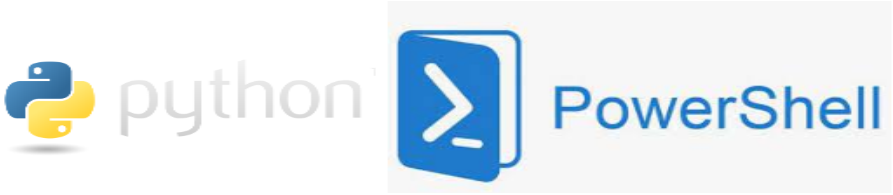

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PowerShell Get-Help on command 'Get-DscLocalConfigurationManager'

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

NAME

Get-DscLocalConfigurationManager

SYNOPSIS

Gets Local Configuration Manager (LCM) settings and states for the node.

SYNTAX

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

DESCRIPTION

The `Get-DscLocalConfigurationManager` cmdlet gets LCM settings, or meta-configuration, and the states of LCM for the node. Specify computers by using Common Information Model (CIM) sessions. If you do not specify a target computer, the cmdlet gets the configuration settings 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` or `Get-CimSession` cmdlet.

-ThrottleLimit <System.Int32>
    Specifies the maximum number of concurrent operations that can be
    established to run the cmdlet.

<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 LCM settings for the local computer ------

Get-DscLocalConfigurationManager

ActionAfterReboot   : ContinueConfiguration
AgentId   : 47edd8c9-2798-4827-839a-b35cc87e69fb
AllowModuleOverWrite   : False
CertificateID   :
ConfigurationDownloadManagers : {}
ConfigurationID   :
ConfigurationMode   : ApplyAndMonitor
ConfigurationModeFrequencyMins : 15
Credential   :
DebugMode   : {NONE}
DownloadManagerCustomData   :

```
DownloadManagerName           :
LCMCompatibleVersions         : {1.0, 2.0}
LCMState                      : Idle
LCMStateDetail                :
LCMVersion                    : 2.0
StatusRetentionTimeInDays     : 10
SignatureValidationPolicy     : NONE
SignatureValidations          : {}
MaximumDownloadSizeMB         : 500
PartialConfigurations         :
RebootNodeIfNeeded            : False
RefreshFrequencyMins          : 30
RefreshMode                   : PUSH
ReportManagers                : {}
ResourceModuleManagers        : {}
PSComputerName
```

This command gets LCM settings for the local computer.

For more information on the individual attributes of the output, see the
Configuring the Local Configuration Manager (../../docs-conceptual/dsc/managing
-nodes/metaconfig.md#basic-settings)documentation.
----- Example 2: Get LCM settings for a specified computer -----

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

```
ActionAfterReboot             : ContinueConfiguration
AgentId                       : 169dfa57-a7f9-43be-a7a5-9dd06587e052
AllowModuleOverWrite          : False
CertificateID                 :
ConfigurationDownloadManagers : {}
```

```
ConfigurationID                :
ConfigurationMode              : ApplyAndMonitor
ConfigurationModeFrequencyMins : 15
Credential                     :
DebugMode                      : {NONE}
DownloadManagerCustomData      :
DownloadManagerName            :
LCMCompatibleVersions          : {1.0, 2.0}
LCMState                       : Idle
LCMStateDetail                 :
LCMVersion                     : 2.0
StatusRetentionTimeInDays      : 10
SignatureValidationPolicy      : NONE
SignatureValidations           : {}
MaximumDownloadSizeMB          : 500
PartialConfigurations          :
RebootNodeIfNeeded             : False
RefreshFrequencyMins           : 30
RefreshMode                    : PUSH
ReportManagers                 : {}
ResourceModuleManagers         : {}
PSComputerName                 : Server01
PSComputerName                 : Server01
```

This example gets LCM settings for 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 Local Configuration Manager settings 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-DscLocalConfigurationManager -examples".

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

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

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