



# Using the Internet Safely

*by Doug Copley*

*October 23, 2016*

# Use a Current Browser



## Current browsers:



chrome



Microsoft Edge



**Safari**



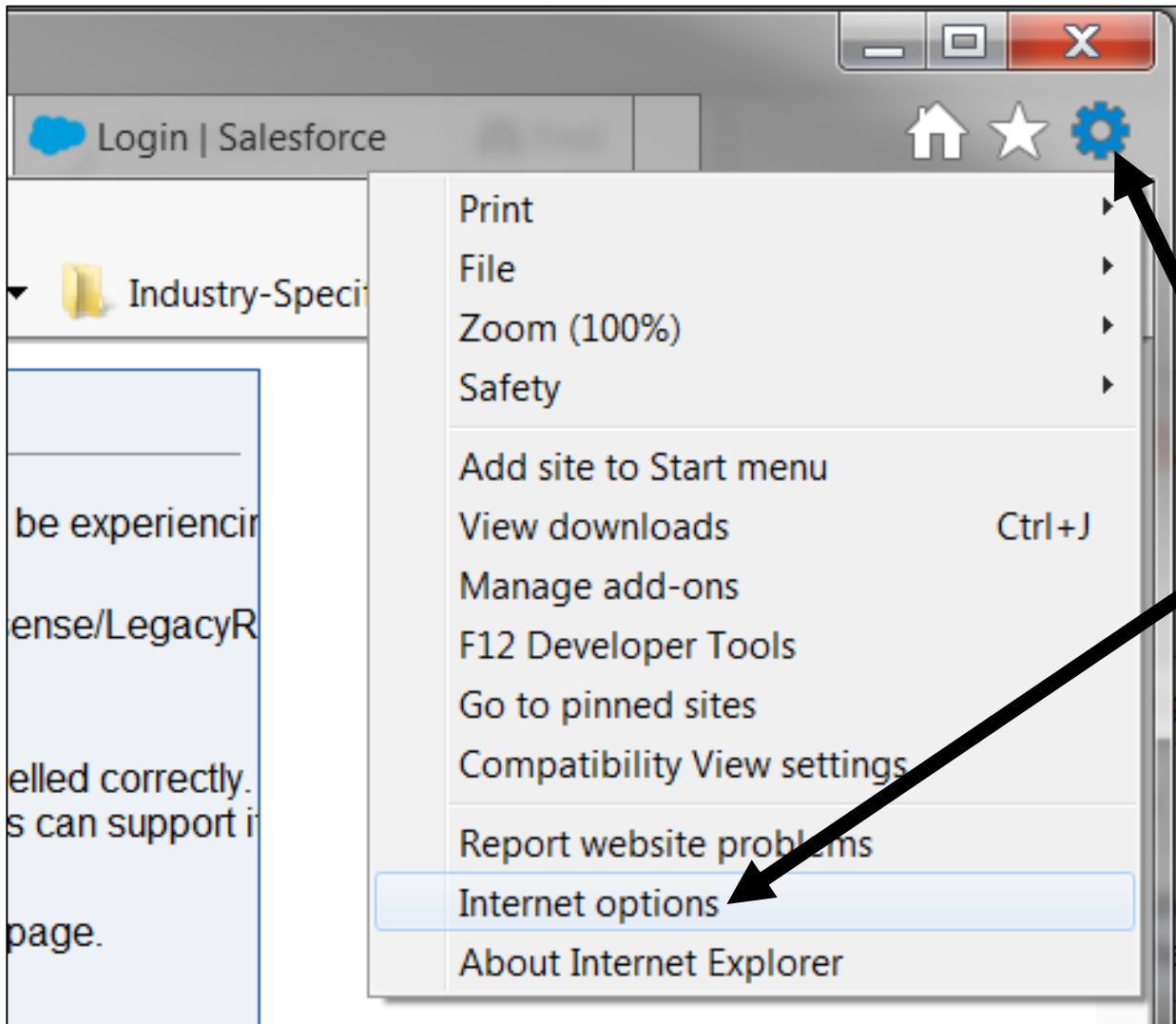
Firefox®



Internet  
Explorer®11

# Settings In Internet Explorer 11

http://www.

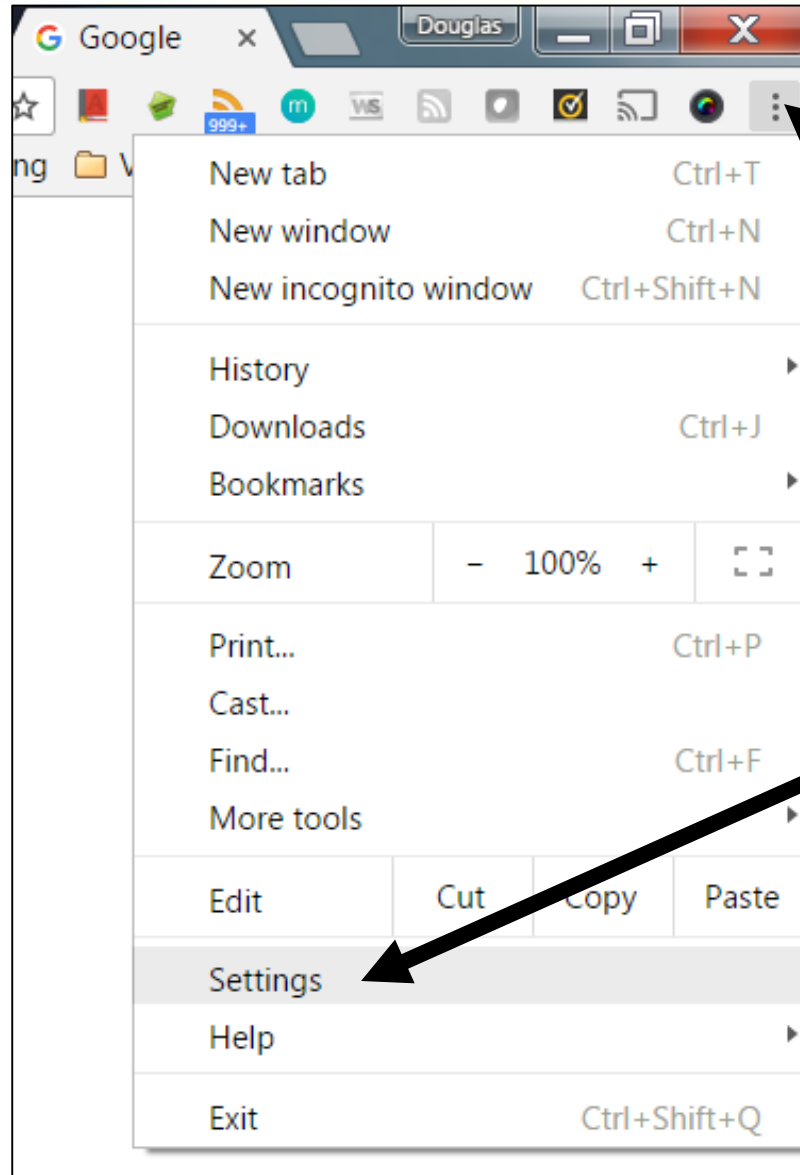


This is how to get to the browser settings in Internet Explorer 11.

First, click the gear icon.

Then click here.

# Settings In Google Chrome



This is how to get to the browser settings in Google Chrome.

First, click the three vertical dots.

Then click here.

# Enable Browser Protections



- **Recommended Settings:**
  - **Block popup messages by default**
  - **Block plugins from running automatically**
  - **Ask if a site wants to use your location**
  - **Don't let sites use your microphone or web cam without permission**
  - **Ask if a site wants to download files**
  - **Clear browser cache and history periodically**

# Enable Browser Protections



- **How-To's:**

- **Google Chrome:**

- <https://support.google.com/chrome#topic=3421433>

- **Microsoft Internet Explorer:**

- [IE Privacy and Security Settings](#)

- **Mozilla FireFox:**

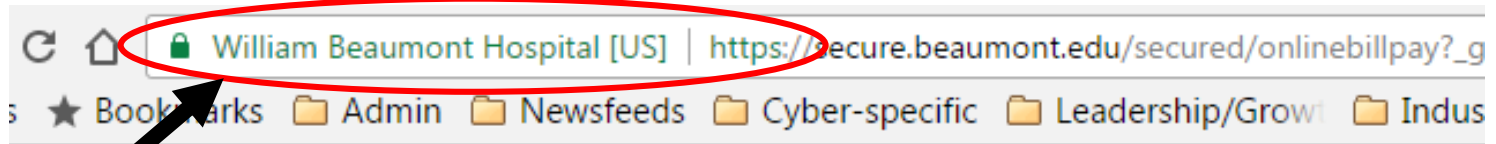
- <https://support.mozilla.org/en-US/products/firefox/privacy-and-security>

- **Apple Safari:**

- <https://support.apple.com/en-us/HT201265>

# Look For Secure, Known Connections

http://www.



These Examples Are using Google Chrome

**HTTPS**  
means secure connection.

Green Lock means, site is trusted by internet authorities.

## Beaumont

### Beaumont

Business Center  
750 Stephenson Highway  
PO Box 5042  
Troy, MI 48007-5042

To pay your bill online  
Create your own account at  
[www.myBeaumont.com](http://www.myBeaumont.com)  
or  
[www.beaumont.edu](http://www.beaumont.edu)  
**To contact us:**  
248.577.9600 – Medical Billing



# Look For Secure, Known Connections

http://www.



These  
Examples  
Are using  
Google  
Chrome



In Google Chrome,  
means the site is  
not secured.



# Look For Secure, Known Connections

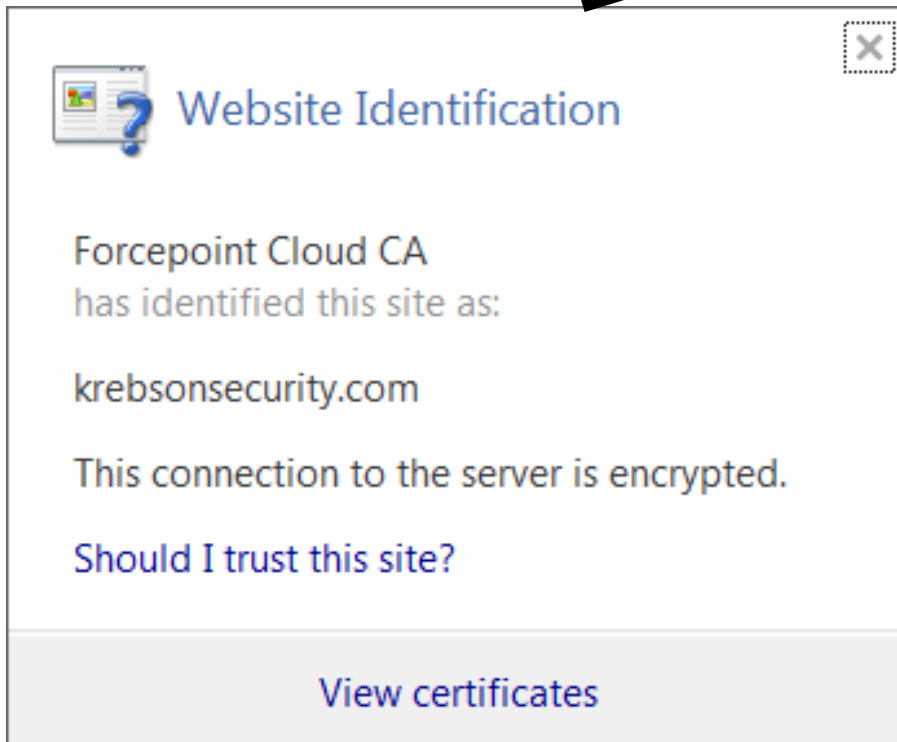
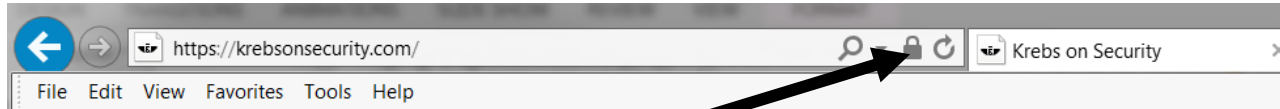
http://www.



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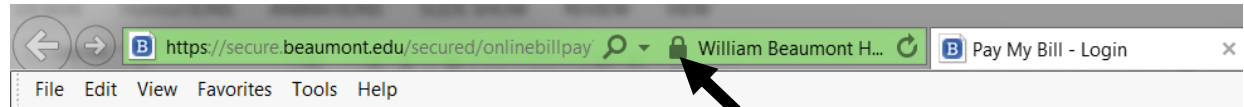


# Internet Explorer Site Indicators

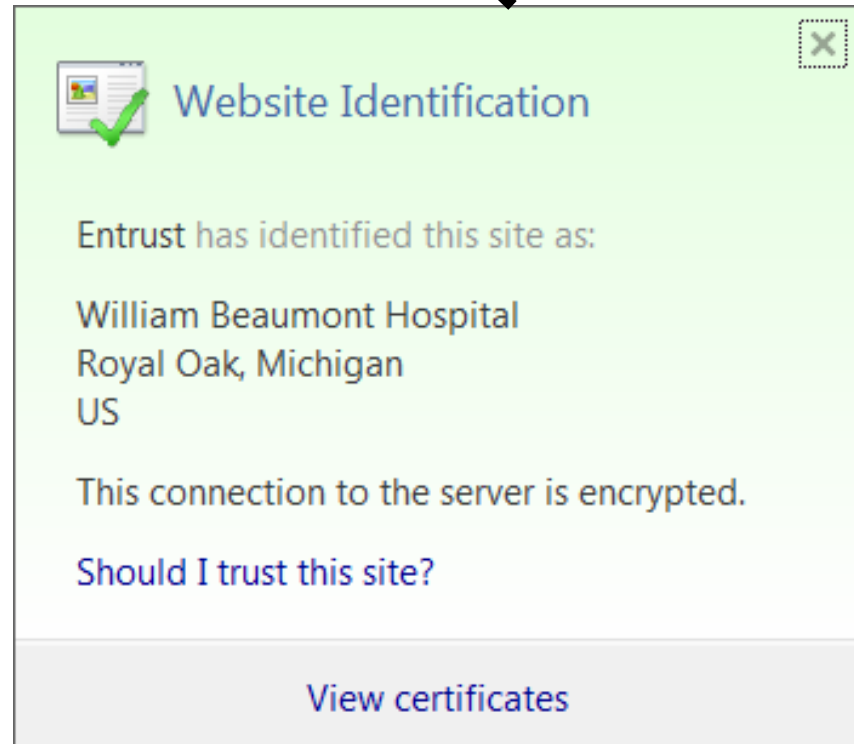


Clicking on the lock icon  
Gives you information about  
The site and the security of it.

# Internet Explorer Site Indicators



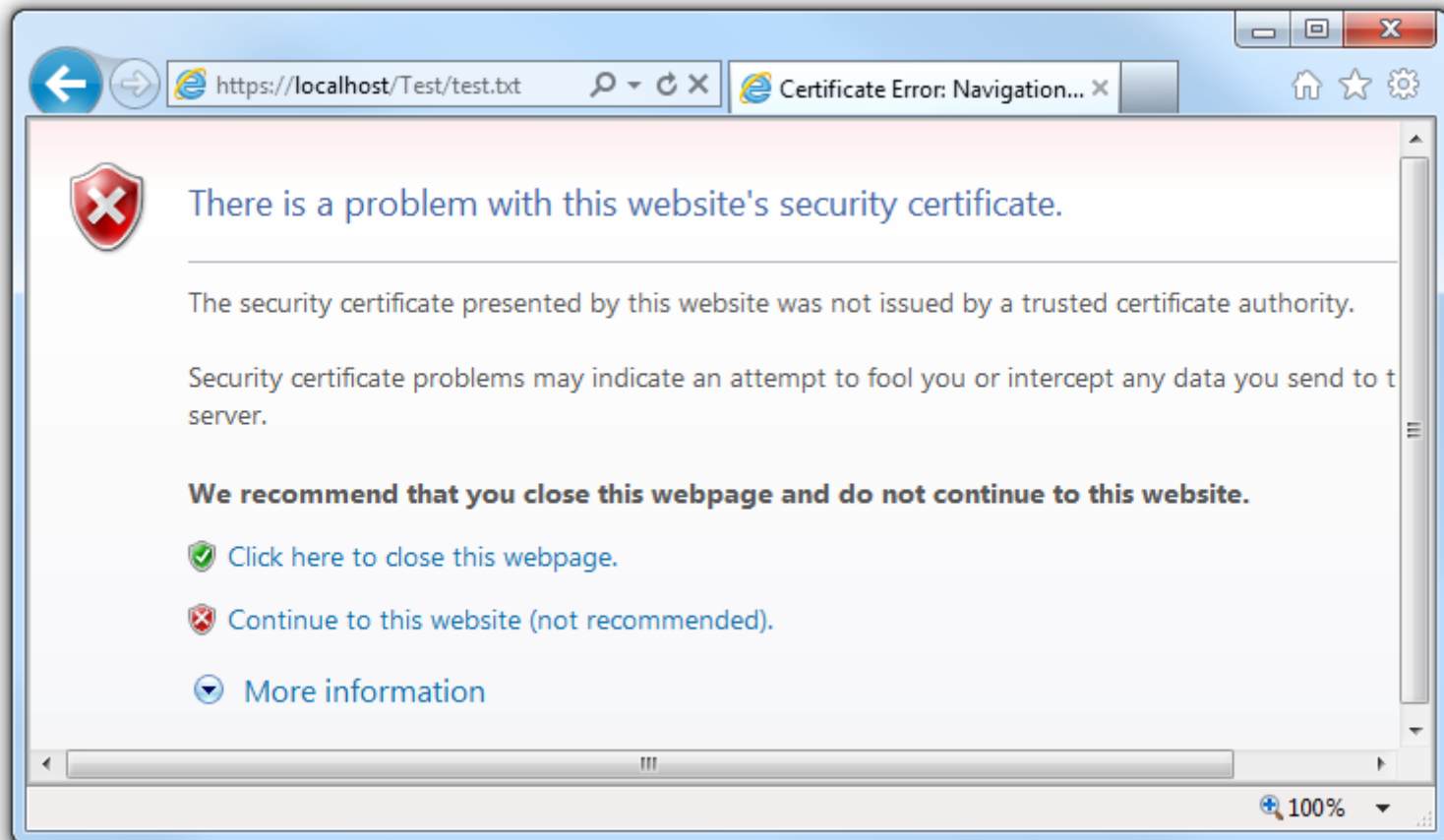
The green color indicates the site is who it claims to be



# Internet Explorer Site Indicators



If there's a problem with the security, you'll get a message like this.



# Use 2-Factor Authentication



**Turn on 2-Factor (2-step) verification on apps with personal information or credit card information**

- **Most use text messages**
- **Some use authentication apps**



- **Hotels, Libraries, etc. have public PCs**
- **Very easy for owner or others to track your activity (assume keylogger)**
- **Don't access sites with sensitive data**
- **Use private browsing, delete history**
- **Don't plug any devices into them**

- **Validate the network name (beforehand)**
- **Easy for owner and sometimes others to see your activity**
- **Use a VPN (virtual private network)**
- **Use your own mobile hot spot**
- **Don't let anyone else connect to you**
- **Without VPN, don't access or use sites that require sensitive information**
- **Free VPN - PCs:** Hotspot Shield Chrome extension

- **Fingerprint authentication**
- **Only use trusted apps (research them)**
- **At home, connect to your secure WiFi**
- **Outside the home, turn WiFi and Bluetooth off (they can track you - saves battery too!)**
- **Use a VPN: Opera Free VPN (for apple devices - no registration required)**
- **Delete apps you no longer use**





- **What is social media?**

- Facebook
- Twitter
- LinkedIn
- YouTube

- Instagram
- SnapChat
- Pinterest
- Google+
- Etc.

- **Privacy settings – Use Them!**
- **You control who sees your profile**
- **DON'T CONNECT WITH PEOPLE YOU DON'T KNOW!**
- **You control who sees your posts**
- **You control who can post to your timeline**
- **Can block users, messages, pages, invites, apps**
- **2-Step authentication is under Security on Facebook (maybe others)**
- **Don't let apps post on your behalf**

# Web Site Blocking



You can protect children from malicious or inappropriate content, profanity (Net Nanny) or cyber-bullying:

- 1. Net Nanny - \$39.99**
- 2. OpenDNS Home (Free – very reputable)**
- 3. SpyAgent - \$69.95**
- 4. Norton Family - \$49.99**

# Links to More Advice

http://www.



- <https://staysafeonline.org>
- <https://stopthinkconnect.org>
- [www.getsafeonline.org](http://www.getsafeonline.org)
- [www.idtheftcenter.org](http://www.idtheftcenter.org)
- [www.consumer.ftc.gov/topics/online-security](http://www.consumer.ftc.gov/topics/online-security)
- [www.antiphishing.org/resources/overview/](http://www.antiphishing.org/resources/overview/)

# Thank You!

<http://www>



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**Twitter:** @copleydt

**LinkedIn:**

[www.linkedin.com/in/dcopley](http://www.linkedin.com/in/dcopley)