameters>]
```

```
Set-AppvClientPackage [-Name] <String> [[-Version] <String>] [-
DynamicDeploymentConfiguration <String>] [-Path
    <String>] [-UseNoConfiguration] [<CommonParameters>]
```

Description

The Set-AppvClientPackage cmdlet modifies the configuration files of an Microsoft Application Virtualization (App-V) package.

Parameters

Parameter :**DynamicDeploymentConfiguration**

Description :Specifies the path of a Dynamic Deployment Configuration file for the App-V package to be added. The cmdlet uses the Dynamic Deployment Configuration file to override the default behavior provided in the package manifest.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the package given during Sequencing time. This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies the GUID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the App-V Sequencer. The package ID is shared by all versions of a package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Path**

Description :Specifies the path specifies the location of the .APPV file that contains the package to be added. This value can be local directory, a network directory, or an HTTP or HTTPS URL.

Required	false

Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UseNoConfiguration**

Description :Indicates that this cmdlet applies the default computer policy to the selected package.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in a lineage. If you do not specify this parameter, the cmdlet operates on all available versions of the package on the target computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Cmdlet: Set-AppvPublishingServer

Synops

Modifies properties of an App-V Publishing Server.

Syntax

```
Set-AppvPublishingServer [-ServerId] <UInt32> [[-
GlobalRefreshEnabled] <Boolean>] [[-GlobalRefreshOnLogon]
    <Boolean>] [[-GlobalRefreshInterval] <UInt32>] [[-
GlobalRefreshIntervalUnit] <IPublishingServer+IntervalUnit>]
    [[-UserRefreshEnabled] <Boolean>] [[-UserRefreshOnLogon]
<Boolean>] [[-UserRefreshInterval] <UInt32>]
    [[-UserRefreshIntervalUnit] <IPublishingServer+IntervalUnit>]
[<CommonParameters>]
```

```
Set-AppvPublishingServer [-Server] <AppvPublishingServer> [[-
GlobalRefreshEnabled] <Boolean>]
    [[-GlobalRefreshOnLogon] <Boolean>] [[-GlobalRefreshInterval]
<UInt32>] [[-GlobalRefreshIntervalUnit]
    <IPublishingServer+IntervalUnit>] [[-UserRefreshEnabled]
<Boolean>] [[-UserRefreshOnLogon] <Boolean>]
    [[-UserRefreshInterval] <UInt32>] [[-UserRefreshIntervalUnit]
<IPublishingServer+IntervalUnit>]
    [<CommonParameters>]
```

Description

The Set-AppvPublishingServer cmdlet modifies properties of an already existing Microsoft Application Virtualization (App-V) Publishing Server. To obtain an App-V Publishing Server object, use the Get-AppvPublishingServer cmdlet.

Parameters

Parameter :**GlobalRefreshEnabled**

Description :Specifies whether the server does automatic syncs with the publishing server for all globally published packages.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GlobalRefreshInterval**

Description :Specifies a time span that represents the period where refreshes occur for packages published globally.

Required	false
Position	4
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GlobalRefreshIntervalUnit**

Description :Specifies the unit of time measurement. The acceptable values for this parameter are: day and hour.

Required	false
Position	5
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GlobalRefreshOnLogon**

Description :Specifies whether a refresh occurs for all package published globally every time that a user logs into the target computer.

Required	false
Position	3
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Server**

Description :Specifies an AppvPublishingServer object. To obtain an AppvPublishingServer object, use the Get-AppvPublishingServer cmdlet.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**ServerId**

Description :Specifies the identifier for the App-V Publishing Server. This can be queried using the Get-AppvPublishingServer cmdlet.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshEnabled**

Description :Specifies whether user refresh is enabled.

Required	false
Position	6
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshInterval**

Description :Specifies the identifier for the App-V Publishing Server. This can be queried using the Get-AppvPublishingServer cmdlet.

Required	false
Position	8
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshIntervalUnit**

Description :Specifies the unit of time measurement. The acceptable values for this parameter are: day and hour.

Required	false
Position	9
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserRefreshOnLogon**

Description :Specifies whether a refresh occurs every time that a user logs into the computer.

Required	false
Position	7
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Cmdlet: Start-AppvVirtualProcess

Synops

Starts a virtual process.

Syntax

```
Start-AppvVirtualProcess [-FilePath] <String> [[-ArgumentList]
<String[]>] [-Credential <PSCredential>]
    [-LoadUserProfile] [-NoNewWindow] [-PassThru] [-
RedirectStandardError <String>] [-RedirectStandardInput <String>]

    [-RedirectStandardOutput <String>] [-UseNewEnvironment] [-
Wait] [-WorkingDirectory <String>] -AppvClientObject
    <Object> [<CommonParameters>]


Start-AppvVirtualProcess [-FilePath] <String> [[-ArgumentList]
<String[]>] [-PassThru] [-Verb <String>] [-Wait]
    [-WindowStyle {Normal | Hidden | Minimized | Maximized}] [-
WorkingDirectory <String>] -AppvClientObject <Object>
    [<CommonParameters>]
```

Description

The Start-AppvVirtualProcess cmdlet starts a new virtual process.

Parameters

Parameter :**AppvClientObject**

Description :Specifies an AppvClientPackage or AppvClientConnectionGroup object.

Required	true
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**ArgumentList**

Description :Specifies the arguments to be passed into the virtual process.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Credential**

Description :Specifies the credential to start this process.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**FilePath**

Description :Specifies a file path.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**LoadUserProfile**

Description :Indicates that the cmdlet loads a user profile for use with the process.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**NoNewWindow**

Description :Indicates that the cmdlet attempts to keep the process in the same window instead of opening a new window.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**PassThru**

Description :Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**RedirectStandardError**

Description :Redirects the stderr to the file specified.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**RedirectStandardInput**

Description :Takes the stdinput from the file specified.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**RedirectStandardOutput**

Description :Redirects the stdout to the file specified.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UseNewEnvironment**

Description :Indicates that this cmdlet uses a new environment for the process.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Verb**

Description :Specifies a verb for the process.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Wait**

Description :Indicates that the cmdlet uses synchronous operation of the virtual process.
The cmdlet waits to exit until the virtual process exits.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**WindowStyle**

Description :Specifies what to do without a Process Window Style. The acceptable values for this parameter are:

-- Normal. Display the normal window.

-- Hidden. Launch a hidden window.

-- Minimized. Launch a minimized window.

-- Maximized. Launch a maximized window.

The default value is Normal.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**WorkingDirectory**

Description :Specifies working directory of the process.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Start a virtual process in a virtual environment of a package

The first command gets the client package named MyPackage by using the Get-AppvClientPackage cmdlet. The command stores the result in the $AppVObj variable.

The second command starts a new virtual process for Calc.exe in virtual environment of in $AppVObj.

```
PS C:\>$AppVObj = Get-AppvClientPackage –Name "MyPackage"
PS C:\> Start-AppvVirtualProcess -FilePath "C:\Calc.exe"
–AppvClientObject $AppVObj
```

Example 2: Start a virtual process in a virtual environment of a connection group

The first command gets the client package named MyPackage by using the Get-AppvClientConnectionGroup cmdlet. The command stores the result in the $AppVObj variable.

The second command starts a new virtual process for Calc.exe in the virtual environment of in $AppVObj.

```
PS C:\>$AppVObj = Get-AppvClientConnectionGroup –Name
MyConnectionGroup
PS C:\> Start-AppvVirtualProcess -FilePath "C:\Calc.exe"
–AppvClientObject $AppVObj
```

Cmdlet: Stop-AppvClientConnectionGroup

Synops

Shuts down the shared virtual environment of a connection group.

Syntax

```
Stop-AppvClientConnectionGroup [-ConnectionGroup]
<AppvClientConnectionGroup> [-Global] [<CommonParameters>]
```

```
Stop-AppvClientConnectionGroup [-GroupId] <Guid> [-VersionId]
<Guid> [-Global] [<CommonParameters>]
```

```
Stop-AppvClientConnectionGroup [-Name] <String> [-Global]
[<CommonParameters>]
```

Description

The Stop-AppvClientConnectionGroup cmdlet shuts down the shared virtual environment of a connection group. All running processes in the connection group virtual environment are shutdown.

Parameters

Parameter :**ConnectionGroup**

Description :Specifies an App-V Connection Group object.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that the cmdlet shuts down virtual environments for the specified connection groups for all users on the computer. Usage of the Global parameter requires

administrative credentials.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**GroupId**

Description :Specifies the group ID of a specific connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the name of the Microsoft Application Virtualization (App-V) connection group.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a connection group version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the connection group.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Notes

Examples

Example 1: Stop a virtual environment for a named group

This command stops the virtual environment of the enabled connection group that has the name MyGroup.

```
PS C:\> Stop-AppvClientConnectionGroup -Name "MyGroup"
```

Example 2: Stop a virtual environment for a group by using its ID

This command stops the virtual environment of the enabled connection group that has the group ID 793afd37-bd68-4ea1-859a-669f6afd0aa8.

```
PS C:\> Stop-AppvClientConnectionGroup -GroupID 793afd37-bd68-
4ea1-859a-669f6afd0aa8
```

Example 3: Stop virtual environment for groups with names that match a string

This command gets all of the enabled connection groups that have the string MyGr in the name, and then stops each of their virtual environments.

```
PS C:\> Get-AppvClientConnectionGroup -Name "MyGr*" | Stop-
AppvClientConnectionGroup
```

Cmdlet: Stop-AppvClientPackage

Synops

Shuts down virtual environments for specified packages.

Syntax

```
Stop-AppvClientPackage [-PackageId] <Guid> [-VersionId] <Guid> [-
Global] [<CommonParameters>]
```

```
Stop-AppvClientPackage [-Package] <AppvClientPackage> [-Global]
[<CommonParameters>]
```

```
Stop-AppvClientPackage [-Name] <String> [[-Version] <String>] [-
Global] [<CommonParameters>]
```

Description

The Stop-AppvClientPackage cmdlet shuts down the virtual environment for the specified packages. All applications and processes within that package are forced to shut down. Any unsaved application data is lost.

Parameters

Parameter :**Global**

Description :Specifies that the cmdlet shuts down virtual environments for the specified packages for all users on the computer. Usage of the Global parameter requires administrative credentials.

Required	false
Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the package given during Sequencing time.
This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies a GUID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the Microsoft Application Virtualization (App-V) Sequencer. The package ID is shared by all versions of a package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in a lineage. If you do not specify this parameter, the cmdlet operates on all available versions of the package on the computer.

Required	false
Position	2
Default value	none

Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on all versions of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Shut down a virtual environment for a version of a package

This command shuts down the virtual environment of version 2 of package named MyPackage.

```
PS C:\> Stop-AppvClientPackage -Name "MyPackage" -Version 2
```

Example 2: Shut down a virtual environment for all versions of a package

This command gets all versions of the package named MyPackage, and then shuts down the virtual environment for those results.

```
PS C:\> Get-AppvClientPackage -Name "MyPackage" | Stop-
AppvClientPackage
```

Cmdlet: Sync-AppvPublishingServer

Synops

Initiates the App-V Publishing Refresh operation.

Syntax

```
Sync-AppvPublishingServer [-ServerId] <UInt32> [[-Global]] [[-
Force]] [[-NetworkCostAware]]
    [[-HidePublishingRefreshUI]] [<CommonParameters>]
```

```
Sync-AppvPublishingServer [-Server] <AppvPublishingServer> [[-
Global]] [[-Force]] [[-NetworkCostAware]]
    [[-HidePublishingRefreshUI]] [<CommonParameters>]
```

```
Sync-AppvPublishingServer [[-Name] <String>] [[-URL] <String>]
[[-Global]] [[-Force]] [[-NetworkCostAware]]
    [[-HidePublishingRefreshUI]] [<CommonParameters>]
```

Description

The Sync-AppvPublishingServer cmdlet initiates the Microsoft Application Virtualization (App-V) publishing refresh operation in the context of the current user. The publishing refresh connects to all added servers on the client and expose new App-V packages and their respective extension points to the user.

Parameters

Parameter :**Force**

Description :Indicates that the cmdlet forces all publishes and unpublishes of packages.

Required	false
Position	3
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Global**

Description :Indicates that the cmdlet synchronizes packages from the App-V publishing server that are provisioned to the computer and are published to all users on the computer.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**HidePublishingRefreshUI**

Description :Indicates that the cmdlet suppresses the Publishing Refresh Progress bar.

Required	false
Position	5
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the server.

Required	false
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**NetworkCostAware**

Description :Indicates that this cmdlet is network cost aware.

Required	false
Position	4
Default value	none
Accept pipeline input?	false

Accept wildcard characters?	false

Parameter :**Server**

Description :Specifies an AppvPublishingServer object. To obtain an AppvPublishingServer object, use the Get-AppvPublishingServer cmdlet.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**ServerId**

Description :Specifies the identifier for the App-V Publishing Server. This can be queried using the Get-AppvPublishingServer cmdlet.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**URL**

Description :Specifies the URL path of the server.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Cmdlet: Unpublish-AppvClientPackage

Synops

Removes the extension points for packages.

Syntax

```
Unpublish-AppvClientPackage [-PackageId] <Guid> [-VersionId]
<Guid> [-Global] [-UserSID <String>]
    [<CommonParameters>]
```

```
Unpublish-AppvClientPackage [-Package] <AppvClientPackage> [-
Global] [-UserSID <String>] [<CommonParameters>]
```

```
Unpublish-AppvClientPackage [-Name] <String> [[-Version]
<String>] [-Global] [-UserSID <String>]
    [<CommonParameters>]
```

Description

The Unpublish-AppvClientPackage cmdlet removes all the extension points of the specified packages. The package contents remain on the target computer. The package is still added on the client and the appropriate AppvClientPackage object persists.

The package can be unpublished for the current user or if all users that log on to the target computer.

Parameters

Parameter :**Global**

Description :Indicates that the packages are unpublished to all users that log into the targeted computer. Otherwise, the packages are only unpublished to the currently running user.

Required	false
Position	named
Default value	none
Accept pipeline input?	false

Accept wildcard characters?	false

Parameter :**Name**

Description :Specifies the friendly name of the package given during Sequencing time. This value is obtained from the package manifest.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Package**

Description :Specifies an App-V package.

Required	true
Position	1
Default value	none
Accept pipeline input?	true(ByValue)
Accept wildcard characters?	false

Parameter :**PackageId**

Description :Specifies a GUID that uniquely identifies the package. It can be found in the package manifest or by opening the package in the Microsoft Application Virtualization (App-V) Sequencer. The package ID is shared by all versions of a package.

Required	true
Position	1
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**UserSID**

Description :Specifies the SID of the intended user, in the form of S-1-2-34-56789012-3456789012-345678901-2345. This cmdlet parameter requires elevated rights to run.

Required	false

Position	named
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**Version**

Description :Specifies the version of an App-V package in one specific lineage. If you do not specify this parameter, the cmdlet operates on the latest version found.

Required	false
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Parameter :**VersionId**

Description :Specifies a GUID that differentiates a package version from other versions, whether older, newer, or of a different lineage. If you do not specify this parameter, the cmdlet operates on the latest version of the package.

Required	true
Position	2
Default value	none
Accept pipeline input?	false
Accept wildcard characters?	false

Examples

Example 1: Unpublish a version of a package

This command unpublishes version 3 of the package named MyApp.

```
PS C:\> Unpublish-AppvClientPackage -Name "MyApp" -Version 3
```

Example 2: Unpublish a version of a package for all users

This command unpublishes version 3 of the package named MyApp for all users on the computer.

```
PS C:\> Unpublish-AppvClientPackage -Name "MyApp" -Version 3 -
Global
```