Windows PowerShell Get-Help on Cmdlet 'Set-DAEntryPointTableItem'

PS:\>Get-HELP Set-DAEntryPointTableItem -Full

NAME

   Set-DAEntryPointTableItem

SYNOPSIS

   Modifies the configuration of a DirectAccess entry point stored in a Group Policy object.

SYNTAX

   Set-DAEntryPointTableItem [-ADSite <String>] [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-EntryPointIPAddress <String>] [-EntryPointName <String[]>]

      [-EntryPointRange <String[]>] [-GslbIP <String>] [-IPHttpsProfile <String>] [-PassThru] -PolicyStore <String> [-TeredoServerIP <String>] [-ThrottleLimit <Int32>]

   [-WhatIf] [<CommonParameters>]

   Set-DAEntryPointTableItem [-ADSite <String>] [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-EntryPointIPAddress <String>] [-EntryPointName <String[]>]

      [-EntryPointRange <String[]>] -GPOSession <String> [-GslbIP <String>] [-IPHttpsProfile <String>] [-PassThru] [-TeredoServerIP <String>] [-ThrottleLimit <Int32>]

   [-WhatIf] [<CommonParameters>]

Set-DAEntryPointTableItem [-ADSite <String>] [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-EntryPointIPAddress <String>] [-EntryPointRange <String[]>] [-GslbIP

   <String>] [-IPHttpsProfile <String>] -InputObject <CimInstance[]> [-PassThru] [-TeredoServerIP <String>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

   The Set-DAEntryPointTableItem cmdlet modifies an entry point configuration that is stored in a Group Policy object (GPO). You must specify the name of the GPO in

  which the DirectAccess entry point configuration is stored.

PARAMETERS

  -ADSite <String>

    Specifies the Active Directory Domain Services (AD DS) site name associated with the entry point. When a client computer connects to an entry point, the computer

   becomes associated with the AD DS site specified.

   Required?   false

   Position?   named

   Default value   None

   Accept pipeline input?   False

   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.

    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   PowerShell   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

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-EntryPointIPAddress <String>

Specifies the IPv6 address of the entry point to use for connectivity. The cmdlet fails if the IP address specified is not within the IP address range specified

by EntryPointRange .

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

 -EntryPointName <String[]>

 Specifies the name of the entry point to modify. The entry point name is usually the friendly name of the location, such as Redmond or Paris.

Specify the name of the entry point by using double quotes (" ").

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

 -EntryPointRange <String[]>

 Specifies the IPv6 address range associated with computers connecting through this entry point. Specify the IPv6 range in classless inter-domain routing (CIDR)

 notation.

The following is an example of an EntryPointRange entry:

`{2001:4898:e0:305d::100:1/128, 2001:4898:e0:305d::100:2/128, 2001:4898:e0:3084::/64}`

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-GPOSession <String>

Specifies the Group Policy session to send configuration information. You can use GPOSession with the NetGPO cmdlets to aggregate multiple operations performed on

a Group Policy Object. GPOSession cannot be used in conjunction with PolicyStore .

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-GslbIP <String>

Specifies the IP address associated with the new entry point, if using DirectAccess in conjunction with global server load balancing (GSLB) site balancing.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-IPHttpsProfile <String>

Specifies the IPHTTPs profile name to be used for connectivity. You specify the name of the profile in double quotes (" "). New-DAEntryPointTableItem fails if the

profile does not already exist in the GPO that contains the configuration. For more information about IPHTTPs profiles, see the NetIPHTTPsConfiguration cmdlets in

the NetworkTransition module.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-InputObject <CimInstance[]>

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Sends items from an interactive window down the pipeline as input to other cmdlets. By default, this cmdlet does not generate any output. However, to send items

from the interactive window down the pipeline, click to select the items and then click OK. Shift-click and Ctrl-click are supported.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-PolicyStore <String>

Specifies the policy store into which the cmdlet adds the entry point.

To add the entry point to a Group Policy Object, specify the GPO name using the format: "Domain\GPOName".

To add the entry point information to a computer's local GPO, specify the computer's local GPO name in the format "GPO:<computername>". PolicyStore cannot be used

in conjunction with GPOSession .

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-TeredoServerIP <String>

Specifies the IP address of the Teredo server for the new entry point.

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

-WhatIf [<SwitchParameter>]

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

Required?   false

Position?   named

Default value   False

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

Microsoft.Management.Infrastructure.CimInstance#root/StandardCimv2/MSFT_DASiteTableEntry

This cmdlet returns a CIM object which contains the DA entry point table item.

OUTPUTS

None

NOTES

--------------- Example 1: Modify an entry point ---------------

PS C:\> Set-DAEntryTableItem -EntryPointName "Paris" -GslbIP "131.107.0.1" -PolicyStore "Contoso\GPO1"

This cmdlet modifies the GSLB of the entry point named Paris.

---- Example 2: Modify an entry point using an input object ----

PS C:\> $x = Set-DAEntryTableItem -EntryPointName "Paris" -PolicyStore "Contoso\GPO1"

```
PS C:\> $x.GslbIP = 131.107.0.1

PS C:\> $x | Set-DAEntryTableItem
```

This cmdlet modifies an entry point named Paris by passing an input object on the pipeline.

RELATED LINKS

Online Version:

https://learn.microsoft.com/powershell/module/directaccessclientcomponents/set-daentrypointtableitem?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-DAEntryPointTableItem

New-DAEntryPointTableItem

Remove-DAEntryPointTableItem

Rename-DAEntryPointTableItem

Reset-DAEntryPointTableItem