



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

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

NAME

Invoke-SSHStreamExpectAction

SYNOPSIS

Executes an action on a SSH ShellStream when output matches a desired string.

SYNTAX

Invoke-SSHStreamExpectAction [-ShellStream] <ShellStream> [-Command] <String> [-ExpectString] <String> [-Action]
<String> [[-Timeout] <Int32>] [<CommonParameters>]

Invoke-SSHStreamExpectAction [-ShellStream] <ShellStream> [-Command] <String> [-ExpectRegex] <Regex> [-Action]
<String> [[-Timeout] <Int32>] [<CommonParameters>]

DESCRIPTION

Executes an action on a SSH ShellStream when output matches a desired string. Function returns true if an action was executed.

PARAMETERS

-ShellStream <ShellStream>

SSH Shell Stream.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Command <String>

Initial command that will generate the output to be evaluated by the expect pattern.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ExpectString <String>

String on what to trigger the action on.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Action <String>

Command to execute once an expression is matched.

Required? true

Position? 3

Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Timeout <Int32>

Number of seconds to wait for a match.

Required? false
Position? 4
Default value 10
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ExpectRegex <Regex>

Regular expression on what to trigger the action on.

Required? true
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
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

Renci.SshNet.ShellStream

System.Int32

System.Text.RegularExpressions.Regex

OUTPUTS

System.Boolean

NOTES

----- Example 1 -----

```
PS C:\> Invoke-SSHStreamExpectAction -ShellStream $ShellStream -Command "config" -ExpectRegex '[$%#>] $'
-ACTION 'set interface eth0 address 10.10.10.240\24' -Verbose
```

Run second command if the regex for a prompt matches.

RELATED LINKS

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