



python



PowerShell

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PowerShell Get-Help on command 'Test-PSSessionConfigurationFile'

PS C:\Users\wahid> Get-Help Test-PSSessionConfigurationFile

NAME

Test-PSSessionConfigurationFile

SYNOPSIS

Verifies the keys and values in a session configuration file.

SYNTAX

```
Test-PSSessionConfigurationFile [-Path] <System.String> [<CommonParameters>]
```

DESCRIPTION

This cmdlet verifies that a session configuration file contains valid keys and the values are of the correct type. For enumerated values, the cmdlet verifies that the specified values are valid.

The cmdlet returns ``$True`` if the file passes all tests and ``$False`` if it does not. To find any errors, use the `Verbose` parameter.

``Test-PSSessionConfigurationFile`` verifies the session configuration files, such as those created by the ``New-PSSessionConfigurationFile`` cmdlet. For

information about session configurations, see `about_Session_Configurations` (About/about_Session_Configurations.md). For information about session configuration files, see `about_Session_Configuration_Files` (About/about_Session_Configuration_Files.md).

This cmdlet was introduced in PowerShell 3.0.

PARAMETERS

`-Path <System.String>`

Specifies the path and filename of a session configuration file (.pssc).

If you omit the path, the default is the current folder. Wildcard characters are supported, but they must resolve to a single file. You can also pipe a session configuration file path to ``Test-PSSessionConfigurationFile``.

`<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: Test a session configuration file -----

```
Test-PSSessionConfigurationFile -Path "FullLanguage.pssc"
```

```
True
```

Example 2: Test the session configuration file of a session configuration

```
Test-PSSessionConfigurationFile -Path (Get-PSSessionConfiguration -Name  
Restricted).ConfigFilePath
```

----- Example 3: Test all session configuration files -----

```
function Test-AllConfigFiles
{
    Get-PSSessionConfiguration | ForEach-Object {
        if ($_.ConfigFilePath) {
            $_.ConfigFilePath
            Test-PSSessionConfigurationFile -Verbose -Path $_.ConfigFilePath
        }
    }
}
Test-AllConfigFiles
```

C:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\Empty_6fd77bf6-e084-4372-bd8a-af3e207354d3.pssc

True

C:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\Full_1e9cb265-dae0-4bd3-89a9-8338a47698a1.pssc

VERBOSE: The member 'AliasDefinitions' must contain the required key 'Description'. Add the require key

to the fileC:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\Full_1e9cb265-dae0-4bd3-89a9-8338a47698a1.pssc.

False

C:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\NoLanguage_0c115179-ff2a-4f66-a5eb-e56e5692ba22.pssc

True

C:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\RestrictedLang_b6bd9474-0a6c-4e06-8722-c2c95bb10d3e.pssc

True

C:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\RRS_3fb29420-2c87-46e5-a402-e21436331efc.pssc

True

The ConfigFilePath property of a session configuration contains the path of the session configuration file that is used in the session configuration, if any.

If the value of the ConfigFilePath property is populated (is true), the command gets (prints) the ConfigFilePath property value. Then it uses the `Test-PSSessionConfigurationFile` cmdlet to test the file in the ConfigFilePath value. The Verbose parameter returns the file error when the file fails the test.`

REMARKS

To see the examples, type: "get-help Test-PSSessionConfigurationFile -examples".

For more information, type: "get-help Test-PSSessionConfigurationFile -detailed".

For technical information, type: "get-help Test-PSSessionConfigurationFile -full".

For online help, type: "get-help Test-PSSessionConfigurationFile -online"