



Windows PowerShell Get-Help on Cmdlet 'Restart-AzBatchComputeNode'

PS:\>Get-HELP Restart-AzBatchComputeNode -Full

NAME

Restart-AzBatchComputeNode

SYNOPSIS

Reboots the specified compute node.

SYNTAX

```
Restart-AzBatchComputeNode [[-ComputeNode] <Microsoft.Azure.Commands.Batch.Models.PSComputeNode>]
[[-RebootOption] {Requeue | Terminate | TaskCompletion |
RetainedData}] -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Restart-AzBatchComputeNode [-PoolId] <System.String> [-Id] <System.String> [[-RebootOption] {Requeue | Terminate |
TaskCompletion | RetainedData}] -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Restart-AzBatchComputeNode cmdlet reboots the specified compute node.

PARAMETERS

-BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

Specifies the BatchAccountContext instance that this cmdlet uses to interact with the Batch service. If you use the Get-AzBatchAccount cmdlet to get your

BatchAccountContext, then Microsoft Entra authentication will be used when interacting with the Batch service. To use shared key authentication instead, use the

Get-AzBatchAccountKey cmdlet to get a BatchAccountContext object with its access keys populated. When using shared key authentication, the primary access key is

used by default. To change the key to use, set the BatchAccountContext.KeyInUse property.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ComputeNode <Microsoft.Azure.Commands.Batch.Models.PSComputeNode>

Specifies the PSComputeNode object that represents the compute node to reboot.

Required? false

Position? 0

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

-Id <System.String>

Specifies the ID of the compute node to reboot.

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-PoolId <System.String>

Specifies the ID of the pool that contains the compute node.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RebootOption <System.Nullable`1[Microsoft.Azure.Batch.Common.ComputeNodeRebootOption]>

Specifies when to reboot the node and what to do with currently running tasks. The default is Requeue.

Required? false
Position? 2
Default value None
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

Microsoft.Azure.Commands.Batch.Models.PSComputeNode

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

System.Void

NOTES

----- Example 1: Restart a compute node -----

```
Restart-AzBatchComputeNode -PoolId "MyPool" -Id "tvm-3257026573_2-20150813t200938z" -BatchContext $Context
```

This command reboots the compute node with the ID "tvm-3257026573_2-20150813t200938z" in the pool MyPool.

----- Example 2: Restart every compute node in a pool -----

```
Get-AzBatchComputeNode -PoolId "MyPool" -BatchContext $Context | Restart-AzBatchComputeNode -BatchContext  
$Context
```

This command reboots every compute node in the pool MyPool.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.batch/restart-azbatchcomputenode>

[Get-AzBatchComputeNode](#)

[Reset-AzBatchComputeNode](#)

[Azure Batch Cmdlets](#)