Windows PowerShell Get-Help on Cmdlet 'Get-DscConfigurationStatus'

PS:\>Get-HELP Get-DscConfigurationStatus -Full

NAME

   Get-DscConfigurationStatus

SYNOPSIS

   Retrieves data about completed configuration runs.

SYNTAX

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

DESCRIPTION

    The `Get-DscConfigurationStatus` cmdlet retrieves detailed information about completed configuration runs on the system. By default, it returns the information about

   the last configuration run. This cmdlet is useful for finding historical information about configuration runs, such as when the configurations were run, the status of

   the runs, the number of resources in the configurations, and which resources succeeded or failed.

PARAMETERS

-All <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet retrieves information about all the configuration runs on the computer, including the configuration application and the consistency

check.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-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

-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

<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

OUTPUTS

NOTES

--- Example 1: Get information on the last configuration run ---

Get-DscConfigurationStatus

This command gets information on the last configuration run.

------- Example 2: Get information on all configurations -------

Get-DscConfigurationStatus -All

This command gets information about all the configurations that were run on the system, including the Windows PowerShell Desired State Configuration (DSC) consistency

check.

Example 3: Get information on the configuration run on a remote computer

Get-DscConfigurationStatus -CimSession "Server01"

This command gets the configuration run details of the remote computer named Server01. This uses the WSMan transport to connect to the remote computer and requires

that the connecting user be an administrator on the remote computer.

RELATED LINKS

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

Windows PowerShell Desired State Configuration Overview

Get-DscConfiguration

Get-DscLocalConfigurationManager

Restore-DscConfiguration

Start-DscConfiguration

Test-DscConfiguration