Windows PowerShell Get-Help on Cmdlet 'Enable-AzBatchAutoScale'

PS:\>Get-HELP Enable-AzBatchAutoScale -Full

NAME

Enable-AzBatchAutoScale

SYNOPSIS

Enables automatic scaling of a pool.

SYNTAX

Enable-AzBatchAutoScale [-Id] <System.String> [[-AutoScaleFormula] <System.String>] [[-AutoScaleEvaluationInterval] <System.Nullable`1[System.TimeSpan]>]
-BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]

DESCRIPTION

The Enable-AzBatchAutoScale cmdlet enables automatic scaling of the specified pool.

PARAMETERS

-AutoScaleEvaluationInterval <System.Nullable`1[System.TimeSpan]>

Specifies the amount of time (in minutes) that elapses before the pool size is automatically adjusted according to the AutoScale formula. The default value is 15

minutes, and the minimum value is 5 minutes.

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AutoScaleFormula <System.String>

Specifies the formula for the desired number of compute nodes in the pool.

Required? false

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-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 object ID of the pool for which to enable automatic scaling.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

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.Batch.BatchAccountContext

OUTPUTS

System.Void

NOTES

-------- Example 1: Enable automatic scaling for a pool --------

$Formula = 'totalNodes=($CPUPercent.GetSamplePercent(TimeInterval_Minute*0,TimeInterval_Minute*10)<0.7?5:(min($CPUPercent.GetSample(TimeInterval_Minute*0,

TimeInterval_Minute*10))>0.8?($CurrentDedicated*1.1):$CurrentDedicated));$TargetDedicated=min(100,totalNodes);';

Enable-AzBatchAutoScale -Id "MyPool" -AutoScaleFormula $Formula -BatchContext $Context

The first command defines a formula, and then saves it to the $Formula variable. The second command enables automatic scaling on the pool named MyPool using the

formula in $Formula.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.batch/enable-azbatchautoscale

Disable-AzBatchAutoScale

Test-AzBatchAutoScale

Azure Batch Cmdlets