



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

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

NAME

Get-AzVMRunCommand

SYNOPSIS

Gets a specific Run Command or a list of Run Commands for a Virtual Machine

SYNTAX

```

Get-AzVMRunCommand [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Expand
<System.String>]
-ResourceGroupName <System.String> [-RunCommandName <System.String>] -VMName <System.String>
[<CommonParameters>]

```

DESCRIPTION

Gets specific run command for a subscription in a location.

-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

-Expand <System.String>

The expand expression to apply on the operation. Possible value(s): InstanceView

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Name of the resource group for the run command.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-RunCommandName <System.String>

The name of the virtual machine run command.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VMName <System.String>

The name of the virtual machine containing the run command.

Required? true

Position? named

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>).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Management.Compute.Models.PSVirtualMachineRunCommand

NOTES

----- Example 1: Get a Run Command for VM. -----

```
Get-AzVMRunCommand -ResourceGroupName MyRG -VMName MyVM -RunCommandName MyRunCommand
```

Get a Run Command for VM without Instance View.

---- Example 2: Get a Run Command for VM with Instance View ----

```
$x = Get-AzVMRunCommand -ResourceGroupName MyRG -VMName MyVM -RunCommandName MyRunCommand  
-Expand InstanceView  
$x.InstanceView
```

ExecutionState : Succeeded

ExecutionMessage :

ExitCode : 0

Output : Directory: C:\

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	10/27/2022 9:10 PM	0	HelloWorld2022-10-27T21.10.54.9266231+00.00.txt

Error :

StartTime : 10/27/2022 9:10:52 PM

EndTime : 10/27/2022 9:10:55 PM

Statuses :

Get a Run Command for VM with Instance View. Instance View contains execution state of run command (Succeeded, Failed, etc.), exit code, standard output and standard

error generated by executing the script using Run Command. A non-zero ExitCode indicates an unsuccessful execution.

----- Example 3: Get all Run Commands for a VM -----

```
Get-AzVMRunCommand -ResourceGroupName MyRG -VMName MyVM
```

Get all Run Commands for a VM

RELATED LINKS

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