



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

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

NAME

Set-BCAuthentication

SYNOPSIS

Specifies the BranchCache computer authentication mode.

SYNTAX

Set-BCAuthentication [-Mode] {None | Domain} [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-Force] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-BCAuthentication cmdlet specifies the authentication mode for client computers. This can be set on a hosted cache server to enable clients to prove domain membership before uploading data.

PARAMETERS

-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
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Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Mode <ClientAuthenticationMode>

Specifies the authentication mode. The acceptable values for this parameter are: Domain and None.

Required? true
Position? 1
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

None

NOTES

----- Example 1: Specify domain authentication -----

```
PS C:\> Set-BCAuthentication -ClientAuthenticationMode Domain
```

This command configures client computers to use domain authentication mode when requesting content from a hosted cache server.

RELATED LINKS

Online

Version:

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

Disable-BC

Reset-BC