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PowerShell

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PowerShell Get-Help on command 'Set-PcsvDeviceUserPassword'

PS C:\Users\wahid> Get-Help Set-PcsvDeviceUserPassword

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.

-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

-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.

`-Confirm [<SwitchParameter>]`

Prompts you for confirmation before running the cmdlet.

`-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.

`-CurrentCredential <PSCredential>`

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

`-InputObject < CimInstance[] >`

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

`-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.

-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`.

-PassThru [<SwitchParameter>]

Passthru

-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.

-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.

-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.

-SkipRevocationCheck [<SwitchParameter>]

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

Be sure to specify this parameter only for trusted computers.

-TargetAddress <String>

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

-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 PowerShell 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.

-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.

-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.

-WhatIf [<SwitchParameter>]

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

<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>).

----- 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.

REMARKS

To see the examples, type: "get-help Set-PcsvDeviceUserPassword -examples".
For more information, type: "get-help Set-PcsvDeviceUserPassword -detailed".

For technical information, type: "get-help Set-PcsvDeviceUserPassword -full".

For online help, type: "get-help Set-PcsvDeviceUserPassword -online"