



python



PowerShell

FPDF Library
PDF generator

Full credit is given to the above companies including the OS that this PDF file was generated!

PowerShell Get-Help on command 'Enable-DscDebug'

PS C:\Users\wahid> Get-Help Enable-DscDebug

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.

-BreakAll <System.Management.Automation.SwitchParameter>

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

-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.

-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.

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not 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: 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.

REMARKS

To see the examples, type: "get-help Enable-DscDebug -examples".

For more information, type: "get-help Enable-DscDebug -detailed".

For technical information, type: "get-help Enable-DscDebug -full".

For online help, type: "get-help Enable-DscDebug -online"