



Windows PowerShell Get-Help on Cmdlet 'Add-AzServiceFabricManagedNodeTypeVMExtension'

PS:\>Get-HELP Add-AzServiceFabricManagedNodeTypeVMExtension -Full

NAME

Add-AzServiceFabricManagedNodeTypeVMExtension

SYNOPSIS

Add vm extension to the node type.

SYNTAX

```
Add-AzServiceFabricManagedNodeTypeVMExtension [-ResourceGroupName] <System.String> [-ClusterName]
<System.String> [-NodeTypeName] <System.String> [-AsJob]
                                         [-AutoUpgradeMinorVersion]                [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ForceUpdateTag
<System.String>] -Name <System.String> [-ProtectedSetting <System.Object>] [-ProvisionAfterExtension
<System.String[]>] -Publisher <System.String> [-Setting
<System.Object>] -Type <System.String> -TypeHandlerVersion <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]

Add-AzServiceFabricManagedNodeTypeVMExtension [-InputObject]
<Microsoft.Azure.Commands.ServiceFabric.Models.PSManagedNodeType> [-AsJob] [-AutoUpgradeMinorVersion]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

`[-ForceUpdateTag <System.String>] -Name <System.String>`

`[-ProtectedSetting <System.Object>] [-ProvisionAfterExtension <System.String[]>] -Publisher <System.String> [-Setting <System.Object>] -Type <System.String>`
`-TypeHandlerVersion <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]`

DESCRIPTION

Add vm extension to the node type. This will add the extension to the underlying Virtual Machine Scale Set resource.

PARAMETERS

`-AsJob <System.Management.Automation.SwitchParameter>`

Run cmdlet in the background and return a Job to track progress.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-AutoUpgradeMinorVersion <System.Management.Automation.SwitchParameter>`

Indicates whether the extension should use a newer minor version if one is available at deployment time. Once deployed, however, the extension will not upgrade

minor versions unless redeployed, even with this property set to true.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-ClusterName <System.String>`

Specify the name of the cluster.

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

-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

-ForceUpdateTag <System.String>

If a value is provided and is different from the previous value, the extension handler will be forced to update even if the extension configuration has not changed.

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

-InputObject <Microsoft.Azure.Commands.ServiceFabric.Models.PSManagedNodeType>

Node Type resource

Required? true
Position? 0
Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

extension name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NodeTypeName <System.String>

Specify the name of the node type.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProtectedSetting <System.Object>

The extension can contain either protectedSettings or protectedSettingsFromKeyVault or no protected settings at all.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ProvisionAfterExtension <System.String[]>

Collection of extension names after which this extension needs to be provisioned.

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

-Publisher <System.String>

The name of the extension handler publisher. This can use the Get-AzVMImagePublisher cmdlet to get the publisher.

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

-ResourceGroupName <System.String>

Specify the name of the resource group.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Setting <System.Object>

Json formatted public settings for the extension.

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

-Type <System.String>

Specifies the type of the extension; an example is "CustomScriptExtension". You can use the Get-AzVMExtensionImageType cmdlet to get the extension type.

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

-TypeHandlerVersion <System.String>

Specifies the version of the script handler.

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

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?	false
Position?	named

Default value False
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

System.String

Microsoft.Azure.Commands.ServiceFabric.Models.PSManagedNodeType

OUTPUTS

Microsoft.Azure.Commands.ServiceFabric.Models.PSManagedNodeType

NOTES

----- Example 1 -----

\$rgName = "testRG"
\$clusterName = "testCluster"

Add-AzServiceFabricManagedNodeTypeVMExtension -ResourceGroupName \$rgName -ClusterName \$clusterName -ClusterName \$clusterName

```
-NodeTypeName $NodeTypeName -Name $ExtName -Publisher $Publisher  
-Type $ExtType -TypeHandlerVersion $ExtVer -AutoUpgradeMinorVersion -Verbose
```

This command adds an extension to the node type.

----- Example 2 -----

```
$rgName = "testRG"  
$clusterName = "testCluster"  
$NodeTypeName = "nt1"  
$settings = @{ "secretsManagementSettings" = @{ "pollingIntervalInS" = "3600"; "certificateStoreName" = "MY";  
"certificateStoreLocation" = "LocalMachine";  
"observedCertificates" = @( "https://testkv.vault.azure.net/secrets/TestSecret" ) } };  
$protectedSettings = @{"testProjectedSetting" = $protectedSetting };  
Add-AzServiceFabricManagedNodeTypeVMExtension -ResourceGroupName $rgName -ClusterName $clusterName  
-NodeTypeName $NodeTypeName -Name KeyVaultForWindows -Publisher  
Microsoft.Azure.KeyVault -Type KeyVaultForWindows -TypeHandlerVersion 1.0 -Setting $settings -ProtectedSetting  
$protectedSettings -AutoUpgradeMinorVersion -Verbose
```

This command adds an extension with settings and protected settings to the node type.

----- Example 3 -----

```
$rgName = "testRG"  
$clusterName = "testCluster"  
$NodeTypeName = "nt1"  
$nodeType = Get-AzServiceFabricManagedNodeType -ResourceGroupName $rgName -ClusterName $clusterName  
-Name $NodeTypeName  
$nodeType | Add-AzServiceFabricManagedNodeTypeVMExtension $ExtName -Publisher $Publisher -Type $ExtType  
-TypeHandlerVersion $ExtVer -AutoUpgradeMinorVersion -Verbose
```


This command adds an extension to the node type, with piping.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.servicefabric/add-azservicefabricmanagednodetypevmextension>