

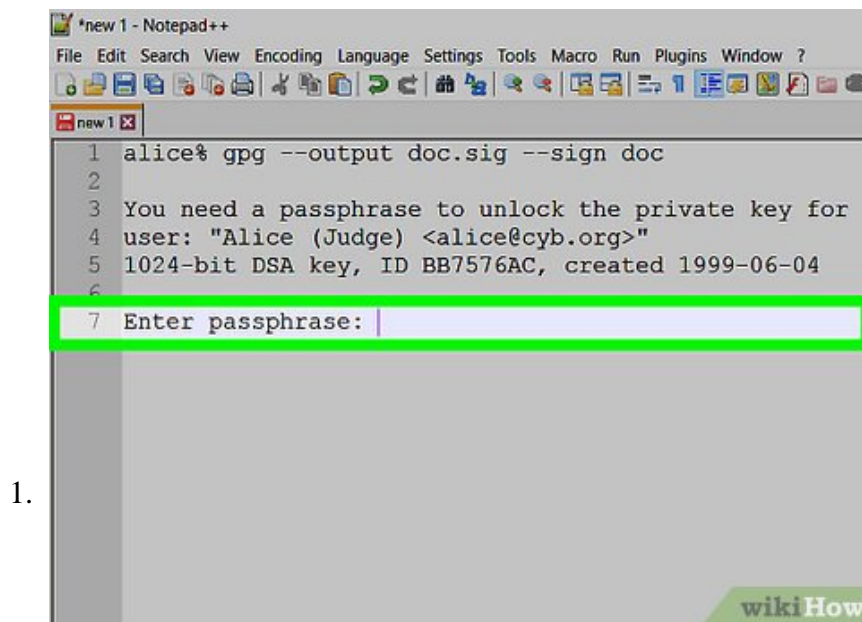
How to Verify a GPG Signature

This how-to explains a clear and step-by-step, 1-minute process to verify that a file in your possession was digitally signed by a particular GPG Secret Key and has been unmodified since the time of signing. To verify your belief that...

Part 1 of 2:

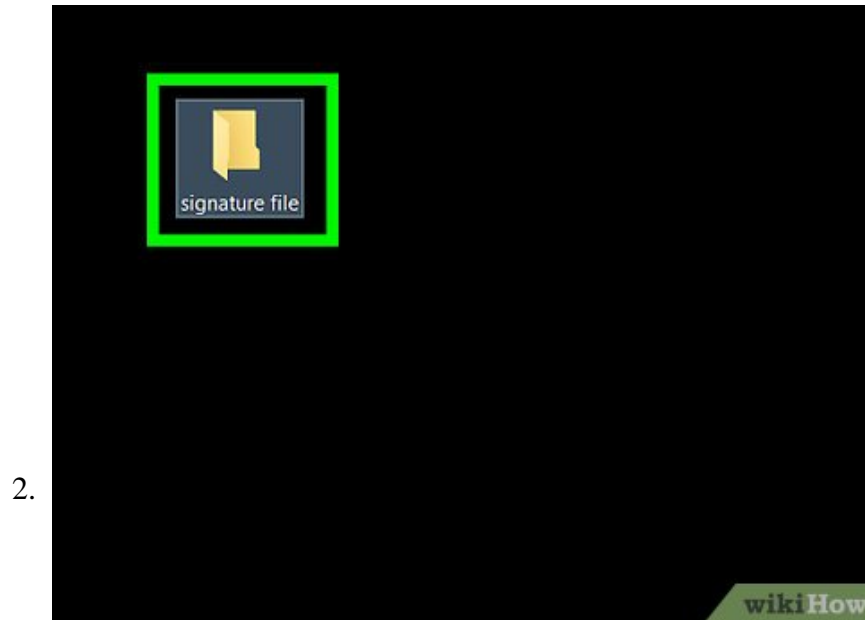
Downloading What You Need

To verify your belief that someone has signed a file, you will need a copy of that person's Public Key, a copy of the file, and a copy of the signature-file that was allegedly created through the interaction of the person's Secret Key and the file.



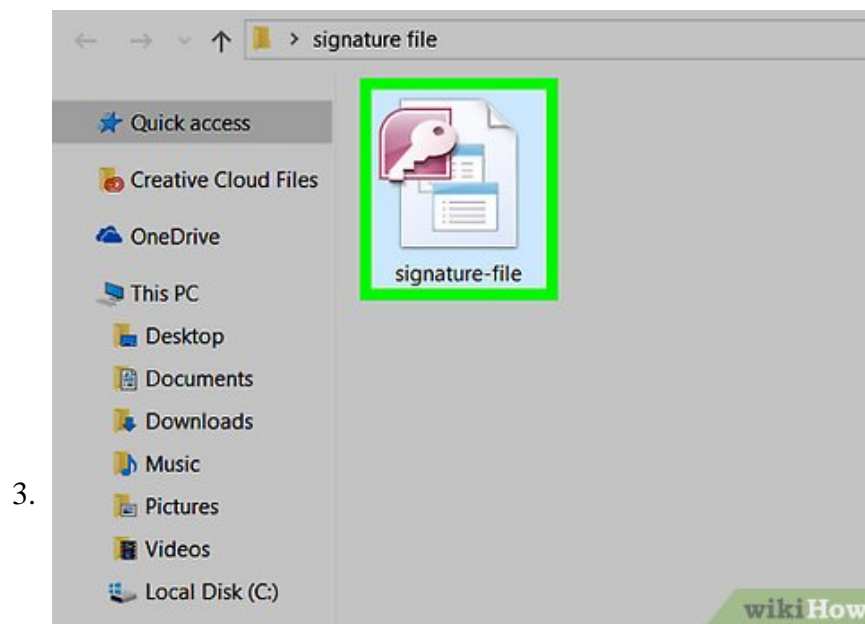
Acquire the Public Key.

1. Import the Public Key into GPG.



Acquire a copy of the file in question.

1. Save it in a Folder.



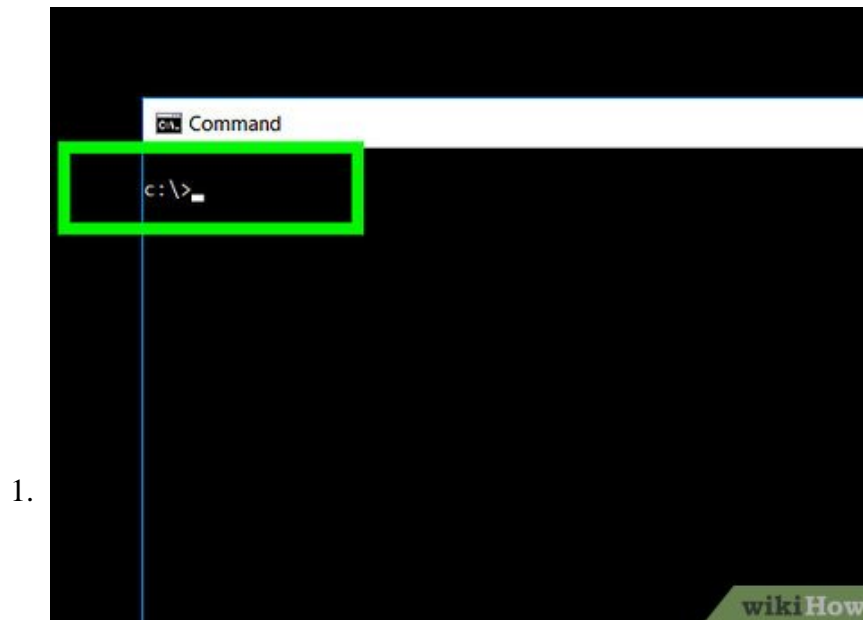
Acquire a copy of the signature-file in question.

1. Save it in the same Folder.

Part 2 of 2:

Using GPG to Verify that someone's Secret Key Signed the File in Question

GPG will help you verify the relationship between your three files.



Open a command-line interface.

1. Change the working directory to the Folder where your file and signature-file are saved.



Verify the signature.

1. Type the following command into a command-line interface:
2. `gpg --verify [signature-file] [file]`
3. E.g., if you have acquired
4. (1) the **Public Key** 0x416F061063FEE659,
5. (2) the Tor Browser Bundle **file** (tor-browser.tar.gz), and
6. (3) the **signature-file** posted alongside the Tor Browser Bundle file (tor-browser.tar.gz.asc),
7. You would type the following:
8. `gpg --verify tor-browser.tar.gz.asc tor-browser.tar.gz`

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