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

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

NAME

Get-NetNatTransitionMonitoring

SYNOPSIS

Retrieves the NAT64 mappings on a computer.

SYNTAX

Get-NetNatTransitionMonitoring [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [-TransportProtocol <UInt32[]>] [<CommonParameters>]

DESCRIPTION

The Get-NetNatTransitionMonitoring cmdlet retrieves operational statistics for the NAT64 for TCP, UDP, and ICMP. This cmdlet provides information on the client IP

address and the translated target addresses that are being reached from that client.

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

-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

-TransportProtocol <UInt32[]>

Specify one or more protocols for which to retrieve monitoring information. The acceptable values for this parameter are:

- IANA protocol numbers that represent the following protocols; 6 for TCP, 17 for UDP, or 58 for IPv6-ICMP.

If this parameter is not specified, then monitoring is retrieved for all of the protocols.

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_NetNatTransitionMonitoring

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.

The MSFT_NetNatTransitionMonitoring object contains NAT64 monitoring information.

NOTES

--------- Example 1: Get NAT64 monitoring information ---------

PS C:\>Get-NetNatTransitionMonitoring

This command retrieves the NAT64 monitoring information.

RELATED LINKS

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

Disable-NetNatTransitionConfiguration

Enable-NetNatTransitionConfiguration

Get-NetNatTransitionConfiguration

New-NetNatTransitionConfiguration

Remove-NetNatTransitionConfiguration

Set-NetNatTransitionConfiguration