



python



PowerShell

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PowerShell Get-Help on command 'Get-DscConfiguration'

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

NAME

Get-DscConfiguration

SYNOPSIS

Gets the current configuration of the nodes.

SYNTAX

```
Get-DscConfiguration [-AsJob] [-CimSession  
<Microsoft.Management.Infrastructure.CimSession[]>] [-ThrottleLimit  
<System.Int32>] [<CommonParameters>]
```

DESCRIPTION

The `Get-DscConfiguration` cmdlet gets the current configuration of the nodes, if the configuration exists. Specify computers by using Common Information Model (CIM) sessions. If you do not specify a target computer, the cmdlet gets the configuration from the local computer.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

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

-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.

<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: Get the configuration for the local computer ---

Get-DscConfiguration

This command gets the current state for the local computer.

-- Example 2: Get the configuration for a specified computer --

```
$Session = New-CimSession -ComputerName "Server01" -Credential  
ACCOUNTS\PattiFuller
```

Get-DscConfiguration -CimSession \$Session

This example gets the current state from a computer specified by a CIM session. The example creates a CIM session for a computer named Server01 for use with the cmdlet. Alternatively, create an array of CIM sessions to apply the cmdlet to multiple specified computers.

The first command creates a CIM session by using the `New-CimSession`` cmdlet, and then stores the CimSession object in the `$Session` variable. The command prompts you for a password. For more information, type `Get-Help New-CimSession``.

The second command gets the current configuration for the computers identified by the CimSession objects stored in the `$Session` variable, in this case, the computer named Server01.

REMARKS

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

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

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

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