



Windows PowerShell Get-Help on Cmdlet 'Get-AzVMImage'

PS:\>Get-HELP Get-AzVMImage -Full

NAME

Get-AzVMImage

SYNOPSIS

Gets all the versions of a VMImage.

SYNTAX

```

Get-AzVMImage [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EdgeZone
<System.String>] -Location
    <System.String> -Offer <System.String> [-OrderBy <System.String>] -PublisherName <System.String> -Skus
<System.String> [-Top <System.Nullable`1[System.Int32]>]
[<CommonParameters>]

```

```

Get-AzVMImage [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EdgeZone
<System.String>] -Location
    <System.String> -Offer <System.String> -PublisherName <System.String> -Skus <System.String> -Version
<System.String> [<CommonParameters>]

```

DESCRIPTION

The Get-AzVMImage cmdlet gets all the versions of a VMImage.

PARAMETERS

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

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

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EdgeZone <System.String>

Set the extended location name for EdgeZone. If not set, VM Image will be queried from Azure main region. Otherwise it will be queried from the specified extended

location

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Location <System.String>

Specifies the location of a VMImage.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Offer <System.String>

Specifies the type of VMImage offer. To obtain an image offer, use the Get-AzVMImageOffer cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-OrderBy <System.String>

Specifies the order of the results returned. Formatted as an OData query.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublisherName <System.String>

Specifies the publisher of a VMImage. To obtain an image publisher, use the Get-AzVMImagePublisher cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Skus <System.String>

Specifies a VMImage SKU. To obtain an SKU, use the Get-AzVMImageSku cmdlet.

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

-Top <System.Nullable`1[System.Int32]>

Specifies the maximum number of virtual machine images returned.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Version <System.String>

Specifies the version of the VMImage.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? true

<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).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineImage

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineImageDetail

NOTES

----- Example 1: Get VMImage objects -----

Get-AzVMImage -Location "Central US" -PublisherName "MicrosoftWindowsServer" -Offer "windowsserver" -Skus "2012-R2-Datacenter"

Version	Skus	Offer	PublisherName	Location	Id
-----	---	----	-----	-----	--
4.127.20180315	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20180510	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20180815	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20180912	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20181010	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20181125	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20190104	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20190115	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20190204	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...
4.127.20190218	2012-R2-Datacenter	windowsserver	MicrosoftWindowsServer	centralus	/Subscriptions/9e2...

This command gets all the versions of VMImage that match the specified values.

----- Example 2: Get VMImage object -----

```
Get-AzVMImage -Location "Central US" -PublisherName "MicrosoftWindowsServer" -Offer "windowsserver" -Skus
"2012-R2-Datacenter" -Version 4.127.20180315
```

```
Id      : /Subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/centralus/
        Publishers/MicrosoftWindowsServer/ArtifactTypes/VMImage/Offer/windowsserver/Skus/2012-R2-Datacenter
        /Versions/4.127.20180315
Location : centralus
PublisherName : MicrosoftWindowsServer
Offer      : windowsserver
Skus       : 2012-R2-Datacenter
Version    : 4.127.20180315
Name       : 4.127.20180315
OSDiskImage : {
    "operatingSystem": "Windows"
}
PurchasePlan : null
DataDiskImages : []
```

This command gets a specific version of VMImage that matches the specified values.

----- Example 3: Get VMImage objects -----

```
Get-AzVMImage -Location "Central US" -PublisherName "MicrosoftWindowsServer" -Offer "windowsserver" -Skus
"2012-R2-Datacenter" -Version 4.127.2018*
```

Version	Skus	Offer	PublisherName	Location	Id
-----	----	-----	-----	-----	--

4.127.20180315 2012-R2-Datacenter windowsserver MicrosoftWindowsServer centralus /Subscriptions/9e2...
4.127.20180510 2012-R2-Datacenter windowsserver MicrosoftWindowsServer centralus /Subscriptions/9e2...
4.127.20180815 2012-R2-Datacenter windowsserver MicrosoftWindowsServer centralus /Subscriptions/9e2...
4.127.20180912 2012-R2-Datacenter windowsserver MicrosoftWindowsServer centralus /Subscriptions/9e2...
4.127.20181010 2012-R2-Datacenter windowsserver MicrosoftWindowsServer centralus /Subscriptions/9e2...
4.127.20181125 2012-R2-Datacenter windowsserver MicrosoftWindowsServer centralus /Subscriptions/9e2...

This command gets all the versions of VMImage that match the specified values with filtering over version.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/get-azvmimage>

Get-AzVMImageOffer

Get-AzVMImagePublisher

Get-AzVMImageSku

Save-AzVMImage