## PowerShell Get-Help on command 'Get-NetPrefixPolicy'

*PS C:\Users\wahid> Get-Help Get-NetPrefixPolicy*

NAME

Get-NetPrefixPolicy

SYNOPSIS

Gets the prefix policy.

SYNTAX

Get-NetPrefixPolicy [[-Prefix] <String[]>] [-AsJob] [-CimSession

<CimSession[]>] [-Label <UInt32[]>] [-Precedence <UInt32[]>] [-ThrottleLimit

<Int32>] [<CommonParameters>]

DESCRIPTION

The Get-NetPrefixPolicy cmdlet gets the prefix policy. A computer uses a

prefix policy to select source and destination addresses. A prefix policy

establishes selection criteria based on the precedence of destination

addresses and on labels that are attached to source addresses. For more

information, see RFC 3484 (http://www.ietf.org/rfc/rfc3484.txt).

PARAMETERS

  -AsJob [<SwitchParameter>]

    Runs the cmdlet as a background job. Use this parameter to run commands

    that take a long time to complete.


  -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.


  -Label <UInt32[]>

    Specifies an array of labels for a prefix policy. A label value identifies

    a preference for a particular source address prefix in conjunction with a

    destination address prefix.


  -Precedence <UInt32[]>

    Specifies an array of precedence values. A precedence value identifies a

    value that is used to sort destination addresses.


  -Prefix <String[]>

    Specifies an array of prefixes. A prefix identifies the IP address prefix

    that is used to select source and destination addresses.


  -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.

<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: Get a prefix policy ----------------


PS C:\>Get-NetPrefixPolicy


This command gets the prefix policy on the computer on which you run the

command.

--------- Example 2: Get a prefix policy by precedence ---------


PS C:\>Get-NetPrefixPolicy -Precedence 1


This command gets the prefix policy that has a precedence of 1.

REMARKS

   To see the examples, type: "get-help Get-NetPrefixPolicy -examples".

   For more information, type: "get-help Get-NetPrefixPolicy -detailed".

   For technical information, type: "get-help Get-NetPrefixPolicy -full".

   For online help, type: "get-help Get-NetPrefixPolicy -online"