



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

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

NAME

Get-NetUDPEndpoint

SYNOPSIS

Gets current UDP endpoint statistics.

SYNTAX

```
Get-NetUDPEndpoint [[-LocalAddress] <String[]>] [[-LocalPort] <UInt16[]>] [-AsJob] [-CimSession <CimSession[]>]
[-CreationTime <DateTime[]>] [-OwningProcess
<UInt32[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-NetUDPEndpoint cmdlet gets current statistics for a UDP endpoint. The cmdlet returns UDP end point properties, such as local and remote UDP ports. If you do

not specify any parameters, the cmdlet gets statistics for all UDP end points.

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

-CreationTime <DateTime[]>

Specifies an array of DateTime objects. To get a DateTime object, use the Get-Date cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LocalAddress <String[]>

Specifies an array of local IP addresses. The cmdlet gets the UDP endpoint statistics that have these values.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-LocalPort <UInt16[]>

Specifies an array of local ports. The cmdlet gets the UDP endpoint statistics that have these values.

Required? false
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-OwningProcess <UInt32[]>

Specifies the PID of the owning process of a bound UDP socket.

Required? false
Position? named
Default value None
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 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.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\MSFT_NetUDPEndpoint

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.

NOTES

----- Example 1: Get statistics for all UDP endpoints -----

PS C:\>Get-NetUDPEndpoint

This example gets current statistics for all UDP endpoints.

----- Example 2: Get statistics for UDP traffic -----

```
PS C:\>Get-NetUDPEndpoint -LocalAddress 127.0.0.1
```

This command gets statistics for recent UDP traffic that was sent and received on the IPv4 loopback address.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/nettcpip/get-netudpendpoint?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-NetUDPSetting

Get-NetUDPEndpoint