Windows PowerShell Get-Help on Cmdlet 'Enable-PnpDevice'

PS:\>Get-HELP Enable-PnpDevice -Full

NAME

Enable-PnpDevice

SYNOPSIS

Enables a PnP device.

SYNTAX

Enable-PnpDevice [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Enable-PnpDevice [-InstanceId] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Enable-PnpDevice cmdlet enables a Plug and Play (PnP) device. You must use an Administrator account to enable a device.

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

-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

-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

-InstanceId <String[]>

Specifies an array of unique instance ID of devices.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Indicates that this cmdlet returns a WMI error code. By default, this cmdlet does not return a value.

Required? false

Position? named

Default value False

Accept pipeline input? False

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

-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

Microsoft.Management.Infrastructure.CimInstance#ROOT/Cimv2/Win32_PnPEntity[]

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

OUTPUTS

Int32

This cmdlet generates a WMI error code.

NOTES

* You must use an Administrator account for this cmdlet.

---------- Example 1: Enable a device ----------

PS C:\>Enable-PnpDevice -InstanceId 'USB\VID_5986&;PID_0266&;MI_00\7&;1E5D3568&;0&;0000'

This command enables the device that has the specified instance ID.

---------- Example 2: Enable all disabled devices ----------

PS C:\>Get-PnpDevice | Where-Object {$_.Problem -eq 22} | Enable-PnpDevice

This command gets all the PnP devices by using the Get-PnpDevice cmdlet, and then passes them to the Where-Object cmdlet by using the pipeline operator. For more information, type `Get-Help Where-Object`. That cmdlet drops the devices that do not have a Problem value of 22. That problem code means that the device is disabled.

The current cmdlet enables those disabled devices.

RELATED LINKS

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

Disable-PnpDevice

Get-PnpDevice