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

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

NAME

   Get-NetAdapterStatistics

SYNOPSIS

   Gets statistics from a network adapter.

SYNTAX

   Get-NetAdapterStatistics [-AsJob] [-CimSession <CimSession[]>] [-IncludeHidden] -InterfaceDescription <String[]>
[-ThrottleLimit <Int32>] [<CommonParameters>]

   Get-NetAdapterStatistics [[-Name] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-IncludeHidden] [-ThrottleLimit
<Int32>] [<CommonParameters>]

DESCRIPTION

   The Get-NetAdapterStatistics cmdlet gets networking statistics from a network adapter. The statistics include broadcast,
multicast, discards, and errors.

PARAMETERS

  -AsJob [<SwitchParameter>]

      Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.   The cmdlet immediately returns an object that

      represents the job and then displays the command prompt. You can continue to work in the session while the job completes. To manage the job, use the `*-Job`

      cmdlets. To get the job results, use the Receive-Job (https://go.microsoft.com/fwlink/?LinkID=113372)cmdlet.   For more information about Windows PowerShellr

      background jobs, see about_Jobs (https://go.microsoft.com/fwlink/?LinkID=113251).

      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

  -IncludeHidden [<SwitchParameter>]

      Indicates that the cmdlet includes both visible and hidden network adapters in the operation. By default only visible network adapters are included. If a wildcard

      character is used in identifying a network adapter and this parameter has been specified, then the wildcard string is

matched against both hidden and visible

    network adapters.

    Required?   false

    Position?   named

    Default value   False

    Accept pipeline input?   False

    Accept wildcard characters? false

-InterfaceDescription <String[]>

    Specifies an array of network adapter interface descriptions. For a physical network adapter this is typically the name of the vendor of the network adapter

    followed by a part number and description, such as `Contoso 12345 Gigabit Network Device`.

    Required?   true

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByPropertyName)

    Accept wildcard characters? false

-Name <String[]>

    Specifies an array of network adapter names.

    Required?   false

    Position?   0

    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

  <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

  None

OUTPUTS

  Microsoft.Management.Infrastructure.CimInstance#ROOT/StandardCimv2/MSFT_NetAdapterStatisticsSettingData

    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: Display statistics for the specified network adapter

PS C:\> Get-NetAdapterStatistics -Name "MyAdapter"

This command displays statistics for the network adapter named MyAdapter.

Example 2: Display all statistics for the specified network adapter

PS C:\> Get-NetAdapterStatistics -Name "MyAdapter" | Format-List -Property "*"

This command displays all statistics for the network adapter named MyAdapter.

RELATED LINKS

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