



Windows PowerShell Get-Help on Cmdlet 'Get-AzVmssVM'

PS:\>Get-HELP Get-AzVmssVM -Full

NAME

Get-AzVmssVM

SYNOPSIS

Gets the properties of a VMSS virtual machine.

SYNTAX

```
Get-AzVmssVM [[-ResourceGroupName] <System.String>] [[-VMScaleSetName] <System.String>] [[-InstanceId]
<System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InstanceView
[-UserData] [<CommonParameters>]
```

DESCRIPTION

The Get-AzVmssVM cmdlet gets the model view and instance view of a Virtual Machine Scale Set (VMSS) virtual machine. The model view is the user specified properties of the virtual machine. The instance view is the instance level status of the virtual machine. Specify the Status parameter to get only the instance view of a virtual machine.

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

-InstanceId <System.String>

Specifies the instance ID for which to get the model view.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-InstanceView <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet gets only the instance view of the virtual machine.

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 VMSS.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-UserData <System.Management.Automation.SwitchParameter>

UserData for the Vmss, which will be base-64 encoded. Customer should not pass any secrets in here.

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

-VMSScaleSetName <System.String>

Specifies the name of the VMSS.

Required? false
Position? 1
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

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSetVM

NOTES

--- Example 1: Get the properties of a VMSS virtual machine ---

```
Get-AzVmssVM -ResourceGroupName "Group001" -VMScaleSetName "VMSS001"
```

This command gets the properties of the VMSS virtual machine named VMSS001 that belongs to the resource group named Group001. Since the command does not specify the

InstanceView switch parameter, the cmdlet gets the model view of the virtual machine.

Example 2: Get the model view properties of a VMSS virtual machine

```
Get-AzVmssVM -ResourceGroupName "Group002" -VMScaleSetName "VMSS004" -InstanceId $ID
```

This command gets the properties of the VMSS virtual machine named VMSS004 that belongs to the resource group named Group002. The command gets the instance ID stored

in the variable \$ID for which to get the model view.

Example 3: Get the instance view properties of a VMSS virtual machine

```
Get-AzVmssVM -InstanceView -ResourceGroupName $rgname -VMScaleSetName $vmssName -InstanceId $ID
```

This command gets the properties of the VMSS virtual machine named VMSS004 that belongs to the resource group named Group002. Since the command specifies the

InstanceView switch parameter, the cmdlet gets the instance view of the virtual machine. The command gets the instance ID stored in the variable \$ID for which to get

the instance view.

RELATED LINKS

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

Set-AzVmssVM

Get-AzVmss