



Windows PowerShell Get-Help on Cmdlet 'Restart-AzVM'

PS:\>Get-HELP Restart-AzVM -Full

NAME

Restart-AzVM

SYNOPSIS

Restarts an Azure virtual machine.

SYNTAX

```
Restart-AzVM [-Id] <System.String> [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-NoWait]  
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Restart-AzVM [-Id] <System.String> [-PerformMaintenance] [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-NoWait] [-Confirm]  
[-WhatIf] [<CommonParameters>]
```

```
Restart-AzVM [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-NoWait] [-Confirm]  
[-WhatIf] [<CommonParameters>]
```

Restart-AzVM [-ResourceGroupName] <System.String> [-Name] <System.String> [-PerformMaintenance] [-AsJob]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-NoWait] [-Confirm]
[-WhatIf] [<CommonParameters>]

DESCRIPTION

The Restart-AzVM cmdlet restarts an Azure virtual machine.

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

-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

-Id <System.String>

The ID of the virtual machine.

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

-Name <System.String>

The virtual machine name.

Required? true
Position? 1
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

-PerformMaintenance <System.Management.Automation.SwitchParameter>

To perform the maintenance of virtual machine.

Required? true
Position? 2
Default value False
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

-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

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSComputeLongRunningOperation

Microsoft.Azure.Commands.Compute.Models.PSAzureOperationResponse

NOTES

----- Example 1: Restart a virtual machine -----

Restart-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"

This command restarts the virtual machine named VirtualMachine07 in ResourceGroup11.

RELATED LINKS

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

Get-AzVM

New-AzVM

Remove-AzVM

Start-AzVM

Stop-AzVM

Update-AzVM