



Windows PowerShell Get-Help on Cmdlet 'New-AzGalleryApplicationVersion'

PS:\>Get-HELP New-AzGalleryApplicationVersion -Full

NAME

New-AzGalleryApplicationVersion

SYNOPSIS

Create or update a gallery Application Version.

SYNTAX

```
New-AzGalleryApplicationVersion -GalleryApplicationName <String> -GalleryName <String> -Name <String>
-ResourceGroupName <String> [-SubscriptionId <String>] -Location
<String> -Install <String> -Remove <String> [-DefaultConfigFileLink <String>] [-PackageFileLink <String>]
[-PublishingProfileEndOfLifeDate <DateTime>]
[-PublishingProfileExcludeFromLatest] [-ReplicaCount <Int32>] [-Tag <Hashtable>] [-TargetRegion <ITargetRegion[]>]
[-Update <String>] [-PackageFileName <String>]
[-ConfigFileName <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait]
[-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]
```

DESCRIPTION

Create or update a gallery Application Version.

PARAMETERS

-GalleryApplicationName <String>

The name of the gallery Application Definition in which the Application Version is to be created.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-GalleryName <String>

The name of the Shared Application Gallery in which the Application Definition resides.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Name <String>

The name of the gallery Application Version to be created.

Needs to follow semantic version name pattern: The allowed characters are digit and period.

Digits must be within the range of a 32-bit integer.

Format: <MajorVersion>.<MinorVersion>.<Patch>

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

Subscription credentials which uniquely identify Microsoft Azure subscription.

The subscription ID forms part of the URI for every service call.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

Resource location

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Install <String>

Required.

The path and arguments to install the gallery application.

This is limited to 4096 characters.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Remove <String>

Required.

The path and arguments to remove the gallery application.

This is limited to 4096 characters.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultConfigFileLink <String>

Optional.

The defaultConfigurationLink of the artifact, must be a readable storage page blob.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PackageFileLink <String>

Required.

The mediaLink of the artifact, must be a readable storage page blob.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PublishingProfileEndOfLifeDate <DateTime>

The end of life date of the gallery image version.
This property can be used for decommissioning purposes.
This property is updatable.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PublishingProfileExcludeFromLatest [<SwitchParameter>]

If set to true, Virtual Machines deployed from the latest version of the Image Definition won't use this Image Version.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-ReplicaCount <Int32>

The number of replicas of the Image Version to be created per region.
This property would take effect for a region when regionalReplicaCount is not specified.
This property is updatable.

Required? false
Position? named

Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-Tag <Hashtable>

Resource tags

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-TargetRegion <ITargetRegion[]>

The target regions where the Image Version is going to be replicated to.
This property is updatable.
To construct, see NOTES section for TARGETREGION properties and create a hash table.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Update <String>

Optional.
The path and arguments to update the gallery application.

If not present, then update operation will invoke remove command on the previous version and install command on the current version of the gallery application.

This is limited to 4096 characters.

Required? false
Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PackageFileName <String>

Optional.

The name to assign the downloaded package file on the VM.

This is limited to 4096 characters.

If not specified, the package file will be named the same as the Gallery Application name.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ConfigFileName <String>

Optional.

The name to assign the downloaded config file on the VM.

This is limited to 4096 characters.

If not specified, the config file will be named the Gallery Application name appended with "_config".

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Compute.Models.Api20220103.IGalleryApplicationVersion

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

TARGETREGION <ITargetRegion[]>: The target regions where the Image Version is going to be replicated to. This property is updatable.

Name <String>: The name of the region.

[EncryptionDataDiskImage <IDataDiskImageEncryption[]>]: A list of encryption specifications for data disk images.

Lun <Int32>: This property specifies the logical unit number of the data disk. This value is used to identify data disks within the Virtual Machine and therefore must be unique for each data disk attached to the Virtual Machine.

[DiskEncryptionSetId <String>]: A relative URI containing the resource ID of the disk encryption set.

[OSDiskImageDiskEncryptionSetId <String>]: A relative URI containing the resource ID of the disk encryption set.

[RegionalReplicaCount <Int32?>]: The number of replicas of the Image Version to be created per region. This property is updatable.

[SecurityProfileConfidentialVMEncryptionType <ConfidentialVMEncryptionType?>]: confidential VM encryption types

[SecurityProfileSecureVMDiskEncryptionSetId <String>]: secure VM disk encryption set id

[StorageAccountType <StorageAccountType?>]: Specifies the storage account type to be used to store the image. This property is not updatable.

----- EXAMPLE 1 -----

```
$SASToken = New-AzStorageBlobSASToken -Context $ctx -Container $containerName -blob $blobName -Permission r
$storAcc = Get-AzStorageAccount -ResourceGroupName $rgName -Name $storAccName
$blob = Get-AzStorageBlob -Container $containerName -Blob $blobName -Context $storAcc.Context

$SASToken = New-AzStorageBlobSASToken -Container $containerName -Blob $blobName -Permission rwd -Context
$storAcc.Context

$SASUri = $blob.ICloudBlob.Uri.AbsoluteUri + $SASToken

New-AzGalleryApplicationVersion -ResourceGroupName $rgname -Location EastUS -GalleryName $galleryName
-GalleryApplicationName $galleryApplicationName -name "0.1.0"

-PackageFileLink $SASUri -Install "powershell -command 'Expand-Archive -Path package.zip -DestinationPath
C:\\package\'" -Remove "del C:\\package"
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.compute/new-azgalleryapplicationversion>