How to Enable TLS 1.0 in the Browser

Directions on enabling this security feature in your Internet Browser

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Configuration Control

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1. Introduction

This document was created to provide directions on how to enable the TLS 1.0 encryption settings in various web browsers such as Internet Explorer, Mozilla Firefox, Google Chrome and Apple Safari to prevent a known security bug that could compromise your personal information by hackers.

Keep in mind that if you are using a Web browser that is fairly recent (IE8 or above, Chrome versions released this year, Firefox v24 or above, Safari v5 or above) or an Operating System version such as Windows Vista/7/8/8.1 you may not have to make any changes.

If you're not sure about the level of security set on your browser, you can click on this link to verify if you are vulnerable: https://www.howsmyssl.com/ .

2. Configuration Changes Required in the Browsers

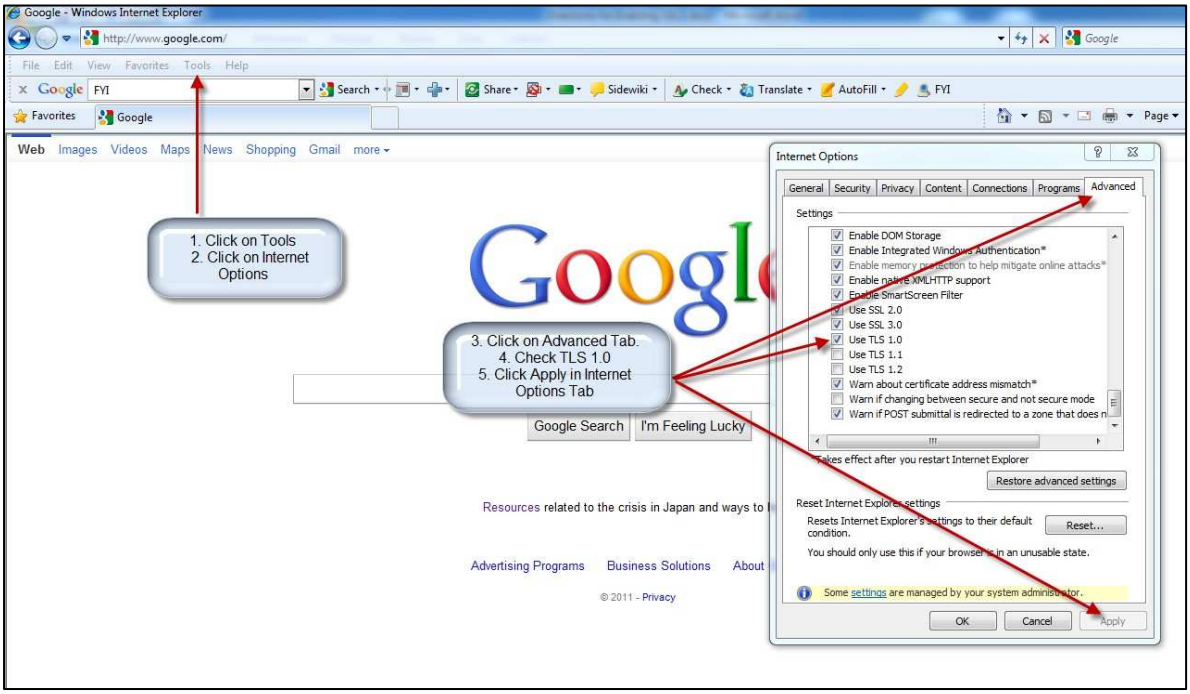
The directions below show you how to modify the various browsers encryption settings to enable a more secure configuration and prevent hacking.

2.1. Internet Explorer

In order to enable TLS 1.0, you will be required to open Internet Explorer (IE) and follow the below steps:

1. Click on "Tools" in the top menu bar of the IE browser.
2. Click on "Internet Options".
3. Click on the "Advanced" tab within the Internet Options window.
4. Scroll down in the "Advanced" tab and select the "TLS 1.0" checkbox.
5. Click "Apply" in the Internet Options tab.

See screenshot on next page (May vary based on your version).

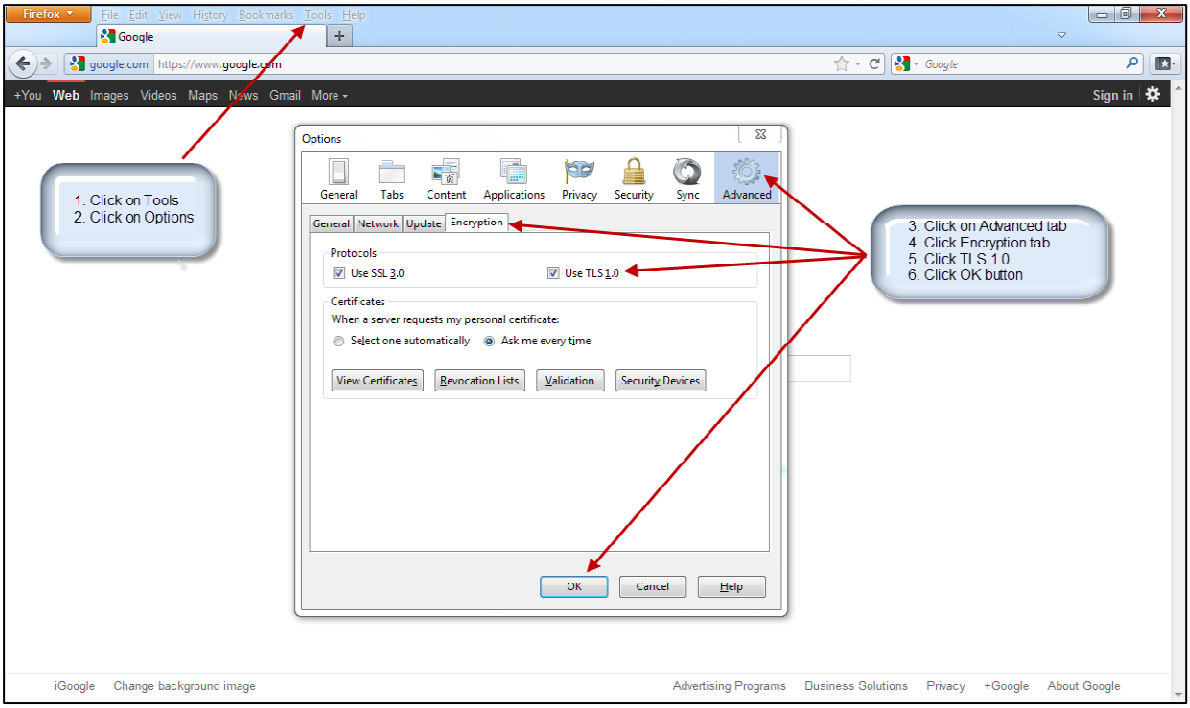


2.2. Mozilla Firefox

In order to enable TLS 1.0, you will be required to open Firefox and follow the below steps:

1. Click on “Tools” in the top menu bar of the Firefox browser.
2. Click on “Options”.
3. Click on the “Advanced” icon within the Options window.
4. Click on the “Encryption” tab.
5. Select the “TLS 1.0” checkbox.
6. Click the “OK” button.

See screenshot on next page (May vary based on your version).

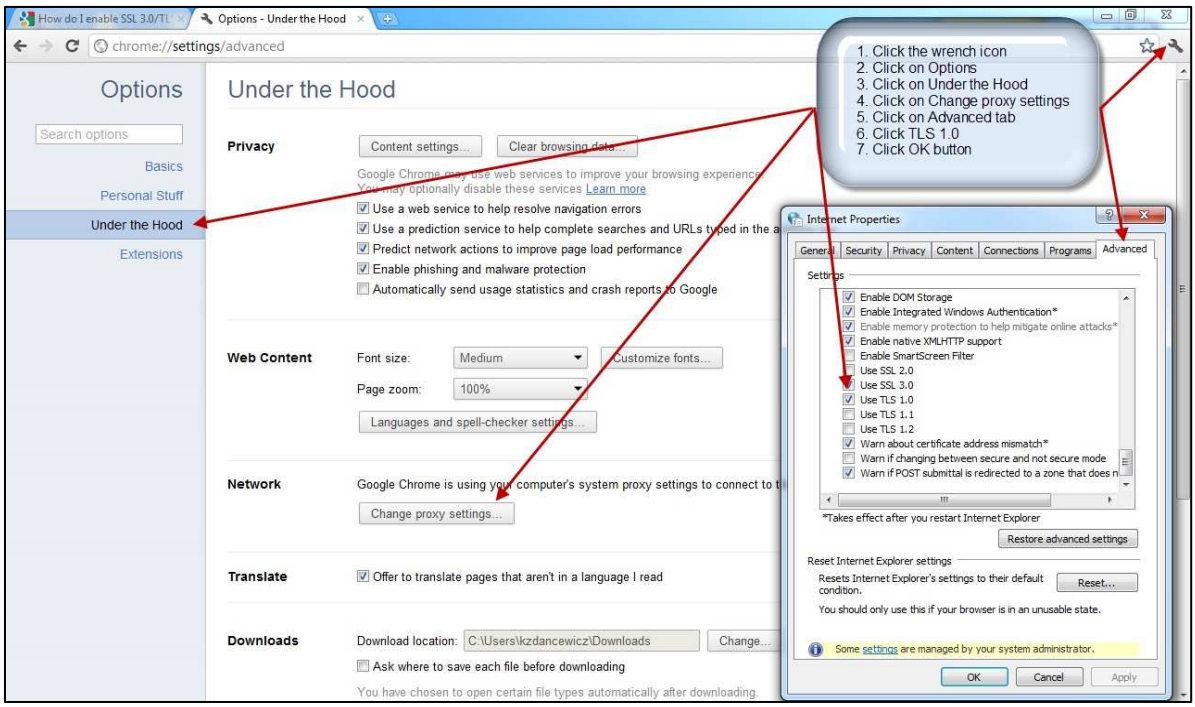


2.3. Google Chrome

In order to enable TLS 1.0, you will be required to open Chrome and follow the below steps:

1. Click on the wrench icon on the right-hand side of the address bar in the Chrome browser.
2. Click on “Options”.
3. Click on “Under the Hood”.
4. Click on the “Change proxy settings…” button.
5. Click on the “Advanced” tab icon within the Internet Properties window.
6. Scroll down in the “Settings” section and select the “TLS 1.0” checkbox.
7. Click the “OK” button.

See screenshot on next page (May vary based on your version).

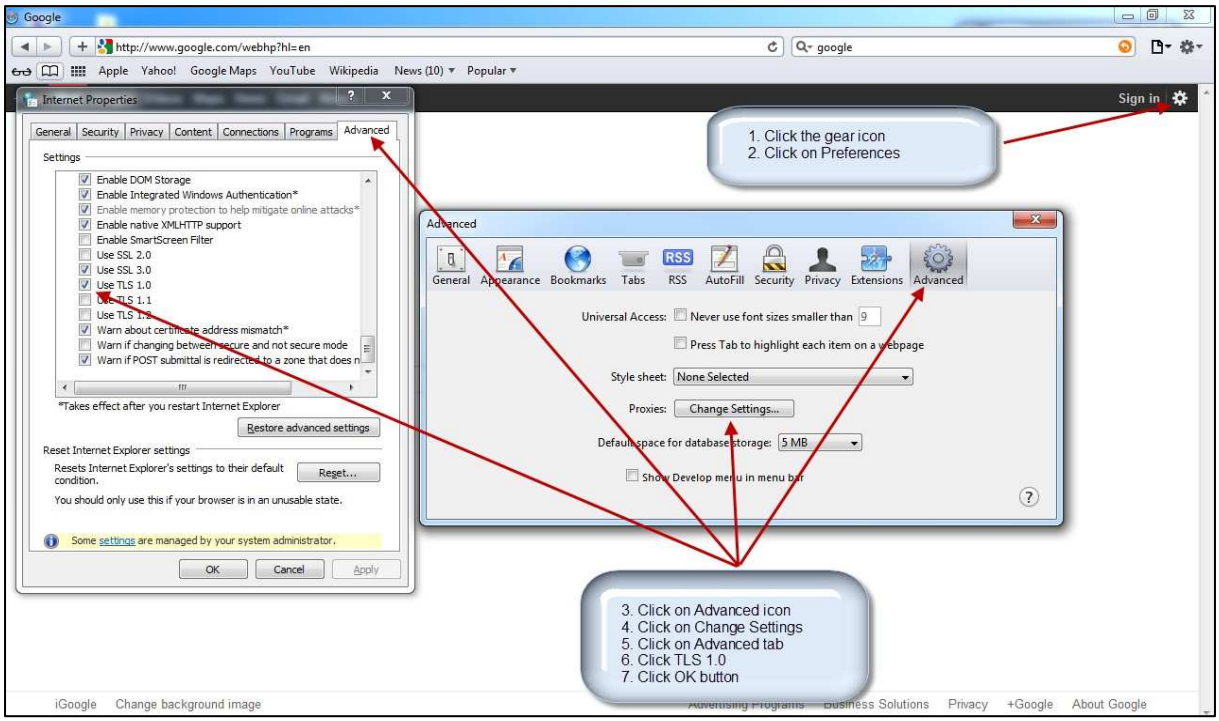


2.4. Apple Safari

In order to enable TLS 1.0, you will be required to open Safari and follow the below steps:

1. Click on the gear icon on the right-hand side of the address bar in the Safari browser.
2. Click on “Preferences”.
3. Click on the “Advanced” icon within the Advanced window.
4. Click the “Change Settings…” button.
5. Click on the “Advanced” tab within the Internet Properties window.
6. Scroll down in the “Settings” section and select the “TLS 1.0” checkbox.
7. Click the “OK” button.

See screenshot on next page (May vary based on your version).


1. Click the gear icon
2. Click on Preferences
3. Click on Advanced icon
4. Click on Change Settings
5. Click on Advanced tab
6. Click TLS 1.0
7. Click OK button