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### ***Windows PowerShell Get-Help on Cmdlet 'Invoke-OperationValidation'***

**PS:\>Get-HELP Invoke-OperationValidation -Full**

#### **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`'.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ModuleName <System.String[]>

Specifies an array of names of modules.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-testFilePath <System.String[]>

Specifies the path of an Operation Validation Framework test file.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

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

Required? false  
Position? named  
Default value None  
Accept pipeline input? True (ByValue)  
Accept wildcard characters? false

#### -TestType <System.String[]>

Specifies an array of test types. Valid values are:

- `Simple`
- `Comprehensive`

The default is `Simple,Comprehensive`.

Required? false  
Position? named  
Default value None  
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

System.Management.Automation.PSCustomObject

You can pipe the output of `Get-OperationValidation` to this cmdlet.

#### OUTPUTS

System.Management.Automation.PSCustomObject

This cmdlet returns a PSCustomObject object describing whether the validation was successful.

#### NOTES

----- 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

-----  
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.

## RELATED LINKS

Online Version:

[https://learn.microsoft.com/powershell/module/microsoft.powershell.operation.validation/invoke-operationvalidation?view=po  
wershell-5.1&WT.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/microsoft.powershell.operation.validation/invoke-operationvalidation?view=powershell-5.1&WT.mc_id=ps-gethelp)

Get-OperationValidation