



Windows PowerShell Get-Help on Cmdlet 'Add-AzVMSSshPublicKey'

PS:\>Get-HELP Add-AzVMSSshPublicKey -Full

NAME

Add-AzVMSSshPublicKey

SYNOPSIS

Adds the public keys for SSH for a virtual machine, when only creating the VM.

SYNTAX

```
Add-AzVMSSshPublicKey [-VM] <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine> [[-KeyData]
<System.String>] [[-Path] <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Add-AzVMSSshPublicKey cmdlet adds the public keys that you can use to connect to a Linux virtual machine over Secure Shell (SSH). This cannot be used after VM

creation, if you try to use this after VM creation without Update-AzVM, there will be no error, if you use the command with Update-AzVM, the command will error.

PARAMETERS

-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

-KeyData <System.String>

Specifies a base 64 encoding of a public key. You can connect to a Linux virtual machine by using SSH or by using the key that this parameter specifies.

Required? false

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Path <System.String>

Specifies the full path of a file, on the virtual machine, where this cmdlet stores the SSH public key. If the file already exists, this cmdlet appends the key to the file.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VM <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine>

Specifies the virtual machine object that this cmdlet modifies. To obtain a virtual machine object, use the Get-AzVM (./Get-AzVM.md)cmdlet. You can use the

New-AzVMConfig (./New-AzVMConfig.md)cmdlet to create a virtual machine object.

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

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine

System.String

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine

NOTES

----- Example 1: Add a public key to a virtual machine -----

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

$VirtualMachine = Add-AzVMSShPublicKey -VM $VirtualMachine -KeyData
"MIIDszCCApugAwIBAgIJALBV9YJCF/tAMA0GCSq12Ib3DQEB21QUAMEUxCzAJBgNV" -Path
"/home/admin/.ssh/authorized_keys"
```

The first command gets the virtual machine named VirtualMachine07 by using the Get-AzVM cmdlet. The command stores the virtual machine in the \$VirtualMachine

variable. The second command adds the public key to the location on VirtualMachine07 that the Path parameter specifies.

RELATED LINKS

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

Get-AzVM

New-AzVMConfig