



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

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

NAME

Remove-AzVM

SYNOPSIS

Removes a virtual machine from Azure.

SYNTAX

```

Remove-AzVM [-Id] <System.String> [[-Force]] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ForceDeletion <System.Nullable`1[System.Boolean]>] [-NoWait] [-Confirm] [-WhatIf] [<CommonParameters>]

Remove-AzVM [-ResourceGroupName] <System.String> [-Name] <System.String> [[-Force]] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ForceDeletion
<System.Nullable`1[System.Boolean]>] [-NoWait] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Remove-AzVM cmdlet removes a virtual machine from Azure.

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

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false

Position? 2

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ForceDeletion <System.Nullable`1[System.Boolean]>

Optional parameter to force delete a VM.

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

-Id <System.String>

The virtual machine resource Id.

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

-Name <System.String>

The resource 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

-ResourceGroupName <System.String>

Specifies the name of a resource group.

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

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSComputeLongRunningOperation

Microsoft.Azure.Commands.Compute.Models.PSAzureOperationResponse

NOTES

----- Example 1: Remove a virtual machine -----

```
Remove-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"
```

This command removes the virtual machine named VirtualMachine07 in the resource group ResourceGroup11.

Example 2: Remove a VM in a VMSS with the orchestration mode set to Flex.

```
# Get a VMSS with the orchestration mode set to Flex.
```

```
$rgname = <Resource Group Name>
```

```
$vmssName = <VMSS Name>
```

```
$vmssFlex = Get-AzVmss -ResourceGroupName $rgname -VMSSetName $vmssName
```

```
$vmssvms = Get-AzVmssVM -ResourceGroupName $vmssFlex.ResourceGroupName -VMScaleSetName  
$vmssFlex.Name  
  
# Get the first VM's name to delete it.  
  
$vmName = $vmssvms[0].Name  
  
Remove-AzVM -ResourceGroupName $rgname -Name $vmName
```

This example shows how to delete a virtual machine within a virtual machine scale set of the orchestration mode Flex with this cmdlet. This will not work on a virtual machine scale set of orchestration mode Uniform.

RELATED LINKS

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

Get-AzVM

New-AzVM

Restart-AzVM

Start-AzVM

Stop-AzVM

Update-AzVM