Windows PowerShell Get-Help on Cmdlet 'New-SFTPSession'

PS:\>Get-HELP New-SFTPSession -Full

NAME

New-SFTPSession

SYNOPSIS

Creates an SSH Session against a SSH Server

SYNTAX

New-SFTPSession [-ComputerName] <String[]> [-Credential] <PSCredential> [-Port <Int32>] [-ProxyServer <String>] [-ProxyPort <Int32>] [-ProxyCredential <PSCredential>]

[-ProxyType <String>] [-ConnectionTimeout <Int32>] [-OperationTimeout <Int32>] [-KeepAliveInterval <Int32>] [-AcceptKey] [-Force] [-ErrorOnUntrusted] [-KeyFile

<String>] [-KnownHost <IStore>] [<CommonParameters>]

New-SFTPSession [-ComputerName] <String[]> [-Credential] <PSCredential> [-Port <Int32>] [-ProxyServer <String>] [-ProxyPort <Int32>] [-ProxyCredential <PSCredential>]

[-ProxyType <String>] [-ConnectionTimeout <Int32>] [-OperationTimeout <Int32>] [-KeepAliveInterval <Int32>] [-AcceptKey] [-Force] [-ErrorOnUntrusted] [-KeyString

<String[]>] [-KnownHost <IStore>] [<CommonParameters>]

DESCRIPTION

Creates an SFTP Session against a remote server. The command supports creating connection thru a Proxy and allows for authentication to the server using username and

password. If a key file is specified the command will use the password in the credentials parameter as the paraphrase of the key.

PARAMETERS

-ComputerName <String[]>

FQDN or IP Address of host to establish a SFTP Session.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Credential <PSCredential>

SSH Credentials to use for connecting to a server. If a key file is used the password field is used for the Key passphrase.

Required?   true

Position?   1

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Port <Int32>

SSH TCP Port number to use for the SFTP connection.

Required?   false

Position?   named

Default value   22

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ProxyServer <String>

Proxy server name or IP Address to use for connection.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ProxyPort <Int32>

Port to connect to on proxy server to route connection.

Required?   false

Position?   named

Default value   8080

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ProxyCredential <PSCredential>

PowerShell Credential Object with the credentials for use to connect to proxy server if required.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ProxyType <String>

Type of Proxy being used (HTTP, Socks4 or Socks5).

Required?   false

Position?   named

Default value   HTTP

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ConnectionTimeout <Int32>

   Connection timeout interval in seconds.

   Required?   false

   Position?   named

   Default value   10

   Accept pipeline input?   True (ByPropertyName)

   Accept wildcard characters? false

-OperationTimeout <Int32>

   Operation timeout interval in seconds. Zero or below disables timeout

   Required?   false

   Position?   named

   Default value   0

   Accept pipeline input?   True (ByPropertyName)

   Accept wildcard characters? false

-KeepAliveInterval <Int32>

   Keep Alive interval in seconds for a connection.

   Required?   false

   Position?   named

   Default value   10

   Accept pipeline input?   True (ByPropertyName)

   Accept wildcard characters? false

-AcceptKey [<SwitchParameter>]

Automatically accepts a new SSH fingerprint for a host

Required?   false

Position?   named

Default value   False

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Force [<SwitchParameter>]

Do not perform any host key validation of the host.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ErrorOnUntrusted [<SwitchParameter>]

Throw a terminating error if the host key is not a trusted one.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-KeyFile <String>

OpenSSH format SSH private key file.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-KeyString <String[]>

OpenSSH key in a string array to be used for authentication.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-KnownHost <IStore>

Known Host IStore either from New-SSHMemoryKnownHost, Get-SSHJsonKnownHost or Get-SSHOpenSSHKnownHost.

Required?   false

Position?   named

Default value   None

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.String[]

System.Management.Automation.PSCredential

System.Int32

System.String

System.Boolean

OUTPUTS

NOTES

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

PS C:\> New-SFTPSession -ComputerName 192.168.1.155 -Credential (Get-Credential) -Verbose

Create a new SFTP Session to a remote hosts using credentials.

RELATED LINKS

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