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

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

NAME

Test-AzBatchAutoScale

SYNOPSIS

Gets the result of an automatic scaling formula on a pool.

SYNTAX

Test-AzBatchAutoScale [-Id] <System.String> [-AutoScaleFormula] <System.String> -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [<CommonParameters>]

DESCRIPTION

The Test-AzBatchAutoScale cmdlet gets the result of an automatic scaling formula on the specified pool.

PARAMETERS

-AutoScaleFormula <System.String>

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

Required? true

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 test 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

Microsoft.Azure.Commands.Batch.Models.PSAutoScaleRun

NOTES

------ Example 1: Evaluate an autoscale formula on 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);';
    $Evaluation = Test-AzBatchAutoScale -Id "ContosoPool" -AutoScaleFormula $Formula -BatchContext $Context
    $Evaluation.Results

    $TargetDedicated=5;$NodeDeallocationOption=requeue;totalNodes=5
```

The first command stores a formula in the $Formula variable for use in the example. The second command evaluates the autoscale formula on the pool that has the ID

ContosoPool. The final command displays the Results by using standard dot syntax.

RELATED LINKS

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

Disable-AzBatchAutoScale

Enable-AzBatchAutoScale

Get-AzBatchAccountKey

Azure Batch Cmdlets