



Windows PowerShell Get-Help on Cmdlet 'Enable-DscDebug'

PS:\>Get-HELP Enable-DscDebug -Full

NAME

Enable-DscDebug

SYNOPSIS

Starts debugging of all DSC resources.

SYNTAX

Enable-DscDebug [-AsJob] [-BreakAll] [-CimSession <Microsoft.Management.Infrastructure.CimSession[]>] [-ThrottleLimit
<System.Int32>] [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

The `Enable-DscDebug` cmdlet enables Windows PowerShell Desired State Configuration (DSC) resource debugging by the DSC engine, which is also known as the Local

Configuration Manager (LCM). By default, all resource instances break into the debugger.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet runs the command as a background job.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-BreakAll <System.Management.Automation.SwitchParameter>

Indicates that all resources enter the debugger when a configuration runs.

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 of a New-CimSession

(/powershell/module/cimcmdlets/new-cimsession) or

[Get-CimSession](/powershell/module/cimcmdlets/get-cimsession)cmdlet. The default is the current session on the local computer.

Required? false

Position? named

Default value None

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, 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.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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 is not 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

INPUTS

OUTPUTS

NOTES

----- Example 1: Start debugging -----

```
Enable-DscDebug -BreakAll
```

This command indicates to the DSC engine or LCM to start resource debugging. The next time the configuration is run, the process enters the debugger.

----- Example 2: Start remote debugging -----

```
Enable-DscDebug -BreakAll -CimSession DeploymentServer
```

This command indicates to the DSC engine of the remote computer to start resource debugging.

RELATED LINKS

Online

Version:

https://docs.microsoft.com/powershell/module/psdesiredstateconfiguration/enable-dscdebug?view=powershell-5.1&WT.mc_id=ps-gethelp

Windows PowerShell Desired State Configuration Overview

Disable-DscDebug

Get-DscConfiguration

Get-DscConfigurationStatus

Restore-DscConfiguration

Start-DscConfiguration

