



## Windows PowerShell Get-Help on Cmdlet 'Invoke-AzVmssVMRunCommand'

**PS:\>Get-HELP Invoke-AzVmssVMRunCommand -Full**

### NAME

Invoke-AzVmssVMRunCommand

### SYNOPSIS

Run command on the Virtual Machine Scale Set VM.

### SYNTAX

```
Invoke-AzVmssVMRunCommand [-ResourceGroupName] <System.String> [-VMSScaleSetName] <System.String>
[-InstanceId] <System.String> [-AsJob] -CommandId <System.String>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Parameter <System.Collections.Hashtable>] [-ScriptPath
<System.String>] [-ScriptString <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-AzVmssVMRunCommand [-ResourceId] <System.String> [-AsJob] -CommandId <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Parameter
<System.Collections.Hashtable>] [-ScriptPath <System.String>]
[-ScriptString <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```

<Microsoft.Azure.Commands.Compute.Automation.Models.PSVirtualMachineScaleSetVM> [-AsJob] -CommandId
                                     <System.String>                               [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Parameter
    <System.Collections.Hashtable>] [-ScriptPath <System.String>] [-ScriptString <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

## DESCRIPTION

Invoke a run command on the Virtual Machine Scale Set VM.

## 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

-CommandId <System.String>

The run command id.

Required? true

Position? named

Default value None

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

-InstanceId <System.String>

The instance ID of the virtual machine scale set VM.

Required? true  
Position? 2  
Default value None  
Accept pipeline input? True (ByPropertyName)  
Accept wildcard characters? false

-Parameter <System.Collections.Hashtable>

The run command parameters.

Required? false  
Position? named  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group.

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

-ScriptPath <System.String>

Path of the script to be executed. When this value is given, the given script will override the default script of the command.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ScriptString <System.String>

The script as a string.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The PS Virtual Machine Scale Set VM Object.

Required? true

Position? 0

Default value            None  
Accept pipeline input?    True (ByPropertyName, ByValue)  
Accept wildcard characters? false

**-VMScaleSetName <System.String>**

The name of the virtual machine scale set VM.

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.Automation.Models.PSVirtualMachineScaleSetVM

## OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSRunCommandResult

## NOTES

----- Example 1 -----

```
Invoke-AzVmssVMRunCommand -ResourceGroupName 'rgname' -VMScaleSetName 'vmssname' -InstanceId '0'  
-CommandId 'RunPowerShellScript' -ScriptPath 'sample.ps1' -Parameter  
@{"arg1" = "var1";"arg2" = "var2"}
```

Invoke a run command of RunPowerShellScript with overriding the script 'sample.ps1' and the parameters on the ID '0'  
VM in the virtual machine scale set of 'vmssname'  
in resource group 'rgname'.

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

```
$VmssVM = Get-AzVmssVM -ResourceGroupName "myrg" -VMScaleSetName "myvmss" -InstanceId 0  
Invoke-AzVmssVMRunCommand -VirtualMachineScaleSetVM $VmssVM -CommandId 'RunPowerShellScript' -ScriptPath  
'sample.ps1' -Parameter @{"arg1" = "var1";"arg2" = "var2"}
```

Invoke a run command of RunPowerShellScript with overriding the script 'sample.ps1' and the parameters on the ID '0'  
VM in the virtual machine scale set of 'vmssname'  
in resource group 'rgname'.

#### RELATED LINKS

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