PowerShell Get-Help on command 'Update-AutologgerConfig'

PS C:\Users\wahid> Get-Help Update-AutologgerConfig

NAME

    Update-AutologgerConfig

SYNOPSIS

    Modifies an existing AutoLogger session configuration.

SYNTAX

    Update-AutologgerConfig [-AsJob] [-BufferSize <UInt32>] [-CimSession

    <CimSession[]>] [-ClockType {Performance | System | Cycle}]

    [-DisableRealtimePersistence <UInt32>] [-FileMax <UInt32>] [-FlushTimer

    <UInt32>] [-Guid <String>] [-InitStatus <UInt32>] -InputObject <CimInstance[]>

    [-LocalFilePath <String>] [-LogFileMode <UInt32>] [-MaximumBuffers <UInt32>]

    [-MaximumFileSize <UInt32>] [-MinimumBuffers <UInt32>] [-PassThru] [-Start

    <UInt32>] [-ThrottleLimit <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

    Update-AutologgerConfig [-Name] <String[]> [-AsJob] [-BufferSize <UInt32>]

    [-CimSession <CimSession[]>] [-ClockType {Performance | System | Cycle}]

    [-DisableRealtimePersistence <UInt32>] [-FileMax <UInt32>] [-FlushTimer

    <UInt32>] [-Guid <String>] [-InitStatus <UInt32>] [-LocalFilePath <String>]

    [-LogFileMode <UInt32>] [-MaximumBuffers <UInt32>] [-MaximumFileSize <UInt32>]

[-MinimumBuffers <UInt32>] [-PassThru] [-Start <UInt32>] [-ThrottleLimit

<Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Update-AutologgerConfig cmdlet modifies an existing AutoLogger session

configuration.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands

that take a long time to complete.

The cmdlet immediately returns an object that represents the job and then

displays the command prompt. You can continue to work in the session

while the job completes. To manage the job, use the `*-Job` cmdlets. To

get the job results, use the Receive-Job

(https://go.microsoft.com/fwlink/?LinkID=113372)cmdlet.

For more information about Windows PowerShell background jobs, see

about_Jobs (https://go.microsoft.com/fwlink/?LinkID=113251).

-BufferSize <UInt32>

Specifies the Event Tracing for Windows (ETW) trace session buffer size in

KB.

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a

computer name or a session object, such as the output of a New-CimSession

(https://go.microsoft.com/fwlink/p/?LinkId=227967) or

[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet.

The default is the current session on the local computer.

-ClockType <ClockType>

   Specifies the type of timestamp that will be used for each event logged to

   this ETW session.

   This is an advanced session configuration option, and it is not

   recommended that this parameter be set.

   For more information, see the description of the ClientContext field in

   WNODE_HEADER structure (https://msdn.microsoft.com/en-us/library/windows/de

   sktop/aa364160.aspx)for a description of clock types.

-DisableRealtimePersistence <UInt32>

   Specifies whether to not persist real-time events that were not delivered

   before the time the computer was shutdown. Persisted events are delivered

   to the consumer the next time the consumer connects to the session. To

   disable real time persistence, specify a value of one. To persist events,

   specify a value of zero. The default is zero.

-FileMax <UInt32>

   Specifies the maximum number of log files an AutoLogger session can create.

-FlushTimer <UInt32>

   Specifies the timeout value for ETW trace session to flush capture buffer.

-Guid <String>

   Specifies an AutoLogger session configuration ID.

-InitStatus <UInt32>

   Specifies the initial status of the AutoLogger configuration.

-InputObject <CimInstance[]>

   Specifies the input to this cmdlet. You can use this parameter, or you

can pipe the input to this cmdlet.

-LocalFilePath <String>

    Specifies the full path for an ETW log file.

-LogFileMode <UInt32>

    Specify one or more log modes, such as EVENT_TRACE_REAL_TIME_MODE 0x100.

    Each mode is a bit field.

-MaximumBuffers <UInt32>

    Specifies the maximum number of buffers for an ETW trace session.

-MaximumFileSize <UInt32>

    Specifies the maximum size, in MB, of a log file before a new one is

    created.

-MinimumBuffers <UInt32>

    Specifies the minimum number of buffers for an ETW trace session.

-Name <String[]>

    Specifies the name of the AutoLogger session.

-PassThru [<SwitchParameter>]

    Indicates that this cmdlet returns an object that represents the item on

    which it operates. By default, this cmdlet does not generate any output.

-Start <UInt32>

    By default, the AutoLogger session is configured to start at boot time.

-ThrottleLimit <Int32>

    Specifies the maximum number of concurrent operations that can be

    established to run the cmdlet. If this parameter is omitted or a value of

    `0` is entered, then Windows PowerShellr calculates an optimum throttle

limit for the cmdlet based on the number of CIM cmdlets that are running

on the computer. The throttle limit applies only to the current cmdlet,

not to the session or to the computer.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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).

-------------- Example 1: Modify a configuration --------------

PS C:\> Update-AutologgerConfig -Name "WFP-IPsec Trace" -MaximumBuffers 8

-ClockType Cycle

This command modifies the AutoLogger configuration named WFP-IPsec Trace.

REMARKS

To see the examples, type: "get-help Update-AutologgerConfig -examples".

For more information, type: "get-help Update-AutologgerConfig -detailed".

For technical information, type: "get-help Update-AutologgerConfig -full".

For online help, type: "get-help Update-AutologgerConfig -online"