



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

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

NAME

Stop-AzVM

SYNOPSIS

Stops an Azure virtual machine.

SYNTAX

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

Stop-AzVM [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Hibernate]
[-NoWait]
[-Confirm] [-WhatIf] [<CommonParameters>]

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

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

DESCRIPTION

The Stop-AzVM cmdlet stops 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

-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

-Hibernate <System.Management.Automation.SwitchParameter>

Optional parameter to hibernate a virtual machine. (Feature in Preview)

Required? false
Position? named
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Id <System.String>

The ID of the virtual machine.

Required? true
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

-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

-SkipShutdown <System.Management.Automation.SwitchParameter>

To request non-graceful VM shutdown when keeping the VM provisioned.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-StayProvisioned <System.Management.Automation.SwitchParameter>

The cmdlet stops a virtual machine, but does not deallocate it. The account is charged for the stopped virtual machine.

Required?	false
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Position? named
Default value False
Accept pipeline input? False
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: Stop a virtual machine -----

Stop-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"

This command stops the virtual machine named VirtualMachine07 in ResourceGroup11.

RELATED LINKS

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

Get-AzVM

New-AzVM

Remove-AzVM

Restart-AzVM

Start-AzVM

Update-AzVM