Windows PowerShell Get-Help on Cmdlet 'Get-SCPItem'

PS:\>Get-HELP Get-SCPItem -Full

NAME

   Get-SCPItem

SYNOPSIS

   Download from a remote server via SCP a file or directory.

SYNTAX

   Get-SCPItem [-ComputerName] <String[]> [-Credential] <PSCredential> [-AcceptKey] [-ConnectionTimeout <Int32>] -Destination <String> [-ErrorOnUntrusted] [-Force]

  [-KeyFile <String>] [-NewName <String>] [-OperationTimeout <Int32>] -Path <String> -PathType {File | Directory} [-Port <Int32>] [-ProxyCredential <PSCredential>]

   [-ProxyPort <Int32>] [-ProxyServer <String>] [-ProxyType {HTTP | Socks4 | Socks5}] [-KeepAliveInterval <Int32>] [-KnownHost <IStore>] [-PathTransformation <String>]

  [<CommonParameters>]

   Get-SCPItem [-ComputerName] <String[]> [-Credential] <PSCredential> [-AcceptKey] [-ConnectionTimeout <Int32>] -Destination <String> [-ErrorOnUntrusted] [-Force]

  [-KeyString <String[]>] [-NewName <String>] [-OperationTimeout <Int32>] -Path <String> -PathType {File | Directory} [-Port <Int32>] [-ProxyCredential <PSCredential>]

[-ProxyPort <Int32>] [-ProxyServer <String>] [-ProxyType {HTTP | Socks4 | Socks5}] [-KeepAliveInterval <Int32>]

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

[<CommonParameters>]

DESCRIPTION

Download from a remote server via SCP a file or directory.

PARAMETERS

-AcceptKey [<SwitchParameter>]

Auto add host key fingerprint to the list of trusted host/gingerprint pairs.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ComputerName <String[]>

FQDN or IP Address of host to establish a SSH connection.

Required?   true

Position?   0

Default value   None

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

-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 pass phrase.

Required?   true

Position?   1

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Destination <String>

    Path to the location where to download the item to.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ErrorOnUntrusted [<SwitchParameter>]

    Raise an exception if the fingerprint is not trusted for the host.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Force [<SwitchParameter>]

Do not check the remote host fingerprint.

    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[]>

    String array of the content of a OpenSSH key file.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByPropertyName)

    Accept wildcard characters? false

-NewName <String>

    New name for the item on the destination path.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-OperationTimeout <Int32>

Timeout for execution of an operation. Zero or below disables timeout

Required?   false

Position?   named

Default value   0

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Path <String>

Path to item on the remote host to download.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-PathType <String>

What type of Item you are getting from the remote host via SCP.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Port <Int32>

SSH TCP Port number to use for the SSH connection.

Required?   false

Position?   named

Default value   22

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

-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

-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

-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

-KeepAliveInterval <Int32>

Sets a timeout interval in seconds after which if no data has been received from the server, session will send a message through the encrypted channel to request

a response from the server

Required?   false

Position?   named

Default value   10

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

-PathTransformation <String>

Remote Path transormation to use.

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
System.Management.Automation.SwitchParameter

OUTPUTS

System.Object

NOTES

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

PS C:\> Get-SCPItem -ComputerName 192.168.1.169 -Credential carlos -Path "/var/log/dmesg" -PathType File
-Destination ./

Download in to the local path the dmesg file.   *Page 8/9*

-------------------------- Example 2 --------------------------

PS C:\> Get-SCPItem -ComputerName 192.168.1.169 -Credential carlos -Path "/var/log/dmesg" -PathType File -Destination ./ -NewName dmesg_server_169

Download in to the local path the dmesg file and give it a different name.

RELATED LINKS

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