



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

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

NAME

Get-AzVMDiagnosticsExtension

SYNOPSIS

Gets the settings of the Diagnostics extension on a virtual machine.

SYNTAX

```
Get-AzVMDiagnosticsExtension [-ResourceGroupName] <System.String> [-VMName] <System.String> [[-Name]
<System.String>] [[-Status]] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Get-AzVMDiagnosticsExtension cmdlet gets the settings of the Azure Diagnostics extension on a virtual machine.

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

-Name <System.String>

Specifies the name of the Diagnostics extension for which this cmdlet gets settings.

Required?	false
Position?	2
Default value	None
Accept pipeline input?	True (ByPropertyName)
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

-Status <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet uses the Status value.

Required?	false
Position?	3
Default value	False
Accept pipeline input?	True (ByPropertyName)

Accept wildcard characters? false

-VMName <System.String>

Specifies the name of the virtual machine from which this cmdlet gets the Diagnostics extension.

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

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineExtension

NOTES

Example 1: Get the diagnostics extension applied to a virtual machine

```
Get-AzVMDiagnosticsExtension -ResourceGroupName "ResourceGroup11" -VMName "ContosoVM22"
```

This command gets the diagnostics extension applied to the virtual machine named ContosoVM22.

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

```
Get-AzVMDiagnosticsExtension -Name 'AgentPool01' -ResourceGroupName 'ResourceGroup11' -Status -VMName  
'ContosoVM22'
```

RELATED LINKS

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

[Remove-AzVMDiagnosticsExtension](#)

[Set-AzVMDiagnosticsExtension](#)