



Windows PowerShell Get-Help on Cmdlet 'Set-AzVMDiagnosticsExtension'

PS:\>Get-HELP Set-AzVMDiagnosticsExtension -Full

NAME

Set-AzVMDiagnosticsExtension

SYNOPSIS

Configures the Azure diagnostics extension on a virtual machine.

SYNTAX

```

Set-AzVMDiagnosticsExtension [-ResourceGroupName] <System.String> [-VMName] <System.String>
[[-AutoUpgradeMinorVersion] <System.Boolean>]
[-DiagnosticsConfigurationPath] <System.String> [[-StorageAccountName] <System.String>] [[-StorageAccountKey]
<System.String>] [[-StorageAccountEndpoint]
<System.String>] [[-StorageContext]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [[-Location] <System.String>]
[[-Name]
<System.String>] [[-TypeHandlerVersion] <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-NoWait] [<CommonParameters>]

```

DESCRIPTION

The Set-AzVMDiagnosticsExtension cmdlet configures the Azure diagnostics extension on a virtual machine.

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? 10

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

-DiagnosticsConfigurationPath <System.String>

Specifies the path of the configuration file.

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

Specifies the location of the virtual machine.

Required? false

Position? 7

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of an extension.

Required? false

Position? 8

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NoWait <System.Management.Automation.SwitchParameter>

Starts the operation and returns immediately, before the operation is completed. In order to determine if the operation has successfully been completed, use some other mechanism.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group of the virtual machine.

Required? true

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

-StorageAccountEndpoint <System.String>

Specifies the storage account endpoint.

Required? false
Position? 5
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-StorageAccountKey <System.String>

Specifies the storage account key.

Required? false
Position? 4
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-StorageAccountName <System.String>

Specifies the storage account name.

Required? false
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-StorageContext <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>

Specifies the Azure storage context.

Required?	false
Position?	6
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 virtual machine. To obtain the version, run the `Get-AzVMExtensionImage` cmdlet with a value of

Microsoft.Compute for the `PublisherName` parameter and `VMAccessAgent` for the `Type` parameter.

Required?	false
Position?	9
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-VMName <System.String>

Specifies the name of the virtual machine on which this cmdlet operates.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByPropertyName)
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.Common.Authentication.Abstractions.IStorageContext

System.Boolean

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSAzureOperationResponse

NOTES

Example 1: Enable diagnostics using a storage account specified in a diagnostics configuration file

```
Set-AzVMDiagnosticsExtension -ResourceGroupName "ResourceGroup01" -VMName "VirtualMachine02"  
-DiagnosticsConfigurationPath "diagnostics_publicconfig.xml"
```

This command uses a diagnostics configuration file to enable diagnostics. The file `diagnostics_publicconfig.xml` contains the public XML configuration for the

diagnostics extension including the name of the storage account to which diagnostics data will be sent. The diagnostics storage account must be in the same

subscription as the virtual machine.

-- Example 2: Enable diagnostics using a storage account name --

```
Set-AzVMDiagnosticsExtension -ResourceGroupName "ResourceGroup1" -VMName "VirtualMachine2"
-DiagnosticsConfigurationPath diagnostics_publicconfig.xml
-StorageAccountName "MyStorageAccount"
```

This command uses the storage account name to enable diagnostics. If the diagnostics configuration does not specify a storage account name or if you want to override

the diagnostics storage account name specified in the configuration file, use the StorageAccountName parameter. The diagnostics storage account must be in the same subscription as the virtual machine.

Example 3: Enable diagnostics using storage account name and key

```
Set-AzVMDiagnosticsExtension -ResourceGroupName "ResourceGroup01" -VMName "VirtualMachine02"
-DiagnosticsConfigurationPath "diagnostics_publicconfig.xml"
-StorageAccountName "MyStorageAccount" -StorageAccountKey $storage_key
```

This command uses the storage account name and key to enable diagnostics. If the diagnostics storage account is in a different subscription than the virtual machine

then enable sending diagnostics data to that storage account by explicitly specifying its name and key.

RELATED LINKS

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

Get-AzVMDiagnosticsExtension

Get-AzVMExtensionImage

Remove-AzVMDiagnosticsExtension

