



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

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

NAME

Save-AzVhd

SYNOPSIS

Saves downloaded .vhd images locally.

SYNTAX

```
Save-AzVhd [-ResourceGroupName] <System.String> [-SourceUri] <System.Uri> [-LocalFilePath] <System.IO.FileInfo>
[[-NumberOfThreads] <System.Int32>] [[-OverWrite]]
[[-AsJob]]
[[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Save-AzVhd [-StorageKey] <System.String> [-SourceUri] <System.Uri> [-LocalFilePath] <System.IO.FileInfo>
[[-NumberOfThreads] <System.Int32>] [[-OverWrite]] [-AsJob]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Save-AzVhd cmdlet saves .vhd images from a blob where they are stored to a file. You can specify the number of downloader threads that the process uses and

whether to replace a file that already exists. This cmdlet downloads content as it is. It does not apply any Virtual Hard Disk (VHD) format conversion.

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

-LocalFilePath <System.IO.FileInfo>

Specifies the local file path of the saved image.

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NumberOfThreads <System.Int32>

Specifies the number of download threads that this cmdlet uses during download.

Required? false

Position? 3

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-OverWrite <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet replaces the file specified by LocalFilePath file if it exists.

Required? false

Position? 4

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group of the storage account.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SourceUri <System.Uri>

Specifies the Uniform Resource Identifier (URI) of the blob in `Azure`.

Required? true

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

-StorageKey <System.String>

Specifies the storage key of the blob storage account. If you do not specify a key, this cmdlet attempts to determine the storage key of the account in SourceUri from Azure.

Required? true
Position? 0
Default value None
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

System.Uri

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.VhdDownloadContext

NOTES

----- Example 1: Download an image -----

```
Save-AzVhd -SourceUri "http://contosoaccount.blob.core.windows.net/vhdstore/win7baseimage.vhd" -LocalFilePath  
"C:\vhd\Win7Image.vhd" -ResourceGroupName "rgname"
```

This command downloads a .vhd file, and stores it in the local path C:\vhd\Win7Image.vhd.

-- Example 2: Download an image and overwrite the local file --

```
Save-AzVhd -SourceUri "http://contosoaccount.blob.core.windows.net/vhdstore/win7baseimage.vhd" -LocalFilePath  
"C:\vhd\Win7Image.vhd" -Overwrite -ResourceGroupName  
"rgname"
```

This command downloads a .vhd file, and stores it in the local path. The command includes the Overwrite parameter. Therefore, if C:\vhd\Win7Image.vhd already exists, this command replaces it.

Example 3: Download an image by using a specified number of threads

```
Save-AzVhd -SourceUri "http://contosoaccount.blob.core.windows.net/vhdstore/win7baseimage.vhd" -LocalFilePath  
"C:\vhd\Win7Image.vhd" -NumberOfThreads 32  
-ResourceGroupName "rgname"
```

This command downloads a .vhd file, and stores it in the local path. The command specifies a value of 32 for the

NumberOfThreads parameter. Therefore, the cmdlet uses

32 threads for this action.

--- Example 4: Download an image and specify the storage key ---

```
Save-AzVhd -SourceUri "http://contosoaccount.blob.core.windows.net/vhdstore/win7baseimage.vhd" -LocalFilePath  
"C:\vhd\Win7Image.vhd" -StorageKey  
"zNvcH0r5vAGmC5AbwEtpcyWCMYBd3eMDbdaa4ua6kwxq6vTZH3Y+sw=="
```

This command downloads a .vhd file and specifies the storage key.

RELATED LINKS

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

Add-AzVhd