
## *Windows PowerShell Get-Help on Cmdlet 'Set-PcsvDeviceUserPassword'*

***PS:\>Get-HELP Set-PcsvDeviceUserPassword -Full***

NAME

Set-PcsvDeviceUserPassword

SYNOPSIS

Changes the password of a user on a PCSV device.

SYNTAX

Set-PcsvDeviceUserPassword [-TargetAddress] <String> [-Credential] <PSCredential> [-ManagementProtocol] {WSMan | IPMI} [-CurrentCredential] <PSCredential>

[-NewPassword] <SecureString> [[-Port] <UInt16>] [-AsJob] [-Authentication {Default | Basic | Digest}] [-CimSession <CimSession[]>] [-Confirm] [-PassThru]

[-SkipCACheck] [-SkipCNCheck] [-SkipRevocationCheck] [-ThrottleLimit <Int32>] [-TimeoutSec <UInt32>] [-UseSSL] [-WhatIf] [<CommonParameters>]

Set-PcsvDeviceUserPassword [-CurrentCredential] <PSCredential> [-NewPassword] <SecureString> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject

<CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Set-PcsvDeviceUserPassword [-CurrentCredential] <PSCredential> [-NewPassword] <SecureString> [-AsJob]

[-CimSession <CimSession[]>] [-Confirm] [-PassThru]

[-ThrottleLimit <Int32>] [-TimeoutSec <UInt32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-PcsvDeviceUserPassword cmdlet changes the password of an existing user on a Physical Computer System View (PCSV) device. To change a password, provide the

correct user name and password for the credential. The password length cannot exceed 20 characters. This cmdlet currently supports devices that use the Intelligent

Platform Management Interface (IPMI) protocol. You can use this cmdlet for in-band connections only. To use this cmdlet with an in-band connection, you must have

elevated privileges.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Authentication <Authentication>

Specifies an authentication method to use for devices managed by WS-Management. Do not specify this parameter for devices managed by using IPMI. The acceptable

values for this parameter are:

- Basic

- Digest

- Default

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a New-CimSession (https://go.microsoft.com/fwlink/p/?LinkId=227967) or [Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet. The default is the current session on the local computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Credential <PSCredential>

Specifies a PSCredential object based on a user name and password. To obtain a PSCredential object, use the Get-Credential cmdlet. For more information, type

`Get-Help Get-Credential`. For IPMI devices, specify credentials that correspond to a user with Administrator privileges on the device.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-CurrentCredential <PSCredential>

Specifies a PSCredential object based on the current user name and password.

Required? true

Position? 3001

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ManagementProtocol <ManagementProtocol>

Specifies a management protocol used to communicate with a device. The acceptable values for this parameter are:

- WSMAN

- IPMI

This cmdlet currently supports only devices that use the IPMI protocol.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NewPassword <SecureString>

Specifies the new password, as a secure string, for the user that the CurrentCredential parameter specifies. To obtain a secure string, use the

ConvertTo-SecureString cmdlet. For more information, type `Get-Help ConvertTo-SecureString`.

Required? true

Position? 3002

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Passthru

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Port <UInt16>

Specifies a port on the remote computer to use for the management connection. If you do not specify a port, the cmdlet

uses the following default ports:

- IPMI and WSMAN over HTTP. Port 623. - WSMAN over HTTPS. Port 664.

Required? false

Position? 4

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SkipCACheck [<SwitchParameter>]

Indicates that the client connects by using HTTPS without validating that a trusted certification authority (CA) signed the server certificate. Do not specify

this parameter if you specify a value of IPMI for the ManagementProtocol parameter.

Do not specify this parameter unless you can establish trust in another way, such as if the remote computer is part of a network that is physically secure and

isolated, or if the remote computer is a trusted host in a Windows Remote Management (WinRM) configuration.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SkipCNCheck [<SwitchParameter>]

Indicates that the certificate common name (CN) of the server does not need to match the host name of the server. Do not specify this parameter if you specify a

value of IPMI for the ManagementProtocol parameter.

Specify this parameter only for managing devices by using WSMAN over HTTPS. Be sure to specify this parameter only for trusted computers.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SkipRevocationCheck [<SwitchParameter>]

Indicates that the cmdlet skips the revocation check of server certificates.

Be sure to specify this parameter only for trusted computers.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TargetAddress <String>

Specifies the name or IP address of the remote hardware device.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then

Windows PowerShellr calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit

applies only to the current cmdlet, not to the session or to the computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TimeoutSec <UInt32>

Specifies how long to wait, in seconds, for a response from the remote hardware device. After this period, the cmdlet abandons the connection attempt.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-UseSSL [<SwitchParameter>]

Indicates that the server connects to the target computer by using SSL. WSMAN encrypts all content transmitted over the network. Specify this parameter to use the

additional protection of HTTPS instead of HTTP. If you specify this parameter and SSL is not available on the connection port, the command fails.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

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

Microsoft.PowerShell.Cmdletization.GeneratedTypes.PcsvDevice.ManagementProtocol

System.UInt16

Microsoft.PowerShell.Cmdletization.GeneratedTypes.PcsvDevice.Authentication

System.Management.Automation.SwitchParameter

System.UInt32

Microsoft.Management.Infrastructure.CimInstance[]

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

Microsoft.Management.Infrastructure.CimInstance#root/Microsoft/Windows/HardwareManagement/MSFT_PCSVDevice

This cmdlet returns a PCSV device object, if you specify the PassThru parameter.

NOTES

---------- Example 1: Change a password ----------

PS C:\>$CurrentCredential = New-Object -TypeName "System.Management.Automation.PSCredential" -ArgumentList "DavidChew", (ConvertTo-SecureString -String

"CurrentPassword" -AsPlainText -Force)

PS C:\> $NewPassword = ConvertTo-SecureString -String "NewPassword" -AsPlainText -Force

PS C:\> Set-PcsvDeviceUserPassword -CurrentCredential $CurrentCredential -NewPassword $NewPassword

The first command uses the New-Object cmdlet to create an instance of the credential for the user account DavidChew. The command stores that instance in the

$CurrentCredential variable. The command uses the ConvertTo-SecureString cmdlet to convert the current password to a secure string. For more information, type

`Get-Help New-Object` and `Get-Help ConvertTo-SecureString`.

The second command converts a new password to a secure string, and then stores that password in the $NewPassword variable.

The third command changes the password for the user DavidChew. It specifies the current credential stored in $CurrentCredential and the new password for the user as a

secure string.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/pcsvdevice/set-pcsvdeviceuserpassword?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-PcsvDevice