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PowerShell

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PowerShell Get-Help on command 'Get-WdacBidTrace'

PS C:\Users\wahid> Get-Help Get-WdacBidTrace

NAME

Get-WdacBidTrace

SYNOPSIS

Gets BidTrace settings.

SYNTAX

```
Get-WdacBidTrace [-AsJob] [-CimSession <CimSession[]>] -Folder <String>  
[-Platform {32-bit | 64-bit | All}] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

```
Get-WdacBidTrace [-AsJob] [-CimSession <CimSession[]>] -IncludeAllApplications  
[-Platform {32-bit | 64-bit | All}] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

```
Get-WdacBidTrace [[-Path] <String>] [-AsJob] [-CimSession <CimSession[]>]  
[-Platform {32-bit | 64-bit | All}] [-ProcessId <UInt32>] [-ThrottleLimit  
<Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-WdacBidTrace cmdlet gets a list of Built-in Diagnostics Tracing (BidTrace) settings for different applications.

For more information about data access tracing, see Data Access Tracing (Windows 8) (<https://msdn.microsoft.com/en-us/library/hh829624.aspx>) on the Microsoft Developer Network.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-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.

-Folder <String>

Specifies a folder. This cmdlets gets Windows DAC BidTrace settings that are associated with the folder that this parameter specifies. You can use wildcard characters.

-IncludeAllApplications [<SwitchParameter>]

Indicates that this cmdlet applies to all applications. If you specify this parameter, the cmdlet gets Windows DAC BidTrace settings for with all applications.

-Path <String>

Specifies the full path for an application. This cmdlet gets Windows Data

Access Components (Windows DAC) BidTrace settings for the application that this parameter specifies. You can use wildcard characters. If you do not specify this parameter, this cmdlet gets all Windows DAC BidTrace settings.

-Platform <String>

Specifies the platform architecture. This cmdlet gets Windows DAC BidTrace settings that belong to the architecture that this parameter specifies.

The acceptable values for this parameter are:

- 32-bit

- 64-bit

- All

The default value is 32-bit on a 32-bit process. The default value is 64-bit on a 64-bit process. If you run this cmdlet in a remote CIM session, this parameter refers to the platform architecture on the remote computer.

-ProcessId <UInt32>

Specifies a process ID. This cmdlet gets Windows DAC BidTrace settings for the process that has the ID that this parameter specifies. If you do not specify this parameter, this cmdlet gets all Windows DAC BidTrace settings.

-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.

<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>).

----- Example 1: Get all BidTrace settings -----

```
C:\PS>Get-WdacBidTrace
```

This command gets all BidTrace settings for both 32-bit and 64-bit platforms.

Example 2: Get the BidTrace setting for an application on a platform

```
C:\PS>Get-WdacBidTrace -Path "C:\temp\abc.exe" -Platform "32-bit"
```

This command gets the BidTrace setting for the application C:\temp\abc.exe and the specific settings for all its process instances on the 32-bit platform.

Example 3: Get the BidTrace setting for an application by using a Process ID

```
C:\PS>Get-WdacBidTrace -Path "C:\temp\abc.exe" -ProcessId 1234 -Platform "64-bit"
```

This command gets the BidTrace setting for the application C:\temp\abc.exe that has the Process ID 1234 on the 64-bit platform.

Example 4: Get the BidTrace setting for an application by using a wildcard character

```
C:\PS>Get-WdacBidTrace -Path "C:\*\abc.exe" -Platform "64-bit"
```

This command gets the BidTrace setting for the specified application on the 64-bit platform. The Path parameter uses a wildcard character.

Example 5: Get the BidTrace setting for application in a specified folder

```
C:\PS>Get-WdacBidTrace -Folder "C:\temp" -Platform "32-bit"
```

This command gets the BidTrace setting for the application located inside

C:\temp on the 32-bit platform.

Example 6: Get the BidTrace setting for application in a folder that includes a wildcard character

```
C:\PS>Get-WdacBidTrace -Folder "C:\t*mp" -Platform "32-bit"
```

This command gets the BidTrace setting for the application in the specified

location on the 32-bit platform. The Path parameter uses a wildcard character.

Example 7: Get the BidTrace settings for all 32-bit applications

```
C:\PS>Get-WdacBidTrace -IncludeAllApplications -Platform "32-bit"
```

This command gets the BidTrace settings for all 32-bit applications on the computer.

----- Example 8: Get BidTrace settings for both platforms -----

```
C:\PS>$BidArray = Get-WdacBidTrace
```

This command gets all BidTrace settings for both 32-bit and 64-bit platforms, and then store the results in the \$BidArray variable.

REMARKS

To see the examples, type: "get-help Get-WdacBidTrace -examples".

For more information, type: "get-help Get-WdacBidTrace -detailed".

For technical information, type: "get-help Get-WdacBidTrace -full".

For online help, type: "get-help Get-WdacBidTrace -online"