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PowerShell Get-Help on command 'Stop-DscConfiguration'

PS C:\Users\wahid> Get-Help Stop-DscConfiguration

NAME

Stop-DscConfiguration

SYNOPSIS

Stops a configuration job that is running.

SYNTAX

Stop-DscConfiguration [-AsJob] [-CimSession

<Microsoft.Management.Infrastructure.CimSession[]>] [-Force] [-ThrottleLimit

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

DESCRIPTION

The `Stop-DscConfiguration` cmdlet stops a configuration job that is running.

Specify which computers this cmdlet applies to by using Common Information

Model (CIM) sessions. If there's no configuration job running, this cmdlet

returns a warning message.

`Stop-DscConfiguration` is only available as part of the November 2014 update

rollup for Windows RT 8.1, Windows 8.1, and Windows Server 2012 R2

(https://support.microsoft.com/kb/3000850)from the Microsoft Support library.

Before you use this cmdlet, review the information in What's New in Windows PowerShell 5.0 (/powershell/scripting/whats-new/What-s-New-in-Windows-PowerShell-50)

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet runs the command as a background job. For more information about PowerShell background jobs, see about_Jobs (../Microsoft.PowerShell.Core/About/about_Jobs.md)and about_Remote_Jobs (../Microsoft.PowerShell.Core/About/about_Remote_Jobs.md).

To use the AsJob parameter, the local and remote computers must be configured for remoting. On Windows Vista and later versions of the Windows operating system, you must open PowerShell with the Run as administrator option. For more information, see about_Remote_Requirements (../Microsoft.PowerShell.Core/About/about_Remote_Requirements.md).

-CimSession <Microsoft.Management.Infrastructure.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 from `New-CimSession` or `Get-CimSession`.

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

-ThrottleLimit <System.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, PowerShell calculates an optimum throttle limit 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 <System.Management.Automation.SwitchParameter>
`Stop-DscConfiguration` doesn't support the Confirm parameter. If the
Confirm parameter is used, an error is displayed.

For PowerShell cmdlets that support Confirm , using the parameter prompts
you for verification before a command is run.

-WhatIf <System.Management.Automation.SwitchParameter>
Shows what would happen if the cmdlet runs. The cmdlet isn't 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: Stop a configuration job ----------

```
$Session = New-CimSession -ComputerName Server01 -Credential ACCOUNTS\User01
Stop-DscConfiguration -CimSession $Session
```

`New-CimSession` uses the ComputerName parameter to specify the Server01
computer. The Credential parameter specifies the user account. The CimSession
object is stored in the `$Session` variable. When the command is run, you're
prompted for the user account's password.

`Stop-DscConfiguration` uses the CimSession parameter and the object stored in
`$Session` to stop the configuration job.

REMARKS

To see the examples, type: "get-help Stop-DscConfiguration -examples".

For more information, type: "get-help Stop-DscConfiguration -detailed".

For technical information, type: "get-help Stop-DscConfiguration -full".

For online help, type: "get-help Stop-DscConfiguration -online"