



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

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

NAME

Set-BCSecretKey

SYNOPSIS

Sets the cryptographic key used in the generation of segment secrets.

SYNTAX

```
Set-BCSecretKey [[-Passphrase] <String>] [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-Force] [-ThrottleLimit  
<Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-BCSecretKey cmdlet sets the cryptographic key that is used in the generation of segment secrets. Use this cmdlet when you deploy BranchCache-enabled content

servers in a cluster or behind a network load balancer. If a file or webpage exists on multiple content servers, each server must use the same secret key. Otherwise,

each copy of the file will be cached separately in the branch office.

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
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

-Passphrase <String>

Specifies the passphrase to use in the computation of the server secret key. Run this cmdlet on each server in a cluster by using the same passphrase to make sure that a common segment secret is used.

Required?	false
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: Set a cryptographic key -----

```
PS C:\> Set-BCSecretKey -Passphrase "mySecretPhrase"
```

This command sets the cryptographic key that is used in the generation of segment secrets, using the pass phrase mySecretPhrase.

RELATED LINKS

Online

Version:

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

Export-BCSecretKey

Import-BCSecretKey