



python



PowerShell

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PowerShell Get-Help on command 'Set-NetDnsTransitionConfiguration'

PS C:\Users\wahid> Get-Help Set-NetDnsTransitionConfiguration

NAME

Set-NetDnsTransitionConfiguration

SYNOPSIS

Sets the DNS64 configuration on a computer.

SYNTAX

```
Set-NetDnsTransitionConfiguration [-AcceptInterface <String[]>] [-Adapter  
<CimInstance>] [-AlwaysSynthesize <Boolean>] [-AsJob] [-CimSession  
<CimSession[]>] [-Confirm] [-ExclusionList <String[]>] [-LatencyMilliseconds  
<UInt32>] [-OnlySendAQuery <Boolean>] [-PassThru] [-PrefixMapping <String[]>]  
[-SendInterface <String[]>] [-State {Disabled | Enabled}] [-ThrottleLimit  
<Int32>] [-WhatIf] [<CommonParameters>]
```

```
Set-NetDnsTransitionConfiguration [-AcceptInterface <String[]>]  
[-AlwaysSynthesize <Boolean>] [-AsJob] [-CimSession <CimSession[]>] [-Confirm]  
[-ExclusionList <String[]>] -InputObject <CimInstance[]> [-LatencyMilliseconds  
<UInt32>] [-OnlySendAQuery <Boolean>] [-PassThru] [-PrefixMapping <String[]>]  
[-SendInterface <String[]>] [-State {Disabled | Enabled}] [-ThrottleLimit  
<Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-NetDnsTransitionConfiguration sets the DNS64 configuration on a computer.

PARAMETERS

-AcceptInterface <String[]>

Specifies the interface on which the DNS64 is listening to all of the interfaces classified in the domain profile.

-Adapter <CimInstance>

Specifies the network adapter on which to set.

-AlwaysSynthesize <Boolean>

Specifies that the DNS64 will always send both the response to the AAAA query as well as the synthesized A query response. If this parameter is set to \$False, then the DNS64 will send neither the response to the AAAA query nor the synthesized A query response.

-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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-ExclusionList <String[]>

Sets the list of IPv6 address ranges to be excluded from synthesis by the DNS64. The format is a comma-separated list of IPv6 addresses ranges.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-LatencyMilliseconds <UInt32>

Sets the delay in milliseconds between the AAAA and A query that the DNS64 sends.

-OnlySendAQuery <Boolean>

Specifies that only A queries should be sent or both A and AAAA queries should be sent. If this parameter is set to \$True, then only A queries should be sent. If this parameter is set to \$False, then both A and AAAA queries should be sent.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

-PrefixMapping <String[]>

Sets to the list of IPv6 address ranges to be used for synthesis by the DNS64. The format is a comma-separated list of <IPv6 prefix,IPv4 subnet>. Such as `"69:FF9B::/96,0.0.0.0/0","66:FF9B::/96,192.2.0.0/8".`

-SendInterface <String[]>

Sets the interface on which the DNS64 sends DNS queries.

-State <State>

Sets the enabled state of the DNS64 configuration. The acceptable values

for this parameter are:

- Disabled

- Enabled

-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.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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: Set the DNS64 configuration -----

```
PS C:\>Set-NetDnsTransitionConfiguration -State Enabled -LatencyMilliseconds 400
```

This command sets the state to Enabled and latency to 400 ms for the DNS64 configuration.

REMARKS

To see the examples, type: "get-help Set-NetDnsTransitionConfiguration -examples".

For more information, type: "get-help Set-NetDnsTransitionConfiguration
-detailed".

For technical information, type: "get-help Set-NetDnsTransitionConfiguration
-full".

For online help, type: "get-help Set-NetDnsTransitionConfiguration -online"