Full credit is given to all the above companies including the Operating System that this PDF file was generated!

Windows PowerShell Get-Help on Cmdlet 'Publish-BCWebContent'

PS:\>Get-HELP Publish-BCWebContent -Full

NAME

　Publish-BCWebContent

SYNOPSIS

　Creates hashes for web content.

SYNTAX

　　Publish-BCWebContent [-Path] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-Force] [-Recurse]

[-ReferenceFile <String>] [-StageData] [-StagingPath

　<String>] [-ThrottleLimit <Int32>] [-UseVersion <UInt32>] [-WhatIf] [<CommonParameters>]

DESCRIPTION

　The Publish-BCWebContent cmdlet creates hashes for web content when content servers are deployed that run Windows

Serverr 2012 with the Web Services (IIS) server role

　installed. In addition, the web server must be configured as a BranchCache content server by installing the BranchCache

feature.

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.   *Page 2/7*

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

-Path <String[]>

   Specifies the file path or the path of a folder that contains files that this cmdlet hashes.

   Required?   true

   Position?   1

   Default value   None

   Accept pipeline input?   True (ByValue)

   Accept wildcard characters? false

-Recurse [<SwitchParameter>]

    Indicates that hashes are created for content in subfolders. If you do not specify this parameter, this cmdlet creates

hashes only for content in the top folder.

   Required?   false

   Position?   named

   Default value   False

   Accept pipeline input?   False

Accept wildcard characters? false

-ReferenceFile <String>

   Specifies a reference file from a previous run.

   Required?   false

   Position?   named

   Default value   None

   Accept pipeline input?   False

   Accept wildcard characters? false

-StageData [<SwitchParameter>]

   Indicates that this cmdlet saves data to a staging area for future export using the Export-BCCachePackage cmdlet. If you do not specify this parameter, hashes are

   generated for data, but the data is not prepared for export.

   Required?   false

   Position?   named

   Default value   False

   Accept pipeline input?   False

   Accept wildcard characters? false

-StagingPath <String>

   Specifies a folder location where this cmdlet stores staging data.

   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

-UseVersion <UInt32>

Specifies the version of the BranchCache hashing scheme to use. If the specified version is 1, the content information is generated according to the scheme used

by Windows 7 clients. If the specified version is 2, content information is generated according to the more efficient hashing scheme used by client computers

that run operating systems later than Windowsr 7.

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: Hash the contents of a folder -----------

   PS C:\> Publish-BCWebContent -Path "D:\inetpub\wwwroot" -Recurse

   This command pre-hashes the contents of wwwroot. Hashes are available as soon as requests are made.

   ----- Example 2: Hash the contents of a folder for export -----

   PS C:\> Publish-BCWebContent -Path "D:\inetpub\wwwroot" -StageData

   This command adds data to a data package that can later be exported and preloaded on a remote hosted cache server.

RELATED LINKS

https://learn.microsoft.com/powershell/module/branchcache/publish-bcwebcontent?view=windowsserver2022-ps&wt.mc_id=

ps-gethelp

Disable-BC

Reset-BC