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PowerShell

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### **PowerShell Get-Help on command 'Enable-WdacBidTrace'**

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

#### NAME

Enable-WdacBidTrace

#### SYNOPSIS

Enables BidTrace for troubleshooting Windows DAC.

#### SYNTAX

Enable-WdacBidTrace [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -Folder  
<String> [-PassThru] [-Platform {32-bit | 64-bit | All}] [-ThrottleLimit  
<Int32>] [-WhatIf] [<CommonParameters>]

Enable-WdacBidTrace [-AsJob] [-CimSession <CimSession[]>] [-Confirm]  
-IncludeAllApplications [-PassThru] [-Platform {32-bit | 64-bit | All}]  
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

Enable-WdacBidTrace [-InputObject] <CimInstance[]> [-AsJob] [-CimSession  
<CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf]  
[<CommonParameters>]

Enable-WdacBidTrace [-Path] <String> [-AsJob] [-CimSession <CimSession[]>]

[-Confirm] [-PassThru] [-Platform {32-bit | 64-bit | All}] [-ProcessId  
<UInt32>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

## DESCRIPTION

The Enable-WdacBidTrace cmdlet enables Built-in Diagnostics Tracing (BidTrace) for troubleshooting Windows Data Access Components (Windows DAC).

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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-Folder <String>

Specifies a folder. This cmdlet enables BidTrace for all applications under the folder that this cmdlet specifies.

-IncludeAllApplications [<SwitchParameter>]

Indicates that this cmdlet applies to all applications. If you specify this parameter, the cmdlet enables BidTrace for all applications.

**-InputObject <CimInstance[]>**

Specifies the input object that is used in a pipeline command.

**-PassThru [<SwitchParameter>]**

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

**-Path <String>**

Specifies the full path of an application. This cmdlet enables BidTrace for the application that this parameter specifies.

**-Platform <String>**

Specifies the platform architecture. This cmdlet enables BidTrace for the WDAC 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 enables BidTrace for the process that has the ID that this parameter specifies.

#### -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.

#### -WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

#### <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: Enable BidTrace for an application on a platform -

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

This command enables the BidTrace for the application C:\temp\abc.exe on the 32-bit platform.

#### Example 2: Enable BidTrace for application by using a Process ID

```
PS C:\> Enable-WdacBidTrace -Path "C:\temp\abc.exe" -ProcessId 1234 -Platform "32-bit"
```

This command enables the BidTrace for the application C:\temp\abc.exe on the 32-bit platform for a particular instance of abc.exe. The enabled application

has the Process ID 1234.

Example 3: Enable BidTrace for applications in a specified folder on the native platform

```
PS C:\> Enable-WdacBidTrace -Folder "C:\temp"
```

This command enables a BidTrace for all applications located in C:\temp on the native platform.

----- Example 4: Enable BidTrace for 64-bit applications -----

```
PS C:\> Enable-WdacBidTrace -IncludeAllApplications -Platform "64-bit"
```

This command enables the BidTrace for all 64-bit applications.

-- Example 5: Enable and disable BidTrace for an application --

```
PS C:\> $BidSetting = Enable-WdacBidTrace -Path "C:\temp\abc.exe" -Platform  
"64-bit" -PassThru
```

```
PS C:\> Disable-WdacBidTrace -InputObject $BidSetting
```

The first command enables the BidTrace for the 64-bit application C:\temp\abc.exe, and then stores the result in the \$BidSetting variable. After you run the first command, you can use abc.exe.

The second command disables BidTrace for the application stored in \$BidSetting.

## REMARKS

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

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

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

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