



python



PowerShell

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### ***PowerShell Get-Help on command 'Disable-PSSessionConfiguration'***

***PS C:\Users\wahid> Get-Help Disable-PSSessionConfiguration***

#### NAME

Disable-PSSessionConfiguration

#### SYNOPSIS

Disables session configurations on the local computer.

#### SYNTAX

```
Disable-PSSessionConfiguration [[-Name] <System.String[]> [-Force]
[-NoServiceRestart] [-Confirm] [-WhatIf] [<CommonParameters>]
```

#### DESCRIPTION

The `Disable-PSSessionConfiguration` cmdlet disables session configurations on the local computer, which prevents all users from using the session configurations to create a user-managed sessions ( PSSessions ) on the local computer. This is an advanced cmdlet that is designed to be used by system administrators to manage customized session configurations for their users.

Starting in PowerShell 3.0, the `Disable-PSSessionConfiguration` cmdlet sets the Enabled setting of the session configuration

(`WSMan:\localhost\Plugins<SessionConfiguration>\Enabled`) to False.

In PowerShell 2.0, the `Disable-PSSessionConfiguration` cmdlet adds a Deny\_All entry to the security descriptor of one or more registered session configurations.

Without parameters, `Disable-PSSessionConfiguration` disables the Microsoft.PowerShell configuration, the default configuration used for sessions. Unless the user specifies a different configuration, both local and remote users are effectively prevented from creating any sessions that connect to the computer.

To disable all session configurations on the computer, use `Disable-PSRemoting`.

## PARAMETERS

`-Force <System.Management.Automation.SwitchParameter>`

Forces the command to run without asking for user confirmation.

`-Name <System.String[]>`

Specifies an array of names of session configurations to disable. Enter one or more configuration names. Wildcard characters are permitted. You can also pipe a string that contains a configuration name or a session configuration object to `Disable-PSSessionConfiguration`.

If you omit this parameter, `Disable-PSSessionConfiguration` disables the Microsoft.PowerShell session configuration.

`-NoServiceRestart <System.Management.Automation.SwitchParameter>`

Used to prevent the restart of the WSMan service. It is not necessary to restart the service to disable the configuration.

-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: Disable the default configuration -----

Disable-PSSessionConfiguration

--- Example 2: Disable all registered session configurations ---

Disable-PSSessionConfiguration -Name \*

----- Example 3: Disable session configurations by name -----

Disable-PSSessionConfiguration -Name Microsoft\* -Force

Example 4: Disable session configurations by using the pipeline

Get-PSSessionConfiguration -Name MaintenanceShell, AdminShell |

Disable-PSSessionConfiguration

--- Example 5: Effects of disabling a session configuration ---

```
PS> Get-PSSessionConfiguration | Format-Table -Property Name, Permission -Auto
```

Name	Permission
-----	-----
MaintenanceShell	BUILTIN\Administrators AccessAllowed
microsoft.powershell	BUILTIN\Administrators AccessAllowed
microsoft.powershell32	BUILTIN\Administrators AccessAllowed

```
PS> Disable-PSSessionConfiguration -Name MaintenanceShell -Force
```

```
PS> Get-PSSessionConfiguration | Format-Table -Property Name, Permission -Auto
```

Name	Permission
-----	-----
MaintenanceShell	Everyone AccessDenied, BUILTIN\Administrators AccessAllowed
microsoft.powershell	BUILTIN\Administrators AccessAllowed
microsoft.powershell32	BUILTIN\Administrators AccessAllowed

```
PS> New-PSSession -ComputerName localhost -ConfigurationName MaintenanceShell
```

[localhost] Connecting to remote server failed with the following error

message : Access is denied.

For more information, see the about\_Remote\_Troubleshooting Help topic.

+ CategoryInfo : OpenError:

(System.Manageme....RemoteRunspace:RemoteRunspace) [],

PSRemotingTransportException

+ FullyQualifiedErrorId : PSSessionOpenFailed

> [!NOTE] > Disabling the configuration does not prevent you from changing the configuration using the > `Set-PSSessionConfiguration` cmdlet. It only prevents use of the configuration.

## REMARKS

To see the examples, type: "get-help Disable-PSSessionConfiguration -examples".

For more information, type: "get-help Disable-PSSessionConfiguration  
-detailed".

For technical information, type: "get-help Disable-PSSessionConfiguration  
-full".

For online help, type: "get-help Disable-PSSessionConfiguration -online"