Windows PowerShell Get-Help on Cmdlet 'Stop-DscConfiguration'

PS:\>Get-HELP Stop-DscConfiguration -Full

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).

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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`.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet isn't run.

Required? false

Position? named

Default value False

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

None

OUTPUTS

None

NOTES

---------- 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.

RELATED LINKS

Online Version: https://docs.microsoft.com/powershell/module/psdesiredstateconfiguration/stop-dscconfiguration?view=powershell-5.1&WT.mc_id=ps-gethelp

Get-CimSession

Get-DscConfiguration

Get-DscConfigurationStatus

New-CimSession

Restore-DscConfiguration

Start-DscConfiguration

Test-DscConfiguration

Update-DscConfiguration

Windows PowerShell Desired State Configuration Overview