



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

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

NAME

Set-AzVM

SYNOPSIS

This cmdlet can be used to do the followings: reapply or redeploy a virtual machine, mark a virtual machine as generalized, simulate eviction to a spot virtual machine.

SYNTAX

```
Set-AzVM [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Generalized
[<CommonParameters>]
```

```
Set-AzVM [-Id] <System.String> [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Generalized
[<CommonParameters>]
```

```
Set-AzVM [-Id] <System.String> [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-NoWait] Page 1/7
```

-Redeploy [<CommonParameters>]

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

```
Set-AzVM [-Id] <System.String> [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -SimulateEviction  
[<CommonParameters>]
```

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

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

```
Set-AzVM [-ResourceGroupName] <System.String> [-Name] <System.String> [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -SimulateEviction  
[<CommonParameters>]
```

DESCRIPTION

The Set-AzVM cmdlet can be used to redeploy or reapply a virtual machine. It can also be used to mark a virtual machine as generalized or simulate eviction to a spot

virtual machine.
 Before you mark a virtual machine as generalized, log on to the virtual machine and use Sysprep to prepare the hard disk. See here

(<https://learn.microsoft.com/en-us/azure/virtual-machines/generalize#windows>)for more information.

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

-Generalized <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet marks a virtual machine as generalized.

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

-Id <System.String>

Specifies the Resource ID of the virtual machine.

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

Accept wildcard characters? false

-Name <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

-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

-Reapply <System.Management.Automation.SwitchParameter>

To reapply virtual machine.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Redeploy <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet manually redeploys the virtual machine to a different Azure host to fix any problems. If you

redeploy a virtual machine, it restarts,
which results in the loss of ephemeral drive data.

Required?	true
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

-SimulateEviction <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet simulates the eviction of spot virtual machine. The eviction will occur within 30 minutes of calling the API.

Required?	true
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: Mark a virtual machine as generalized -----

```
Set-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07" -Generalized
```

This command marks the virtual machine named "VirtualMachine07" as generalized.

Example 2: Simulate eviction to a spot virtual machine using resource ID

```
$vm = Get-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"
```

```
Set-AzVM -Id $vm.id -SimulateEviction
```

This command simulates eviction to the virtual machine named "VirtualMachine07" using the resource ID.

----- Example 3: Reapply a virtual machine -----

```
Set-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07" -Reapply
```

This command reapplies the virtual machine named "VirtualMachine07".

--- Example 4: Redeploy a virtual machine using resource ID ---

```
$vm = Get-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"
```

```
Set-AzVM -Id $vm.id -Redeploy
```

This command deploys the virtual machine named "VirtualMachine07" using the resource ID.

RELATED LINKS

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

Get-AzVM