

### Guide on how to compare hash key of BDDB BOs

*This ensures that the BI files provided are original and has not been tampered.*

**Hash key of BO1: cfe2e09bd739ea6d6b9b01f2c4eb4db818Ffc6adf1400e12bb476fdd7a53b35bc**

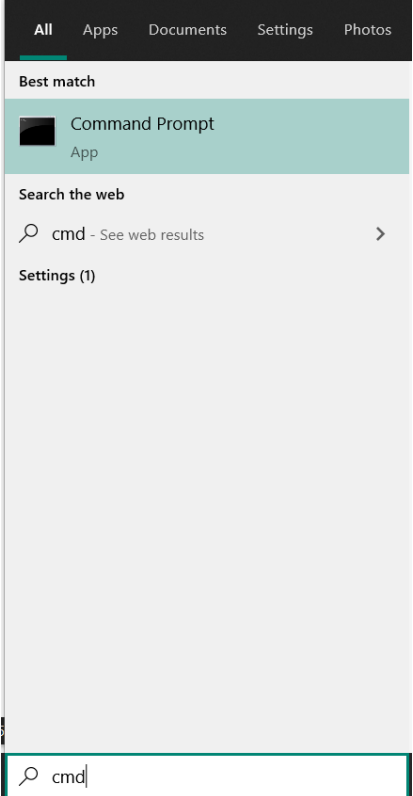
**Hash key of BO2: ab513c71cbdf5853d99d86dc9dd84d7ee8861e82b41673e6293de9e289c792b5**

**Hash key of BO3: 0529c1774a4f789417cbc16f51f26170055a1f13741e067fbb54e678b9fd3cb0**

**Hash key of BO4: 208b48778886fce11982cc0615e8591c60b9064664b4094921f58460ece91464**

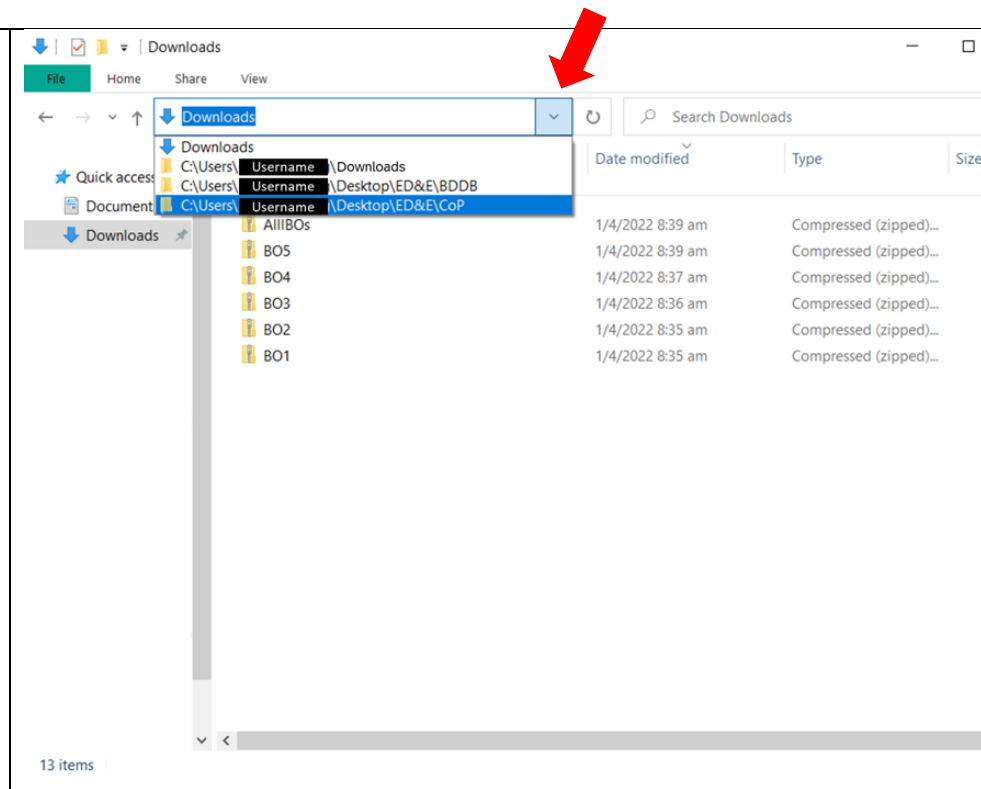
**Hash key of BO5: 362721a90f3e327608f02b71d6543d9843db2e1ac96b5bcea10f5257fd946349**

**Hash key of BOall: 19205faf96f387026d6ae38b71ff17a2a421fef4b36401c79ec8cac45614d357**

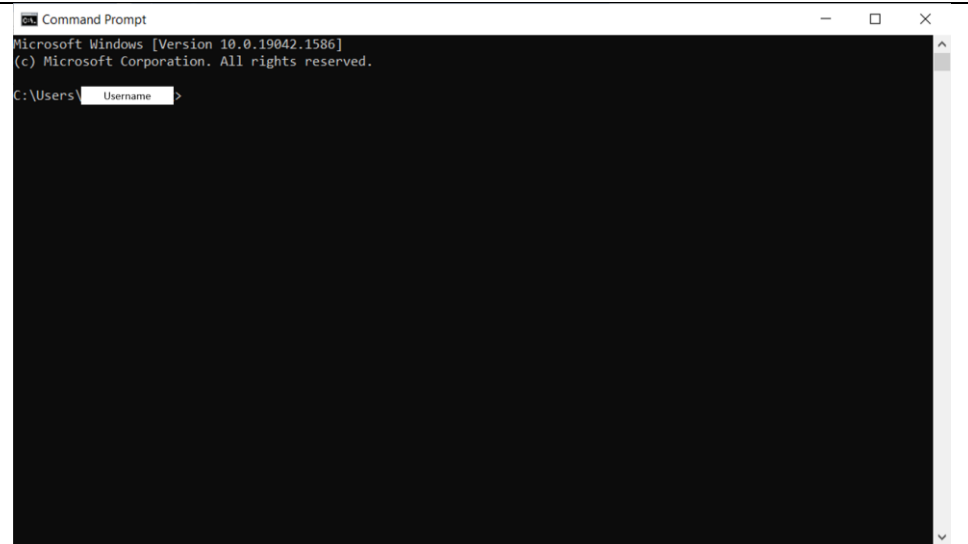
<p>1. For Windows user, open the 'command prompt' by entering "cmd" in the Windows search bar at the bottom left corner.</p>	 <p>The screenshot shows the Windows search interface. At the top, there are tabs for 'All', 'Apps', 'Documents', 'Settings', and 'Photos'. Below the tabs, the search results are displayed. Under the 'Best match' section, 'Command Prompt' is listed as an 'App'. Below that, there is a 'Search the web' section with a magnifying glass icon and the text 'cmd - See web results'. At the bottom, there is a 'Settings (1)' section. The search bar at the bottom of the window contains the text 'cmd'.</p>
--	--

2. Navigate to the folder where the file is saved. Copy the path name. i.e. C:\Users\your username\Downloads if the file is saved in the downloads folder

*Tip: You may check the path name of the folder by clicking on the arrow.*

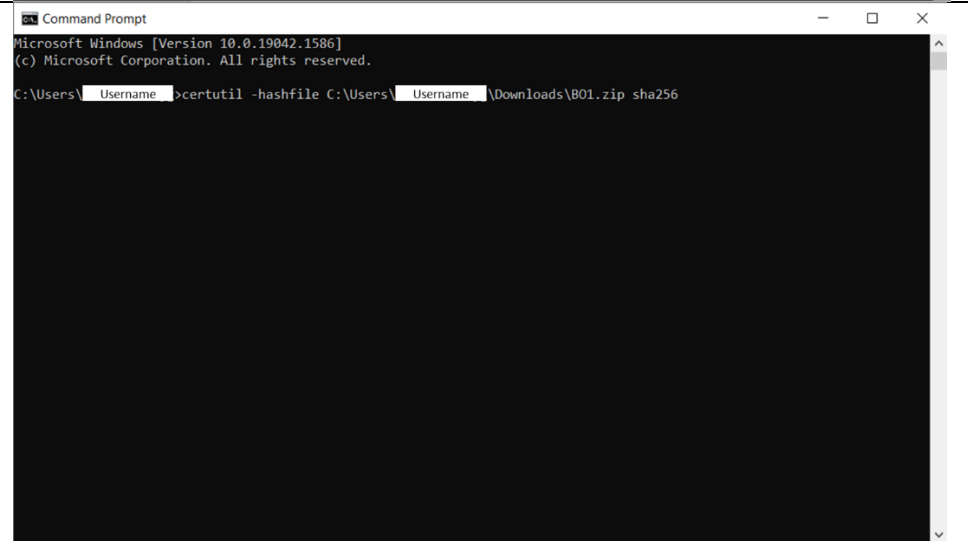


3. Go to the 'Command Prompt' and this is what you should be seeing. i.e. `C:\Users\your username>`



```
Command Prompt
Microsoft Windows [Version 10.0.19042.1586]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Username >
```

4. Insert `certutil -hashfile`  
i.e. `C:\Users\your username>certutil -hashfile`  
  
Next paste your pathname.  
i.e. `C:\Users\your username>certutil -hashfile C:\Users\your username\Downloads`  
  
Lastly, insert your file name followed by sha256  
i.e. `C:\Users\your username>certutil -hashfile C:\Users\your username\Downloads\BO1.zip sha256`



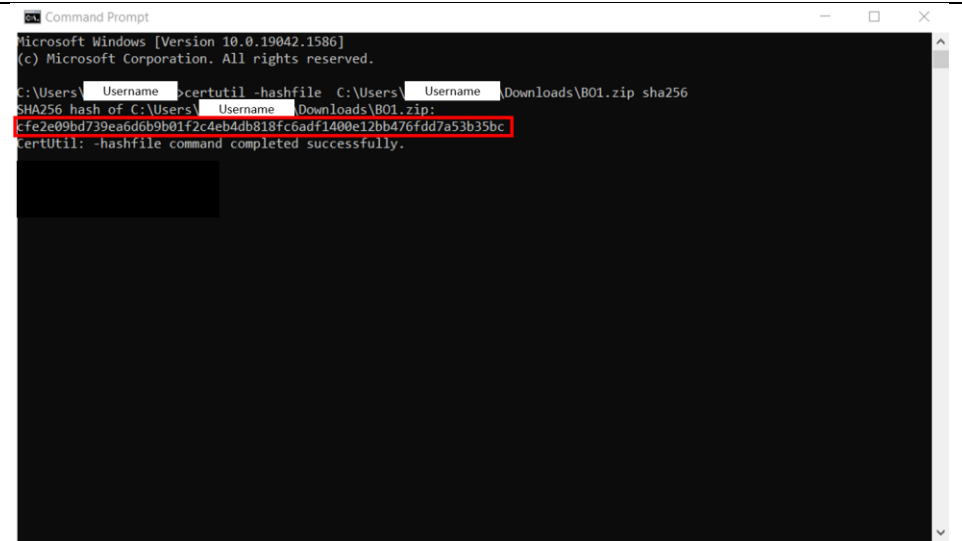
```
Command Prompt
Microsoft Windows [Version 10.0.19042.1586]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Username >certutil -hashfile C:\Users\Username\Downloads\BO1.zip sha256
```

5. Once the correct formula is entered, press the Enter key. If the hash key is a match with the hash key provided at the top of this document, this file is the original and untampered copy that is safe for use.

i.e.

cfe2e09bd739ea6d6b9b01f2c4eb4db818Ffc6adf1400e12bb476fdd  
7a53b35bc for BO1

You may repeat steps 1 to 5 for the other BOs.



```
Command Prompt
Microsoft Windows [Version 10.0.19042.1586]
(c) Microsoft Corporation. All rights reserved.

C:\Users\<Username> >certutil -hashfile C:\Users\<Username>\Downloads\BO1.zip sha256
SHA256 hash of C:\Users\<Username>\Downloads\BO1.zip:
cfe2e09bd739ea6d6b9b01f2c4eb4db818Ffc6adf1400e12bb476fdd7a53b35bc
certutil: -hashfile command completed successfully.
```