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PowerShell

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PowerShell Get-Help on command 'Set-ClusteredScheduledTask'

PS C:\Users\wahid> Get-Help Set-ClusteredScheduledTask

NAME

Set-ClusteredScheduledTask

SYNOPSIS

Changes settings for a clustered scheduled task.

SYNTAX

```
Set-ClusteredScheduledTask [-TaskName] <String> [[-Action] <CimInstance[]>]
[[-Cluster] <String>] [[-Trigger] <CimInstance[]>] [[-Settings] <CimInstance>]
[[-Description] <String>] [-AsJob] [-CimSession <CimSession[]>]
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Set-ClusteredScheduledTask [-TaskName] <String> [-InputObject] <CimInstance>
[[-Cluster] <String>] [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit
<Int32>] [<CommonParameters>]
```

```
Set-ClusteredScheduledTask [-TaskName] <String> [-Xml] <String> [[-Cluster]
<String>] [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

DESCRIPTION

The Set-ClusteredScheduledTask cmdlet changes settings for a clustered scheduled task. For instance, you can change the actions or triggers associated with a task.

You can make changes to a task even if an instance of the task is currently running. Any changes do not affect any actions already initiated.

For more information about the Task Scheduler, see the Task Scheduler Overview (<https://technet.microsoft.com/en-us/library/cc721871.aspx>) topic in the TechNet Library at <http://technet.microsoft.com/en-us/library/cc721871.aspx>.

PARAMETERS

-Action <CimInstance[]>

Specifies an array of action objects to use in the task. To obtain a task action object, use the New-ScheduledTaskAction cmdlet.

A task can have a single action or up to 32 actions. If you specify more than one action, the cluster runs them in sequence.

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-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.

-Cluster <String>

Specifies the name of a failover cluster. If you do not specify a cluster, the cmdlet uses the current node cluster name.

-Description <String>

Specifies a description of a task.

-InputObject <CimInstance>

Specifies the input object that is used in a pipeline command.

-Settings <CimInstance>

Specifies a CimInstance object that contains properties that Windows Task Scheduler uses to configure running of a task. To obtain a settings object, use the `New-ScheduledTaskSettingsSet` cmdlet.

-TaskName <String>

Specifies a name of a scheduled task.

-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 PowerShell 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.

-Trigger <CimInstance[]>

Specifies an array of trigger objects to use in the task. To obtain a task trigger object, use the `New-ScheduledTaskTrigger` cmdlet.

A trigger is a set of criteria that starts the running of a task. You can use both time-based and event-based triggers. One or more triggers can start a task. You can specify up to 48 triggers.

-Xml <String>

Specifies an XML-formatted string that contains a task definition. You can export a task definition from Task Scheduler.

The string represents the triggers, actions, and other settings for a task. The string uses the Task Scheduler Schema.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

----- Example 1: Change actions for a task -----

```
PS C:\> $Action01 = New-ScheduledTaskAction -Execute "Notepad"
PS C:\> $Action02 = New-ScheduledTaskAction -Execute "Calc"
PS C:\> Set-ClusteredScheduledTask -TaskName "Task03" -Action
$Action01,$Action02
```

This example changes the task actions for a scheduled task.

The first command uses the `New-ScheduledTaskAction` cmdlet to create a task action and stores that action in the `$Action01` variable.

The second command uses the `New-ScheduledTaskAction` cmdlet to create a task action and stores that action in the `$Action02` variable.

The final command changes the action assigned to the task named `Task03` to the two actions stored in `$Action01` and `$Action02`. The cluster runs more than one action in sequence.

To see the examples, type: "get-help Set-ClusteredScheduledTask -examples".

For more information, type: "get-help Set-ClusteredScheduledTask -detailed".

For technical information, type: "get-help Set-ClusteredScheduledTask -full".

For online help, type: "get-help Set-ClusteredScheduledTask -online"