



Windows PowerShell Get-Help on Cmdlet 'Invoke-SSHCommand'

PS:\>Get-HELP Invoke-SSHCommand -Full

NAME

Invoke-SSHCommand

SYNOPSIS

Executes a given command on a remote SSH host.

SYNTAX

```
Invoke-SSHCommand [-SessionId] <Int32[]> [-Command] <String> [[-Timeout] <Int32>] [[-ThrottleLimit] <Int32>]
[-EnsureConnection] [-ShowStandardOutputStream]
[-ShowErrorOutputStream] [-StandardOutputStreamColor <String>] [-ErrorOutputStreamColor <String>]
[<CommonParameters>]
```

```
Invoke-SSHCommand [-SSHSession] <SshSession[]> [-Command] <String> [[-Timeout] <Int32>] [[-ThrottleLimit]
<Int32>] [-EnsureConnection] [-ShowStandardOutputStream]
[-ShowErrorOutputStream] [-StandardOutputStreamColor <String>] [-ErrorOutputStreamColor <String>]
[<CommonParameters>]
```

Executes a given command on a remote SSH host given credentials to the host or using an existing SSH Session.

PARAMETERS

-Command <String>

Command to execute in remote host.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SessionId <Int32[]>

SSH Session Id of an exiting session.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnsureConnection [<SwitchParameter>]

Ensures a connection is made by reconnecting before command.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-TimeOut <Int32>

Time out in seconds to wait for the command to return a value.

Required? false
Position? 2
Default value 60
Accept pipeline input? False
Accept wildcard characters? false

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent connections that can be established to run this command.

Required? false
Position? 3
Default value 32
Accept pipeline input? False
Accept wildcard characters? false

-SSHSession <SshSession[]>

SSH Session object.

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

-ShowStandardOutputStream [<SwitchParameter>]

Displays the result of the standard output of the command in live

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

`-ShowErrorOutputStream [<SwitchParameter>]`

Displays the result of the error output of the command in live

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-StandardOutputStreamColor <String>`

Display color of the standard output. Works only with `-ShowStandardOutputStream`

Required? false

Position? named

Default value White

Accept pipeline input? False

Accept wildcard characters? false

`-ErrorOutputStreamColor <String>`

Display color of the error output. Works only with `-ShowErrorOutputStream`

Required? false

Position? named

Default value Red

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

SSH.SshSession[]

OUTPUTS

NOTES

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----- EXAMPLE 1 -----

Invoke-SSHCommand -Command "uname -a" -SessionId 0,2,3

Host : 192.168.1.163

Output : Linux debian6 2.6.32-5-amd64 #1 SMP Sun Sep 23 10:07:46 UTC 2012 x86_64 GNU/Linux

ExitStatus : 0

Host : 192.168.1.155

Output : Linux ole6 2.6.39-300.17.1.el6uek.x86_64 #1 SMP Fri Oct 19 11:29:17 PDT 2012 x86_64 x86_64 x86_64
GNU/Linux

ExitStatus : 0

Host : 192.168.1.234

Output : Linux ubuntu12.04 3.2.0-29-generic #46-Ubuntu SMP Fri Jul 27 17:03:23 UTC 2012 x86_64 x86_64 x86_64
GNU/Linux

ExitStatus : 0

RELATED LINKS

Online Version: <https://github.com/darkoperator/Posh-SSH/tree/master/docs>