



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

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

NAME

Reset-AzBatchComputeNode

SYNOPSIS

Reinstalls the operating system on the specified compute node.

SYNTAX

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

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

DESCRIPTION

The Reset-AzBatchComputeNode cmdlet reinstalls the operating system on 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 reimage.

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 reimage.

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

-ReimageOption <System.Nullable`1[Microsoft.Azure.Batch.Common.ComputeNodeReimageOption]>

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

Required? false
Position? named
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: Reimage a node -----

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

This command reimages the compute node with ID "tvm-3257026573_2-20150813t200938z" in the pool named MyPool. Use the Get-AzBatchAccountKey cmdlet to assign a context to the \$Context variable.

----- Example 2: Reimage all nodes in a pool -----

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

This command reimages every compute node in the pool named MyPool.

RELATED LINKS

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

[Get-AzBatchComputeNode](#)

[Restart-AzBatchComputeNode](#)

[Azure Batch Cmdlets](#)