



## ***Windows PowerShell Get-Help on Cmdlet 'Get-BCDataCacheExtension'***

***PS:\>Get-HELP Get-BCDataCacheExtension -Full***

### **NAME**

Get-BCDataCacheExtension

### **SYNOPSIS**

Retrieves objects that represent the BranchCache data cache extensions from a hosted cache server.

### **SYNTAX**

Get-BCDataCacheExtension [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]

### **DESCRIPTION**

The Get-BCDataCacheExtension cmdlet retrieves the BranchCache data cache extensions from a hosted cache server. Hosted cache servers that are running Windows Server

2012 can have multiple data caches, which are Extensible Storage Engine (ESE) databases, and which are specified by using data cache extensions.

### **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 |

`-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

#### <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\_NetBranchCacheDataCacheExtension

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the pound sign (`#`) provides the namespace and class name for the underlying WMI object.

#### NOTES

PS C:\> Get-BCDataCacheExtension

This cmdlet retrieves objects that represent the BranchCache data cache extensions from a hosted cache server.

#### RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/branchcache/get-bcdacacheextension?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/branchcache/get-bcdacacheextension?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Add-BCDataCacheExtension

Remove-BCDataCacheExtension