



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

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

NAME

New-AzStackHCIVMImage

SYNOPSIS

The operation to create an image.

Please note some properties can be set only during image creation.

SYNTAX

```
New-AzStackHCIVMImage -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
-CustomLocationId <String> -OSType <Object> -URN
    <String> [-CloudInitDataSource <String>] [-StoragePathName <String>] [-StoragePathResourceGroup <String>]
[-StoragePathId <String>] [-Tag <Hashtable>]
    [-DefaultProfile <PSCredential>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
    [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

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New-AzStackHCIVMImage -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
-CustomLocationId <String> -OSType <Object>
    [-CloudInitDataSource <String>] [-StoragePathName <String>] [-StoragePathResourceGroup <String>] [-StoragePathId
<String>] [-Tag <Hashtable>]
    [-DefaultProfile <PSCredential>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
    [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```

<String>] [-Tag <Hashtable>] -ImagePath <String>
    [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
    [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzStackHCIVMImage -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
-CustomLocationId <String> -OSType <Object>
    [-CloudInitDataSource <String>] [-StoragePathName <String>] [-StoragePathResourceGroup <String>] [-StoragePathId
<String>] [-Tag <Hashtable>] -Offer <String>
    -Publisher <String> -Sku <String> -Version <String> [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
    <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]

```

DESCRIPTION

The operation to create an image.

Please note some properties can be set only during image creation.

PARAMETERS

-Name <String>

Name of the Image

The??_name??_must??_start??_and??_end??_with??_an??_alphanumeric??_character and must contain all alphanumeric characters or ??~??~, ??~.??T, or ??~_??T.

The max length can be 80 characters and the minimum length is 1 character.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CustomLocationId <String>

The ARM Id of the extended location to create image resource in.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OSType <Object>

Operating system type that the gallery image uses [Windows, Linux]

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-URN <String>

The URN of the marketplace gallery image.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CloudInitDataSource <String>

Datasource for the gallery image when provisioning with cloud-init [NoCloud, Azure]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StoragePathName <String>

Storage Container Name of the storage container to be used for gallery image

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

-StoragePathResourceGroup <String>

Resource Group of the Storage Path.
The Default value is the Resource Group of the Image.

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

-StoragePathId <String>

Storage ContainerID of the storage container to be used for gallery image

Required? false
Position? named
Default value
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

-ImagePath <String>

Local path of image that the image should be created from.

This parameter is required for non marketplace images.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Offer <String>

The name of the marketplace gallery image definition offer.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Publisher <String>

The name of the marketplace gallery image definition publisher.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Sku <String>

The name of the marketplace gallery image definition SKU.

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

-Version <String>

The version of the marketplace gallery image.

Required? true
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>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.StackHCIVM.Models.IGalleryImages

Microsoft.Azure.PowerShell.Cmdlets.StackHCIVM.Models.IMarketplaceGalleryImages

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

PS C:\>New-AzStackHCIVMImage -Name "testImage" -ResourceGroupName "test-rg" -CustomLocationId

```
s/{customLocationName}" -ImagePath
```

```
"C:\ClusterStorage\Volume1\Ubunut.vhdx" -OSType "Linux" -Location "eastus"
```

----- EXAMPLE 2 -----

```
PS C:\>New-AzStackHCIVMImage -Name "testMarketplaceImage" -ResourceGroupName "test-rg" -CustomLocationId  
"/subscriptions/{subscriptionID}/resourcegroups/{resourceGroupName}/providers/microsoft.extendedlocation/customlocation  
s/{customLocationName}" -Location "eastus"  
-Offer "windowsserver" -Publisher "MicrosoftWindowsServer" -Sku "2022-Datacenter" -Version "latest" -OSType  
"Windows"
```

----- EXAMPLE 3 -----

```
PS C:\>New-AzStackHCIVMImage -Name "testMarketplaceImageURN" -ResourceGroupName "test-rg"  
-CustomLocationId  
"/subscriptions/{subscriptionID}/resourcegroups/{resourceGroupName}/providers/microsoft.extendedlocation/customlocation  
s/{customLocationName}" -Location "eastus"  
-URN "microsoftwindowsserver:windowsserver:2022-datacenter:latest" -OSType "Windows"
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.stackhcivm/new-azstackhcivmimage>