



# COMPUTER SECURITY

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# COMPUTER SECURITY

- The top four risks to your computer security are:
  - Internet Browsing
  - Email
  - Software Vulnerabilities (bugs)
  - You 😊

# INTERNET BROWSING – ONE PASSWORD TO RULE THEM ALL

- 80% of users ages 18 and up use the SAME Password across multiple sites
- Ideal Passwords
  - Should not contain real words: **Monkey123, Password11, M0nk3Y123**
  - Should contain a mixture of Number, Letters, Special Characters: **g13R\$3Bochui**
  - Should be a reasonable length >8 **ob9qu4SL4WN\$901\*WcJ1!mwIMETz^k9IC6&I**
- Solutions
  - Write Passwords down
  - Save them in a file
  - Use the Browsers Manage Passwords feature
  - Use a Third Party Password Manager (Password Safe, KeePass, LastPass)

# INTERNET BROWSING – BROWSER PASSWORD MANAGERS

- Microsoft Edge
  - From the **Tools** Menu go to **Settings**, at the bottom click **View Advanced Settings**, scroll down to **Autofill settings** and **Save Passwords** can be enabled by moving the slider to the right
- Google Chrome
  - From the **Tools Menu** go to **Settings**, at the bottom click **advanced**, Under the **Passwords and Forms** section click **Manage Passwords** it can be enabled by moving the slider to the right
- Mozilla Firefox
  - From the **Tools Menu** go to **Options**, select **Privacy & Security** from the left menu, under **Forms & Passwords** tick **Remember logins and password for web sites**
- Safari
  - From **Preferences** select **AutoFill** and tick option **User names and passwords**
- Internet Explorer (Legacy)
  - Got to **Internet Options**, On the **Content** tab, under **AutoComplete**, select **Settings** to enable click the **Username and Password on Forms** tick box

# INTERNET BROWSING – THIRD PARTY PASSWORD MANAGERS

- Password Safe

- <https://pwsafe.org/KeePass>

- KeePass

- <https://sourceforge.net/projects/keepass/?source=directory>

- LastPass

- <https://www.lastpass.com/>

# INTERNET BROWSING – BROWSER HISTORY

Your browsing history is stored by the browser so you can go back to a previous page or search the history for a previously browsed page. You can view using the following short cuts:

- Microsoft Edge
  - CTRL + H
- Google Chrome
  - CTRL + H
- Mozilla Firefox
  - CTRL + H
- Safari
  - ALT + H
- Internet Explorer (Legacy)
  - CTRL + H

# INTERNET BROWSING - WHAT IS INCOGNITO MODE?

- Secret Presents/Gifts Mode
- Public Computer Use
- Repeat searches for flights etc
- Some Protection from 'sketchy' sites
- What does it do:
  - Does not store browsing history
  - Does not save cookies
  - Does not save information entered in forms

# INTERNET BROWSING - ACCESSING INCOGNITO MODE

- Microsoft Edge / Internet Explorer – InPrivate mode
  - Right Click icon in toolbar, select New InPrivate Window
  - From Tools Menu select New InPrivate Window
- Google Chrome – incognito mode
  - Right Click icon in toolbar, select New incognito window
  - From Tools Menu select New incognito window
- Mozilla Firefox – private mode
  - Right Click icon in toolbar, select New private window
  - From Tools Menu select New private window
- Safari – private mode
  - File – New Private Window