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Windows PowerShell Get-Help on Cmdlet 'Disable-PSSessionConfiguration'

PS:\>Get-HELP Disable-PSSessionConfiguration -Full

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.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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.

Required? false

Position? 0

Default value None
Accept pipeline input? True (ByPropertyName, ByValue)
Accept wildcard characters? true

-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.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

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

Required? false
Position? named
Default value False
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

Microsoft.PowerShell.Commands.PSSessionConfigurationCommands#PSSessionConfiguration

You can pipe a session configuration object to this cmdlet.

System.String

You can pipe a string that contains the name of a session configuration to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

To run this cmdlet you must start PowerShell by using the Run as administrator option.

----- 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.

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.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/microsoft.powershell.core/disable-pssessionconfiguration?view=powershell-5.1&WT.mc_id=ps-gethelp

[Enable-PSSessionConfiguration](#)

[Get-PSSessionConfiguration](#)

[New-PSSessionConfigurationFile](#)

[Register-PSSessionConfiguration](#)

[Set-PSSessionConfiguration](#)

[Test-PSSessionConfigurationFile](#)

[Unregister-PSSessionConfiguration](#)

[WSMan Provider](#)

[about_Session_Configurations](#)

[about_Session_Configuration_Files](#)