



Windows PowerShell Get-Help on Cmdlet 'Save-AzVMImage'

PS:\>Get-HELP Save-AzVMImage -Full

NAME

Save-AzVMImage

SYNOPSIS

Saves a virtual machine as a VMImage.

SYNTAX

```
Save-AzVMImage [-Id] <System.String> [-DestinationContainerName] <System.String> [-VHDNamePrefix]
<System.String> [[-Overwrite]] [[-Path] <System.String>] [-AsJob]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Save-AzVMImage [-ResourceGroupName] <System.String> [-Name] <System.String> [-DestinationContainerName]
<System.String> [-VHDNamePrefix] <System.String>
[-Overwrite] [-Path] <System.String> [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Save-AzVMImage cmdlet saves a virtual machine as a VMImage. Before you create a virtual machine image, sysprep the virtual machine, and then mark it as generalized by using the Set-AzVM cmdlet. The output of this cmdlet is a JavaScript Object Notation (JSON) template. You can deploy virtual machines from your captured image.

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

-DestinationContainerName <System.String>

Specifies the name of a container inside the "system" container that you want to hold your images. If the container doesn't exist, it is created for you. The virtual hard disks (VHDs) that constitute the VMImage reside in the container that this parameter specifies. If the VHDs are spread across multiple storage accounts, this cmdlet creates one container that has this name in each storage account. The URL of the saved image

is similar to:

`https://<storageAccountName>.blob.core.windows.net/system/Microsoft.Compute/Images/<imagesContainer>/<vhdPrefix-0
sDisk>.xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx.vhd.`

Required?	true
Position?	2
Default value	None
Accept pipeline input?	True (ByPropertyName)
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 a name.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Overwrite <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet overwrites any VHDs that have the same prefix in the destination container.

Required?	false
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Position? 4
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Path <System.String>

The file path in which the template of the captured image is stored.

Required? false
Position? 5
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

-VHDNamePrefix <System.String>

Specifies the prefix in the name of the blobs that constitute the storage profile of the VMImage. For example, a prefix vhdPrefix for an operating system disk

results in the name vhdPrefix-osdisk.<guid>.vhd.

Required? true
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSComputeLongRunningOperation

NOTES

----- Example 1: Capture a virtual machine -----

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

Save-AzVMImage -ResourceGroupName "ResourceGroup11" -VMName "VirtualMachine07" -DestinationContainerName "VMContainer01" -VHDNamePrefix "VM07"

The first command marks the virtual machine named VirtualMachine07 as generalized. The second command captures a virtual machine named VirtualMachine07 as a VMImage.

The Output property returns a JSON template.

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

```
Save-AzVMImage -DestinationContainerName 'VMContainer01' -Name 'VirtualMachine07' -Path  
'/home/admin/.ssh/authorized_keys' -ResourceGroupName 'ResourceGroup11'  
-VHDNamePrefix 'VM07'
```

RELATED LINKS

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

Get-AzVMImage

Get-AzVMImageOffer

Get-AzVMImagePublisher

Get-AzVMImageSku

Set-AzVM