



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

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

NAME

Get-AzVMExtensionImage

SYNOPSIS

Gets all versions for an Azure extension.

SYNTAX

```
Get-AzVMExtensionImage [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FilterExpression  
<System.String>]  
-Location <System.String> -PublisherName <System.String> -Type <System.String> [-Version <System.String>]  
[<CommonParameters>]
```

DESCRIPTION

The Get-AzVMExtensionImage cmdlet gets all versions for an Azure extension.

-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

-FilterExpression <System.String>

Specifies a filter expression.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

Specifies the location of an extension.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublisherName <System.String>

Specifies the name of an extension publisher. To obtain an extension publisher, use the Get-AzVMImagePublisher cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Type <System.String>

Specifies the type of the extension. To obtain an extension type, use the Get-AzVMExtensionImageType cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Version <System.String>

Specifies the version of the extension that this cmdlet gets.

Required? false

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.PSVirtualMachineExtensionImage

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineExtensionImageDetails

NOTES

----- Example 1: Get the versions of an extension image -----

Get-AzVMExtensionImage -Location "West US" -PublisherName "Chef.Bootstrap.WindowsAzure" -Type "ChefClient"

Id : /Subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/westus/Publishers/Chef.Bootstrap.WindowsAzure/ArtifactTypes/VMExtension/Types/ChefClient/Versions/11.18.6.2

Location : westus

PublisherName : Chef.Bootstrap.WindowsAzure

Type : ChefClient

Version : 11.18.6.2

FilterExpression :

Id : /Subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/westus/Publishers/Chef.Bootstrap.WindowsAzure/ArtifactTypes/VMExtension/Types/ChefClient/Versions/1207.12.3.0

Location : westus

PublisherName : Chef.Bootstrap.WindowsAzure

Type : ChefClient

Version : 1207.12.3.0

FilterExpression :

Id : /Subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/westus/Publishers/Chef.Bootstrap.WindowsAzure/ArtifactTypes/VMExtension/Types/ChefClient/Versions/1210.12.109.1004

Location : westus

PublisherName : Chef.Bootstrap.WindowsAzure

Type : ChefClient

Version : 1210.12.109.1004

FilterExpression :

This command gets all the versions of the extension image for the specified location, publisher, and type.

Example 2: Get the versions of an extension image with filter over version

```
Get-AzVMExtensionImage -Location "West US" -PublisherName "Chef.Bootstrap.WindowsAzure" -Type "ChefClient" -Version 12*
```

Id : /Subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/westus/Publishers/Chef.Bootstrap.WindowsAzure/ArtifactTypes/VMExtension/Types/ChefClient/Versions/1207.12.3.0

Location : westus

PublisherName : Chef.Bootstrap.WindowsAzure

Type : ChefClient

Version : 1207.12.3.0

FilterExpression :

Id : /Subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/westus/Publishers/Chef.Bootstrap.WindowsAzure/ArtifactTypes/VMExtension/Types/ChefClient/Versions/1210.12.109.1004

Location : westus

PublisherName : Chef.Bootstrap.WindowsAzure

Type : ChefClient

Version : 1210.12.109.1004

FilterExpression :

This command gets all the versions of the extension image for the specified location, publisher, type, and version starting with 12.

Example 3: Get the versions of an extension image with filter over version

```
Get-AzVMExtensionImage -Location "West US" -PublisherName "Chef.Bootstrap.WindowsAzure" -Type "ChefClient"
-Version 1207.12.3.0
```

```
Id          : /Subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/Providers/Microsoft.Compute/Locations/
              westus/Publishers/Chef.Bootstrap.WindowsAzure/ArtifactTypes/VMExtension/Types/ChefClient/V
              ersions/1207.12.3.0

Location    : westus

PublisherName : Chef.Bootstrap.WindowsAzure

Type        : ChefClient

Version      : 1207.12.3.0

FilterExpression :

Name         :

HandlerSchema :

OperatingSystem : Windows

ComputeRole   : IaaS

SupportsMultipleExtensions : False

VMScaleSetEnabled : False
```

This command gets all the versions of the extension image for the specified location, publisher, type, and version.

RELATED LINKS

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

Get-AzVMExtensionImageType

Get-AzVMImage

