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

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

NAME

Update-AzVmssVM

SYNOPSIS

Updates the state of a Vmss VM.

SYNTAX

Update-AzVmssVM [-ResourceGroupName] <System.String> [-VMScaleSetName] <System.String> [-InstanceId] <System.String> [-AsJob] [-DataDisk
<Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineDataDisk[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ProtectFromScaleIn <System.Boolean>] [-ProtectFromScaleSetAction
<System.Boolean>] [-UserData <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Update-AzVmssVM [-ResourceId] <System.String> [-AsJob] [-DataDisk <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineDataDisk[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ProtectFromScaleIn <System.Boolean>] [-ProtectFromScaleSetAction
<System.Boolean>] [-UserData <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Update-AzVmssVM [-VirtualMachineScaleSetVM]
<Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSetVM> [-AsJob] [-DataDisk
<Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineDataDisk[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ProtectFromScaleIn
<System.Boolean>] [-ProtectFromScaleSetAction
<System.Boolean>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Updates the state of a Vmss VM. For now, the only allowed update is adding a managed data disk.

PARAMETERS

-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

-DataDisk <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineDataDisk[]>

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

-InstanceId <System.String>

Specifies the instance ID of a VMSS VM.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProtectFromScaleIn <System.Boolean>

Indicates that the virtual machine scale set VM shouldn't be considered for deletion during a scale-in operation.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ProtectFromScaleSetAction <System.Boolean>

Indicates that model updates or actions (including scale-in) initiated on the VMSS should not be applied to the VMSS VM.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the Resource Group of the VMSS.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceId <System.String>

The resource id for the virtual machine scale set VM

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-UserData <System.String>

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

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VirtualMachineScaleSetVM <Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSetVM>

Local virtual machine scale set VM object

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-VMScaleSetName <System.String>

The name of the virtual machine scale set

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

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineDataDisk[]

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

OUTPUTS

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

NOTES

Example 1: Add a managed data disk to a Vmss VM using New-AzVMDataDisk

```
$disk = Get-AzDisk -ResourceGroupName $rgname -DiskName $diskname0
$datadisk = New-AzVMDataDisk -Caching 'ReadOnly' -Lun 2 -CreateOption Attach -StorageAccountType Standard_LRS
-ManagedDiskId $disk.Id
$VmssVM = Get-AzVmssVM -ResourceGroupName "myrg" -VMScaleSetName "myvmss" -InstanceId 0
```

Update-AzVmssVM -ResourceGroupName "myrg" -VMScaleSetName "myvmss" -InstanceId 0 -DataDisk $datadisk

The first command gets an existing managed disk. The next command creates a data disk object with the managed disk. The next command gets an existing Vmss VM given by

the resource group name, the vmss name and the instance ID. The final command updates the Vmss VM by adding a new data disk.

Example 2: Add a managed data disk to a Vmss VM using Add-AzVMDataDisk

$disk = Get-AzDisk -ResourceGroupName $rgname -DiskName $diskname0

$VmssVM = Get-AzVmssVM -ResourceGroupName "myrg" -VMScaleSetName "myvmss" -InstanceId 0

$VmssVM = Add-AzVMDataDisk -VM $VmssVM -Lun 0 -DiskSizeInGB 10 -CreateOption Attach -StorageAccountType Standard_LRS -ManagedDiskId $disk.Id

Update-AzVmssVM -VirtualMachineScaleSetVM $VmssVM

The first command gets an existing managed disk. The next command gets an existing Vmss VM given by the resource group name, the vmss name and the instance ID. The

next command adds the managed disk to the Vmss VM stored locally in $VmssVM. The final command updates the Vmss VM with added data disk.

---------- Example 3 ----------

Update-AzVmssVM -InstanceId 0 -ProtectFromScaleIn $false -ProtectFromScaleSetAction $false -ResourceGroupName 'myrg' -VMScaleSetName 'myvmss'

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.compute/update-azvmssvm