PowerShell Get-Help on command 'Invoke-OperationValidation'

PS C:\Users\wahid> Get-Help Invoke-OperationValidation

NAME

    Invoke-OperationValidation

SYNOPSIS

    Invokes Operation Validation Framework tests.

SYNTAX

    Invoke-OperationValidation [-IncludePesterOutput] [-ModuleName

    <System.String[]>] [-TestType {Simple | Comprehensive}] [-Confirm] [-WhatIf]

    [<CommonParameters>]

    Invoke-OperationValidation [-IncludePesterOutput] [-testFilePath

    <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

    Invoke-OperationValidation [-IncludePesterOutput] [-TestInfo

    <System.Management.Automation.PSObject[]>] [-Confirm] [-WhatIf]

    [<CommonParameters>]

DESCRIPTION

The `Invoke-OperationValidation` cmdlet invokes Operation Validation Framework tests for a specified module.

PARAMETERS

-IncludePesterOutput <System.Management.Automation.SwitchParameter>

Includes Pester test output. The default is `$False`.

-ModuleName <System.String[]>

Specifies an array of names of modules.

-testFilePath <System.String[]>

Specifies the path of an Operation Validation Framework test file.

-TestInfo <System.Management.Automation.PSObject[]>

Specifies a custom object that specifies the path to the file and the name of the test to run.

-TestType <System.String[]>

Specifies an array of test types. Valid values are:

- `Simple`

- `Comprehensive`

The default is `Simple,Comprehensive`.

-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: Invoke an Operation Validation test --------

Get-OperationValidation -ModuleName "OperationValidation" |

Invoke-OperationValidation -IncludePesterOutput

Describing Simple Test Suite

 [+] first Operational test 20ms

 [+] second Operational test 19ms

 [+] third Operational test 9ms

Tests completed in 48ms

Passed: 3 Failed: 0 Skipped: 0 Pending: 0

Describing Scenario targeted tests

  Context The RemoteAccess service

   [+] The service is running 37ms

  Context The Firewall Rules

   [+] A rule for TCP port 3389 is enabled 1.19s

   [+] A rule for UDP port 3389 is enabled 11ms

Tests completed in 1.24s

Passed: 3 Failed: 0 Skipped: 0 Pending: 0

  Module: OperationValidation

Result Name

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Passed Simple Test Suite::first Operational test

Passed Simple Test Suite::second Operational test

Passed Simple Test Suite::third Operational test

Passed Scenario targeted tests:The RemoteAccess service:The service is running

Passed Scenario targeted tests:The Firewall Rules:A rule for TCP port 3389 is
enabled

Passed Scenario targeted tests:The Firewall Rules:A rule for UDP port 3389 is
enabled

This command gets the module named OperationValidation , and uses the pipeline

operator (`|`) to pass it to the `Invoke-OperationValidation` cmdlet, which

runs the test.

REMARKS

To see the examples, type: "get-help Invoke-OperationValidation -examples".

For more information, type: "get-help Invoke-OperationValidation -detailed".

For technical information, type: "get-help Invoke-OperationValidation -full".

For online help, type: "get-help Invoke-OperationValidation -online"