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

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

NAME

Get-NetNatTransitionConfiguration

SYNOPSIS

Retrieves the NAT64 configuration of a computer.

SYNTAX

Get-NetNatTransitionConfiguration [-Adapter <CimInstance>] [-AsJob] [-CimSession <CimSession[]>] [-InstanceName <String[]>] [-PolicyStore {PersistentStore |

ActiveStore}] [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

The Get-NetNatTransitionConfiguration cmdlet retrieves the NAT64 configuration of a computer. NAT64 is described in RFC 6146 (http://tools.ietf.org/html/rfc6147).

NAT64 allows IPv6-only clients to contact IPv4 servers using unicast UDP, TCP, or ICMP.

PARAMETERS

-Adapter <CimInstance>

Specifies the network adapter from which to retrieve the configuration information.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-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

-InstanceName <String[]>

Specifies the instance of the NAT64 for which the configuration is being retrieved. If this parameter is not specified,

then the configuration for all of the

instances of NAT64 are retrieved.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PolicyStore <PolicyStore[]>

Specifies from which policy store the NAT64 configuration is retrieved. The acceptable values for this parameter are: Persistent and Active. If this parameter is

not specified, then the cmdlet operates on both active and persistent stores.

Required? false

Position? named

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_NetNatTransitionConfiguration

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_NetNatTransitionConfiguration object contains NAT64 configuration information.

NOTES

---------- Example 1: Get the NAT64 configuration ----------

PS C:\>Get-NetNatTransitionConfiguration

This command retrieves the NAT64 configuration of a computer.

RELATED LINKS

Online Version:

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

Disable-NetNatTransitionConfiguration

Enable-NetNatTransitionConfiguration

Get-NetNatTransitionMonitoring

New-NetNatTransitionConfiguration

Remove-NetNatTransitionConfiguration

Set-NetNatTransitionConfiguration