



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

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

NAME

New-DAEntryPointTableItem

SYNOPSIS

Configures a new entry point for multisite DirectAccess.

SYNTAX

```
New-DAEntryPointTableItem [-GPOSession] <String> -ADSite <String> [-AsJob] [-CimSession <CimSession[]>]
[-Confirm] -EntryPointIPAddress <String> -EntryPointName
<String> -EntryPointRange <String[]> [-GslbIP <String>] [-IPHttpsProfile <String>] [-TeredoServerIP <String>]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
New-DAEntryPointTableItem [-PolicyStore] <String> -ADSite <String> [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-EntryPointIPAddress <String> -EntryPointName
<String> -EntryPointRange <String[]> [-GslbIP <String>] [-IPHttpsProfile <String>] [-TeredoServerIP <String>]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The `New-DAEntryPointTableItem` cmdlet configures a new entry point for multisite DirectAccess. The administrator distributes the new entry point to DirectAccess client

computers by using Group Policy, and DirectAccess client computers use the new entry point when appropriate.

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? true

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?	true
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-EntryPointName <String>

Specifies the name of the entry point. 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?	true
Position?	named
Default value	None
Accept pipeline input?	False
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?	true
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?	1
Default value	None
Accept pipeline input?	False
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

-PolicyStore <String>

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

"Domain\GPOName"

To add the entry point information to a computer's local GPO, specify the computer's local GPO name in the following format: "GPO:<computername>" PolicyStore

cannot be used in conjunction with GPOSession .

Required?	true
Position?	1
Default value	None
Accept pipeline input?	False
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 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.

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

None

OUTPUTS

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

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

NOTES

----- Example1: Create a new entry point -----

```
PS C:\> New-DAEntryPointTableItem -PolicyStore "GPO:Localhost" -ADSite "Paris" -EntryPointRange "2001::/16"
-TeredoServerIP "131.107.1.1" -EntryPointIPAddress
"200::1" -GslbIP "131.107.0.1" -EntryPointName "Paris"
```

This cmdlet creates a simple entry point named Paris.

RELATED LINKS

Online

Version:

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

Get-DAEntryPointTableItem

Remove-DAEntryPointTableItem

Rename-DAEntryPointTableItem

Reset-DAEntryPointTableItem

Set-DAEntryPointTableItem