



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

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

NAME

Add-AzVmssDiagnosticsExtension

SYNOPSIS

Adds a diagnostics extension to the VMSS.

SYNTAX

```

Add-AzVmssDiagnosticsExtension [-VirtualMachineScaleSet]
<Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSet> [-SettingFilePath]
    <System.String> [[-ProtectedSettingFilePath] <System.String>] [[-Name] <System.String>] [[-TypeHandlerVersion]
<System.String>] [[-AutoUpgradeMinorVersion]
                                <System.Boolean>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Confirm]
[-WhatIf]
    [<CommonParameters>]
  
```

DESCRIPTION

The Add-AzVmssDiagnosticsExtension cmdlet adds a diagnostics extension to the Virtual Machine Scale Set (VMSS).

instance.

PARAMETERS

-AutoUpgradeMinorVersion <System.Boolean>

Indicates whether this cmdlet allows the Azure guest agent to automatically update the extension to a newer minor version.

Required? false

Position? 5

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

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of an extension.

Required? false

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProtectedSettingFilePath <System.String>

Specifies the path of the private configuration file.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SettingFilePath <System.String>

Specifies the path of the public configuration file.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TypeHandlerVersion <System.String>

Specifies the version of the extension to use for this VMSS. To obtain the version, run the `Get-AzVMExtensionImage` (`./Get-AzVMExtensionImage.md`)cmdlet with a

value of `Microsoft.Azure.Diagnostics` for the `PublisherName` parameter and `IaaS.Diagnostics` for the `Type` parameter.

Required? false

Position? 4

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VirtualMachineScaleSet <Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSet>

Specify the VMSS object. You can use the New-AzVmssConfig (./New-AzVmssConfig.md)cmdlet to create the object.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

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

Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSet

System.String

System.Boolean

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSet

NOTES

----- Example 1: Add a diagnostics extension to the VMSS -----

```
Add-AzVmssDiagnosticsExtension -VirtualMachineScaleSet $VMSS -SettingFilePath $publicConfigPath  
-ProtectedSettingFilePath $privateConfigPath -Name $extName  
-TypeHandlerVersion $typeVersion -AutoUpgradeMinorVersion $True -Force
```

This command adds a diagnostics extension to the VMSS.

RELATED LINKS

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

Add-AzVmssExtension

Remove-AzVmssDiagnosticsExtension

Set-AzVMDiagnosticsExtension