



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzPerfCounterDataSourceObject'***

***PS:\>Get-HELP New-AzPerfCounterDataSourceObject -Full***

### NAME

New-AzPerfCounterDataSourceObject

### SYNOPSIS

Create an in-memory object for PerfCounterDataSource.

### SYNTAX

New-AzPerfCounterDataSourceObject [-CounterSpecifier <String[]>] [-Name <String>] [-SamplingFrequencyInSeconds <Int32>] [-Stream <String[]>] [<CommonParameters>]

### DESCRIPTION

Create an in-memory object for PerfCounterDataSource.

### PARAMETERS

-CounterSpecifier <String[]>

A list of specifier names of the performance counters you want to collect.

Use a wildcard (\*) to collect a counter for all instances.

To get a list of performance counters on Windows, run the command 'typeperf'.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Name <String>

A friendly name for the data source.

This name should be unique across all data sources (regardless of type) within the data collection rule.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SamplingFrequencyInSeconds <Int32>

The number of seconds between consecutive counter measurements (samples).

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-Stream <String[]>

List of streams that this data source will be sent to.

A stream indicates what schema will be used for this data and usually what table in Log Analytics the data will be sent to.

Required? false

Position?            named  
Default value  
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>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Monitor.DataCollection.Models.PerfCounterDataSource

----- EXAMPLE 1 -----

PS C:\>New-AzPerfCounterDataSourceObject -CounterSpecifier "\\Processor(\_Total)\\% Processor Time" -Name perfCounter01 -SamplingFrequencyInSeconds 60 -Stream Microsoft-InsightsMetrics

----- EXAMPLE 2 -----

PS C:\>New-AzPerfCounterDataSourceObject -CounterSpecifier "\\Processor(\_Total)\\% Processor Time","\\Memory\\Committed Bytes","\\LogicalDisk(\_Total)\\Free Megabytes","\\PhysicalDisk(\_Total)\\Avg. Disk Queue Length" -Name cloudTeamCoreCounters

-SamplingFrequencyInSeconds 15 -Stream Microsoft-Perf

#### RELATED LINKS

<https://learn.microsoft.com/powershell/module/Az.Monitor/new-azperfcounterdatasourceobject>