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

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

NAME

   Import-BCSecretKey

SYNOPSIS

   Imports the cryptographic key that BranchCache uses for the generation of segment secrets.

SYNTAX

   Import-BCSecretKey [-Filename] <String> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -FilePassphrase <String>
[-Force] [-ThrottleLimit <Int32>] [-WhatIf]

   [<CommonParameters>]

DESCRIPTION

   The Import-BCSecretKey cmdlet imports the cryptographic key that BranchCache uses for 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.

Use the Export-BCSecretKey cmdlet to export the secret key from one server to a file. Import the contents of this file by using this cmdlet.

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

-FilePassphrase <String>

   Specifies the passphrase for the file that contains the key information to be affected by this cmdlet.

   Required?   true

   Position?   named

   Default value   None

   Accept pipeline input?   False

   Accept wildcard characters? false

-Filename <String>

   Specifies the path of the file to be affected by this cmdlet.

   Required?   true

   Position?   1

   Default value   None

   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

-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

None

OUTPUTS

None

NOTES

---------------- Example 1: Import a secret key ----------------

PS C:\> Import-BCSecretKey -Filename "C:\share1\secretkey.key" -FilePassphrase "mySecretPhrase"

This command imports the key material in the file C:\share1\secretkey.key that is encrypted with the passphrase mySecretPhrase.

RELATED LINKS

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

Export-BCSecretKey

Set-BCSecretKey