



### ***Windows PowerShell Get-Help on Cmdlet 'New-SSHShellStream'***

***PS:\>Get-HELP New-SSHShellStream -Full***

#### **NAME**

New-SSHShellStream

#### **SYNOPSIS**

Creates a SSH shell stream for a given SSH Session.

#### **SYNTAX**

New-SSHShellStream [-SessionId] <Int32> [-TerminalName <String>] [-Columns <Int32>] [-Rows <Int32>] [-Width <Int32>] [-Height <Int32>] [-BufferSize <Int32>]

[<CommonParameters>]

New-SSHShellStream [-SSHSession] <SshSession> [-TerminalName <String>] [-Columns <Int32>] [-Rows <Int32>] [-Width <Int32>] [-Height <Int32>] [-BufferSize <Int32>]

[<CommonParameters>]

#### **DESCRIPTION**

Creates a SSH shell stream for a given SSH Session.

## PARAMETERS

### -SessionId <Int32>

SSH Session Id for an existing session.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

### -TerminalName <String>

Name of the terminal.

Required? false

Position? named

Default value dumb

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

### -Columns <Int32>

The columns

Required? false

Position? named

Default value 80

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

### -Rows <Int32>

The rows.

Required? false

Position?                named  
Default value            24  
Accept pipeline input?    True (ByPropertyName)  
Accept wildcard characters? false

-Width <Int32>

The width.

Required?                false  
Position?                named  
Default value            800  
Accept pipeline input?    True (ByPropertyName)  
Accept wildcard characters? false

-Height <Int32>

The height.

Required?                false  
Position?                named  
Default value            600  
Accept pipeline input?    True (ByPropertyName)  
Accept wildcard characters? false

-BufferSize <Int32>

Size of the buffer.

Required?                false  
Position?                named  
Default value            1000  
Accept pipeline input?    True (ByPropertyName)  
Accept wildcard characters? false

-SSHSession <SshSession>

SSH Session Object for an existing session.

|                             |                |
|-----------------------------|----------------|
| Required?                   | true           |
| Position?                   | 0              |
| Default value               | None           |
| Accept pipeline input?      | True (ByValue) |
| 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.Int32

System.String

SSH.SshSession

#### OUTPUTS

Renci.SshNet.ShellStream

#### NOTES

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

```
$SSHStream = New-SSHShellStream -Index 0
```

```
PS C:\> $SSHStream.WriteLine("uname -a")
```

```
PS C:\> $SSHStream.read()
```

```
Last login: Sat Mar 14 20:02:16 2015 from infidel01.darkoperator.com
```

```
[admin@localhost ~]$ uname -a
```

```
Linux localhost.localdomain 3.10.0-123.el7.x86_64 #1 SMP Mon Jun 30 12:09:22 UTC 2014 x86_64 x86_64 x86_64
```

```
GNU/Linux
```

```
[admin@localhost ~]$
```

## RELATED LINKS

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