



Windows PowerShell Get-Help on Cmdlet 'Set-AzVMRunCommand'

PS:\>Get-HELP Set-AzVMRunCommand -Full

NAME

Set-AzVMRunCommand

SYNOPSIS

The operation to create or update the run command.

SYNTAX

```
Set-AzVMRunCommand -ResourceGroupName <String> -RunCommandName <String> -VMName <String>
[-SubscriptionId <String>] -Location <String> [-AsyncExecution]
[-ErrorBlobManagedIdentityClientId <String>] [-ErrorBlobManagedIdentityObjectId <String>] [-ErrorBlobUri <String>]
[-OutputBlobManagedIdentityClientId <String>]
[-OutputBlobManagedIdentityObjectId <String>] [-OutputBlobUri <String>] [-Parameter
<IRunCommandInputParameter[]>] [-ProtectedParameter <IRunCommandInputParameter[]>]
[-RunAsPassword <String>] [-RunAsUser <String>] [-ScriptUriManagedIdentityClientId <String>]
[-ScriptUriManagedIdentityObjectId <String>] [-SourceCommandId <String>]
[-SourceScript <String>] [-SourceScriptUri <String>] [-Tag <Hashtable>] [-TimeoutInSeconds <Int32>]
[-TreatFailureAsDeploymentFailure] [-DefaultProfile <PSObject>]
[-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait]
[-Proxy <Uri>] [-ProxyCredential <PSCredential>]
```

[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

Set-AzVMRunCommand -ResourceGroupName <String> -RunCommandName <String> -VMName <String>
[-SubscriptionId <String>] -Location <String> [-AsyncExecution]
[-ErrorBlobManagedIdentityClientId <String>] [-ErrorBlobManagedIdentityObjectId <String>] [-ErrorBlobUri <String>]
[-OutputBlobManagedIdentityClientId <String>]
[-OutputBlobManagedIdentityObjectId <String>] [-OutputBlobUri <String>] [-Parameter
<IRunCommandInputParameter[]>] [-ProtectedParameter <IRunCommandInputParameter[]>]
[-RunAsPassword <String>] [-RunAsUser <String>] [-ScriptUriManagedIdentityClientId <String>]
[-ScriptUriManagedIdentityObjectId <String>] [-Tag <Hashtable>]
[-TimeoutInSeconds <Int32>] [-TreatFailureAsDeploymentFailure] -ScriptLocalPath <String> [-DefaultProfile <PSObject>]
[-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]

DESCRIPTION

The operation to create or update the run command.

PARAMETERS

-ResourceGroupName <String>

The name of the resource group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RunCommandName <String>

The name of the virtual machine run command.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-VMName <String>

The name of the virtual machine where the run command should be created or updated.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SubscriptionId <String>

Subscription credentials which uniquely identify Microsoft Azure subscription.

The subscription ID forms part of the URI for every service call.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Location <String>

Resource location

Required? true
Position? named
Default value
Accept pipeline input? false

Accept wildcard characters? false

-AsyncExecution [<SwitchParameter>]

Optional.

If set to true, provisioning will complete as soon as the script starts and will not wait for script to complete.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-ErrorBlobManagedIdentityClientId <String>

Client Id (GUID value) of the user-assigned managed identity.

ObjectId should not be used if this is provided.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ErrorBlobManagedIdentityObjectId <String>

Object Id (GUID value) of the user-assigned managed identity.

ClientId should not be used if this is provided.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ErrorBlobUri <String>

Specifies the Azure storage blob where script error stream will be uploaded.

Use a SAS URI with read, append, create, write access OR use managed identity to provide the VM access to the blob.

Refer errorBlobManagedIdentity parameter.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OutputBlobManagedIdentityClientId <String>

Client Id (GUID value) of the user-assigned managed identity.

ObjectId should not be used if this is provided.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OutputBlobManagedIdentityObjectId <String>

Object Id (GUID value) of the user-assigned managed identity.

ClientId should not be used if this is provided.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OutputBlobUri <String>

Specifies the Azure storage blob where script output stream will be uploaded.

Use a SAS URI with read, append, create, write access OR use managed identity to provide the VM access to the blob.

Refer outputBlobManagedIdentity parameter.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Parameter <IRunCommandInputParameter[]>

The parameters used by the script.

To construct, see NOTES section for PARAMETER properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProtectedParameter <IRunCommandInputParameter[]>

The parameters used by the script.

To construct, see NOTES section for PROTECTEDPARAMETER properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RunAsPassword <String>

Specifies the user account password on the VM when executing the run command.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-RunAsUser <String>

Specifies the user account on the VM when executing the run command.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ScriptUriManagedIdentityClientId <String>

Client Id (GUID value) of the user-assigned managed identity.

ObjectId should not be used if this is provided.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ScriptUriManagedIdentityObjectId <String>

Object Id (GUID value) of the user-assigned managed identity.

ClientId should not be used if this is provided.

Required? false
Position? named
Default value
Accept pipeline input? false

Accept wildcard characters? false

-SourceCommandId <String>

Specifies a commandId of predefined built-in script.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SourceScript <String>

Specifies the script content to be executed on the VM.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SourceScriptUri <String>

Specifies the script download location.

It can be either SAS URI of an Azure storage blob with read access or public URI.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Resource tags

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-TimeoutInSeconds <Int32>

The timeout in seconds to execute the run command.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-TreatFailureAsDeploymentFailure [<SwitchParameter>]

Optional.

If set to true, any failure in the script will fail the deployment and ProvisioningState will be marked as Failed.

If set to false, ProvisioningState would only reflect whether the run command was run or not by the extensions platform, it would not indicate whether script failed in case of script failures.

See instance view of run command in case of script failures to see executionMessage, output, error:

<https://aka.ms/runcommandmanaged#get-execution-status-and-results>

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-ScriptLocalPath <String>

Required? true

Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.
Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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) (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Compute.Models.Api20230701.IVirtualMachineRunCommand

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

[about_Hash_Tables](#).

PARAMETER <IRunCommandInputParameter[]>: The parameters used by the script.

Name <String>: The run command parameter name.

Value <String>: The run command parameter value.

PROTECTEDPARAMETER <IRunCommandInputParameter[]>: The parameters used by the script.

Name <String>: The run command parameter name.

Value <String>: The run command parameter value.

----- EXAMPLE 1 -----

```
PS C:\>Set-AzVMRunCommand -ResourceGroupName MyRG0 -VMName MyVMEE -RunCommandName
MyRunCommand -Location EastUS2EUAP -SourceScriptUri "https://myst.blob.core.windows.n
et/mycontainer/myscript.ps1?sp=r&st=2022-10-27T21:02:35Z&se=2022-10-28T05:02:35Z&spr=https&sv=2021-06-08&sr=b
&sig=0l%2FliYayRwHasfasasfdasdfasdeTsQjLnpZjA%3D"
```

----- EXAMPLE 2 -----

```
PS C:\>Set-AzVMRunCommand -ResourceGroupName MyRG0 -VMName MyVMEE -RunCommandName
MyRunCommand -Location EastUS2EUAP -ScriptLocalPath "C:\MyScriptsDir\MyScript.ps1"
```

----- EXAMPLE 3 -----

```
PS C:\>Set-AzVMRunCommand -ResourceGroupName MyRG0 -VMName MyVML -RunCommandName
MyRunCommand2 -Location EastUS2EUAP -SourceScript "id; echo HelloWorld"
```

----- EXAMPLE 4 -----

```
PS C:\>Set-AzVMRunCommand -ResourceGroupName MyRG0 -VMName MyVMEE -RunCommandName
MyRunCommand -Location EastUS2EUAP -SourceCommandId DisableWindowsUpdate
```

----- EXAMPLE 5 -----

```
PS C:\>Set-AzVMRunCommand -ResourceGroupName MyRG0 -VMName MyVML -RunCommandName
MyRunCommand3 -Location EastUS2EUAP -ScriptLocalPath "C:\MyScriptsDir\MyScript.ps1"
                                                    -OutputBlobUri
"https://vivst.blob.core.windows.net/vivcontainer/output.txt?sp=racw&st=2022-10-27T22:18:36Z&se=2022-10-28T06:18:36Z
&spr=https&sv=2021-06-08&sr=b&sig=HQ
Au3BI%2BKMofYTjMo8o5hasfadsfasdF4jlkRJra4S5FIEo%3D" -ErrorBlobUri
"https://vivst.blob.core.windows.net/vivcontainer/error.txt?sp=racw&st=2022-10-27T22:18:36Z&se=2022-1
0-28T06:18:36Z&spr=https&sv=2021-06-08&sr=b&sig=HQAu3BI%2BKMofYTjMo8o5h%asfasdfgdT%2F4jasfasdf5FIEo%3D
"
```

----- EXAMPLE 6 -----

```
PS C:\>Set-AzVMRunCommand -ResourceGroupName MyRG0 -VMName MyVMEE -RunCommandName
MyRunCommand -Location EastUS2EUAP -ScriptLocalPath "C:\MyScriptsDir\MyScript.ps1"
-RunAsUser myusername -RunAsPassword mypassword
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.compute/set-azvmruncommand>