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Windows PowerShell Get-Help on Cmdlet 'Test-PSSessionConfigurationFile'

PS:>Get-HELP Test-PSSessionConfigurationFile -Full

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.

`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`.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? true

<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

System.String

You can pipe a session configuration file path to this cmdlet.

OUTPUTS

```
System.Boolean
```

NOTES

----- 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
```

pssc

True

```
C:\WINDOWS\System32\WindowsPowerShell\v1.0\SessionConfig\RestrictedLang_b6bd9474-0a6c-4e06-8722-c2c95bb10d
```

3e.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.

RELATED LINKS

Online

Version:

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

Disable-PSSessionConfiguration

Enable-PSSessionConfiguration

Get-PSSessionConfiguration
New-PSSessionConfigurationFile
New-PSSessionOption
Register-PSSessionConfiguration
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Test-PSSessionConfigurationFile
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WSMan Provider
about_Session_Configurations
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