



### ***Windows PowerShell Get-Help on Cmdlet 'Invoke-AzVMReimage'***

***PS:\>Get-HELP Invoke-AzVMReimage -Full***

#### **NAME**

Invoke-AzVMReimage

#### **SYNOPSIS**

Reimage an Azure virtual machine.

#### **SYNTAX**

```
Invoke-AzVMReimage [-ResourceGroupName] <System.String> [-VMName] <System.String> [-AdminPassword  
<System.String>] [-AsJob] [-CustomData <System.String>]  
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]  
[-ExactVersion <System.String>] [-TempDisk] [-Confirm]  
[-WhatIf] [<CommonParameters>]
```

#### **DESCRIPTION**

The Invoke-AzVMReimage cmdlet reimages an Azure virtual machine.

-AdminPassword <System.String>

Specifies the password of the administrator account. <br><br> Minimum-length (Windows): 8 characters <br><br> Minimum-length (Linux): 6 characters <br><br>

Max-length (Windows): 123 characters <br><br> Max-length (Linux): 72 characters <br><br> Complexity requirements: 3 out of 4 conditions below need to be

fulfilled <br> Has lower characters <br>Has upper characters <br> Has a digit <br> Has a special character (Regex match [W\_]) <br><br> Disallowed values:

"abc@123\", \"P@\$sw0rd\", \"P@ssw0rd\", \"P@ssword123\", \"Pa\$\$word\", \"pass@word1\", \"Password!\", \"Password1\", \"Password22\", \"iloveyou!\" <br><br> For

resetting the password, see [How to reset the Remote Desktop service or its login password in a Windows VM](#)

(<https://docs.microsoft.com/troubleshoot/azure/virtual-machines/reset-rdp>)<br><br> For resetting root password, see [Manage users, SSH, and check or repair disks](#)

on Azure Linux VMs using the VMAccess Extension  
(<https://docs.microsoft.com/troubleshoot/azure/virtual-machines/troubleshoot-ssh-connection>)

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | named                 |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

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

-CustomData <System.String>

Specifies a base-64 encoded string of custom data. The base-64 encoded string is decoded to a binary array that is saved as a file on the Virtual Machine. The

maximum length of the binary array is 65535 bytes. <br><br> Note: Do not pass any secrets or passwords in customData property <br><br> This property cannot be

updated after the VM is created. <br><br> customData is passed to the VM to be saved as a file, for more information see Custom Data on Azure VMs

(<https://azure.microsoft.com/blog/custom-data-and-cloud-init-on-windows-azure/>)<br><br> For using cloud-init for your Linux VM, see Using cloud-init to customize

a Linux VM during creation (<https://docs.microsoft.com/azure/virtual-machines/linux/using-cloud-init>)

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

-ExactVersion <System.String>

Specifies in decimal number, the version the OS disk should be reimaged to. If exact version is not provided, the OS disk is reimaged to the existing version of

OS Disk.

Required? false  
Position? named  
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

-TempDisk <System.Management.Automation.SwitchParameter>

Specifies whether to reimage temp disk.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-VMName <System.String>

The virtual machine name.

Required? true

Position? 1

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.Automation.Models.PSOperationStatusResponse

NOTES

----- Example 1 -----

```
Invoke-AzVMReimage -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"
```

This command reimages the virtual machine named VirtualMachine07 in ResourceGroup11.

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

```
$SecurePassword = ConvertTo-SecureString "password" -AsPlainText
```

```
Invoke-AzVMReimage -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07" -TempDisk -CustomData  
$CustomData -AdminPassword $SecurePassword -ExactVersion  
"10.0.14393.0"
```

Passing in -AdminPassword using SecureString along with other parameters to reimage the virtual machine.

## RELATED LINKS

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