Windows PowerShell Get-Help on Cmdlet 'Add-JobTrigger'

PS:\>Get-HELP Add-JobTrigger -Full

NAME

   Add-JobTrigger

SYNOPSIS

   Adds job triggers to scheduled jobs.

SYNTAX

   Add-JobTrigger   [-Id]   <System.Int32[]>   [-Trigger]   <Microsoft.PowerShell.ScheduledJob.ScheduledJobTrigger[]>
[<CommonParameters>]

   Add-JobTrigger   [-InputObject]   <Microsoft.PowerShell.ScheduledJob.ScheduledJobDefinition[]>   [-Trigger]
<Microsoft.PowerShell.ScheduledJob.ScheduledJobTrigger[]>

   [<CommonParameters>]

   Add-JobTrigger [-Name] <System.String[]> [-Trigger] <Microsoft.PowerShell.ScheduledJob.ScheduledJobTrigger[]>
[<CommonParameters>]

DESCRIPTION

The `Add-JobTrigger` cmdlet adds job triggers to scheduled jobs. You can use it to add multiple triggers to multiple scheduled jobs.

A job trigger starts a scheduled job on a one-time or recurring schedule or when an event occurs.

Use the Trigger parameter of `Add-JobTrigger` to identify the job triggers to add. Use the Name , ID , or InputObject parameters of `Add-JobTrigger` to identify the

scheduled job to which the triggers are added.

To create job triggers for the value of the Trigger parameter, use the `New-JobTrigger` cmdlet or use a hash table to specify the job trigger.

`Add-JobTrigger` is one of a collection of job scheduling cmdlets in the PSScheduledJob module that is included in Windows PowerShell.

For more information about Scheduled Jobs, see the About topics in the PSScheduledJob module. Import the PSScheduledJob module and then type: `Get-Help

about_Scheduled*` or see about_Scheduled_Jobs (About/about_Scheduled_Jobs.md).

This cmdlet was introduced in Windows PowerShell 3.0.

PARAMETERS

-Id <System.Int32[]>

Specifies the identification numbers of the scheduled jobs. `Add-JobTrigger` adds the job trigger to the specified scheduled jobs.

To get the identification number of scheduled jobs on the local computer or a remote computer, use the `Get-ScheduledJob` cmdlet.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-InputObject <Microsoft.PowerShell.ScheduledJob.ScheduledJobDefinition[]>

Specifies the scheduled jobs. Enter a variable that contains ScheduledJob objects or type a command or expression that gets ScheduledJob objects, such as a

`Get-ScheduledJob` command. You can also pipe ScheduledJob objects to `Add-JobTrigger`.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-Name <System.String[]>

Specifies the names of the scheduled jobs. `Add-JobTrigger` adds the job triggers to the specified scheduled jobs. Wildcards are supported.

To get the names of scheduled jobs on the local computer or a remote computer, use the ` Get-ScheduledJob ` cmdlet.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Trigger <Microsoft.PowerShell.ScheduledJob.ScheduledJobTrigger[]>

Specifies the job triggers to add. Enter a hash table that specifies job triggers or a variable that contains ScheduledJobTrigger objects, or type a command or

expression that gets ScheduledJobTrigger objects, such as a `Get-JobTrigger` command. You can also pipe ScheduledJobTrigger objects to `Add-JobTrigger`.

Required?   true

Position?   1

Default value   None

Accept pipeline input?   True (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

Microsoft.PowerShell.ScheduledJob.ScheduledJobTrigger

You can pipe a job trigger to this cmdlet.

Microsoft.PowerShell.ScheduledJob.ScheduledJobDefinition

You can pipe a scheduled job to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

------- Example 1: Add a job trigger to a scheduled job -------

$Daily = New-JobTrigger -Daily -At 3AMPS

Add-JobTrigger -Trigger $Daily -Name "TestJob"

These commands add the Daily job trigger to the TestJob scheduled job.

The first command uses the `New-JobTrigger` cmdlet to create a job trigger that starts a scheduled job every day at 3:00 a.m. The command saves the job trigger in the
`$Daily` variable.

The second command uses the `Add-JobTrigger` cmdlet to add the job trigger in the $Startup variable to the TestJob scheduled job.

---- Example 2: Add a job trigger to several scheduled jobs ----

Get-ScheduledJob | Add-JobTrigger -Trigger (New-JobTrigger -AtStartup)

This command adds an AtStartup job trigger to all scheduled jobs on the local computer. It uses the ` Get-ScheduledJob ` to get all of the scheduled jobs on the
computer. It uses a pipeline operator (`|`) to send the jobs to the `Add-JobTrigger` cmdlet, which adds the job trigger to each of the scheduled jobs. The value of
the Trigger parameter is a ` New-JobTrigger ` command that creates the AtStartup job trigger.

---------------- Example 3: Copy a job trigger ----------------

$T = Get-JobTrigger -Name "BackupArchives"
Add-JobTrigger -Name "TestBackup,BackupLogs" -Trigger $T

These commands copy the job trigger from the BackupArchives scheduled job and add it to the TestBackup and BackupLogs scheduled jobs.

The first command uses the `Get-JobTrigger` cmdlet to get the job trigger of the BackupArchives scheduled job. The command saves the trigger in the $t variable.

The second command uses the `Add-JobTrigger` cmdlet to add the job trigger in $t to the TestBackup and BackupLogs scheduled jobs.

RELATED LINKS

https://learn.microsoft.com/powershell/module/psscheduledjob/add-jobtrigger?view=powershell-5.1&WT.mc_id=ps-gethelp

Add-JobTrigger

Disable-JobTrigger

Disable-ScheduledJob

Enable-JobTrigger

Enable-ScheduledJob

Get-JobTrigger

Get-ScheduledJob

Get-ScheduledJobOption

New-JobTrigger

New-ScheduledJobOption

Register-ScheduledJob

Remove-JobTrigger

Set-JobTrigger

Set-ScheduledJob

Set-ScheduledJobOption

Unregister-ScheduledJob