



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

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

NAME

Unregister-PSSessionConfiguration

SYNOPSIS

Deletes registered session configurations from the computer.

SYNTAX

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

DESCRIPTION

The 'Unregister-PSSessionConfiguration' cmdlet deletes registered session configurations from the computer. This cmdlet is designed for system administrators to manage customized session configurations for users.

To make the change effective, 'Unregister-PSSessionConfiguration' restarts the WinRM service. To prevent the restart, specify the NoServiceRestart parameter.

If you accidentally delete the default `Microsoft.PowerShell` or `Microsoft.PowerShell32` session configurations, use the `Enable-PSRemoting` cmdlet to restore them.

For more information, see [about_Session_Configurations](#) (About/about_Session_Configurations.md).

PARAMETERS

-Force <System.Management.Automation.SwitchParameter>

Indicates that the cmdlet does not prompt you for confirmation, and restarts the WinRM service without prompting.

Restarting the service makes the configuration change effective.

To prevent a restart and suppress the restart prompt, use the `NoServiceRestart` parameter.

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

-Name <System.String>

Specifies the names of the session configurations to delete. Enter one session configuration name or a configuration name pattern. Wildcard characters are permitted. This parameter is required.

You can also pipe a session configurations to `Unregister-PSSessionConfiguration`.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	true

-NoServiceRestart <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet does not restart the WinRM service, and suppresses the prompt to restart the service.

By default, when you run an `Unregister-PSSessionConfiguration` command, you are prompted to restart the WinRM service to make the change effective. Until the

WinRM service is restarted, users can still use the unregistered session configuration, even though `Get-PSSessionConfiguration` does not find it.

To restart the WinRM service without prompting, specify the Force parameter. To restart the WinRM service manually, use the `Restart-Service` cmdlet.

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) (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

Microsoft.PowerShell.Commands.PSSessionConfigurationCommands#PSSessionConfiguration

You can pipe a session configuration object 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: Delete a session configuration -----

```
Unregister-PSSessionConfiguration -Name "MaintenanceShell"
```

Example 2: Delete a session configuration and restart the WinRM service

```
Unregister-PSSessionConfiguration -Name MaintenanceShell -Force
```

----- Example 3: Delete all session configurations -----

```
Unregister-PSSessionConfiguration -Name *
```

```
Get-PSSessionConfiguration -Name * | Unregister-PSSessionConfiguration
```

----- Example 4: Unregister without a restart -----

```
PS> Unregister-PSSessionConfiguration -Name "MaintenanceShell" -NoServiceRestart
```

```
PS> Get-PSSessionConfiguration -Name "MaintenanceShell"
```

```
Get-PSSessionConfiguration -Name MaintenanceShell : No Session Configuration matches criteria "MaintenanceShell".
```

```
+ CategoryInfo          : NotSpecified: (:) [Write-Error], WriteErrorException
```

```
+ FullyQualifiedErrorId : Microsoft.PowerShell.Commands.WriteErrorException
```

```
PS> New-PSSession -ConfigurationName "MaintenanceShell"
```

Id	Name	ComputerName	State	Configuration	Availability
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1	Session1	localhost	Opened	MaintenanceShell	Available
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```
PS> Restart-Service winrm
```

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

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

The WS-Management service cannot process the request.

The resource URI (<http://schemas.microsoft.com/powershell/MaintenanceShell>) was not found in the WS-Management catalog.

The catalog contains the metadata that describes resources, or logical endpoints.

For more information, see the `about_Remote_Troubleshooting` Help topic.

```
+ CategoryInfo          : OpenError: (System.Manageme....RemoteRunspace:RemoteRunspace) [],
```

```
PSRemotingTransportException
```

```
+ FullyQualifiedErrorId : PSSessionOpenFailed
```

The ``Unregister-PSSessionConfiguration`` deletes the ``MaintenanceShell`` session configuration. However, because the command uses the `NoServiceRestart` parameter, the

WinRM service is not restarted and the change is not yet completely effective.

Next, the ``Get-PSSessionConfiguration`` tries to get the ``MaintenanceShell`` session. Because the session has been removed from the WS-Management resource table,

``Get-PSSessionConfiguration`` cannot return it.

The ``New-PSSession`` cmdlet creates a session using the ``MaintenanceShell`` configuration. The command succeeds. Next, we restart the WinRM service.

Finally, the ``New-PSSession`` cmdlet tries to create a session that uses the ``MaintenanceShell`` configuration. This time, the session fails because the

``MaintenanceShell`` configuration was deleted when the WinRM service restarted.

RELATED LINKS

Online

Version:

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

[Disable-PSSessionConfiguration](#)

[Enable-PSSessionConfiguration](#)

[Get-PSSessionConfiguration](#)

[New-PSSessionConfigurationFile](#)

[New-PSSessionOption](#)

[Register-PSSessionConfiguration](#)

[Set-PSSessionConfiguration](#)

[Test-PSSessionConfigurationFile](#)

[Unregister-PSSessionConfiguration](#)

[WSMan Provider](#)

[about_Session_Configurations](#)

[about_Session_Configuration_Files](#)

