

Double Click Presentation Notes
~ January 17, 2016 ~
The Dynamic Duo - Adware and Malware
(aka *BADware!*)

Meeting Announcement

- <http://www.double-click.org/meetings.html>

Statistics

1. World War III -- In Progress -- No bombs, just bits
 - Norse Attack Map (<http://map.norsecorp.com>)
 - Straight facts about Mac Malware (<http://www.eset.com/int/mac-malware-facts/>)
2. Go nuts researching the threats
 - National Vulnerability Database (<https://nvd.nist.gov>)
 - Long lists of CVEs or **Common Vulnerabilities and Exposures**
3. 2015 -- Another Good Year
 - AV-TEST Institute reports...
 - “More Security for Mac OS X: 12 Security Packages Put to the Test”
<https://www.av-test.org/en/news/news-single-view/more-security-for-mac-os-x-13-security-packages-put-to-the-test/>
 - AV Comparatives reports...
 - “Mac Security Review / Test 2015”
<http://www.av-comparatives.org/mac-security-reviews/>
4. Cookies make your web browser FAT and S-L-O-W
 - Princess Leia knows better (*Star Wars Episode IV: A New Hope*)
http://www.moviewavs.com/php/sounds/?id=bst&media=MP3S&type=Movies&movie=Star_Wars_Episode_IV_A_New_Hope"e=notthisship.txt&file=notthisship.mp3
 - Steve Gibson comments on Web Privacy Census of 1000 Popular Websites
https://www.youtube.com/watch?v=B1_JkCqHB3E#t=22m22
 - Web Privacy Census (<http://techscience.org/a/2015121502/>)

Best Practices to Mitigate a Disaster

1. Keep your software up to date
 - Operating System
 - Apple supplied applications
 - App Store applications (purchased & free)

- Other third party application sources (including browser extensions & plugins)
 - ***The App Store and Gatekeeper are your best friends!***
2. Turn **ON** your built-in firewall
 - System Preferences > Security & Privacy > Turn On Firewall
 3. Backup your data
 - The 3-2-1 Rule (<http://www.dpbestflow.org/node/262#321>)
 - OS X: Time Machine
 - 3rd Party Cloner - SuperDuper! and CarbonCopyCloner
 - Offsite: Backblaze, CrashPlan, Carbonite, etc.
 4. Give up control...be a Standard user
 - System Preferences > Users & Groups
 5. Exercise Caution
 - Watch where you are browsing
 - Pause BEFORE you click on a link; **PAUSE & HOVER** first, then click
 - If you didn't ask for it, don't open it!

Antivirus Software - OS X

Sources:

1. <http://www.tomsguide.com/us/best-antivirus,review-2588-6.html>
2. <http://mac-antivirus-software-review.toptenreviews.com>

Recommendations:

- **Avira** - <https://www.avira.com/en/free-antivirus-mac>
 - Best Overall Mac Antivirus (and its free too!)
- **Bitdefender** - <http://www.bitdefender.com/solutions/antivirus-for-mac.html>
 - Best Paid Mac Antivirus
- **Malwarebytes Anti-Malware for Mac** - <https://www.malwarebytes.org/antimalware/mac/>
 - On July 15, 2015 AdwareMedic joined Malwarebytes

Safari Extensions for Limiting Ad Tracking and Improving Privacy

Sources:

1. <https://www.raymond.cc/blog/10-ad-blocking-extensions-tested-for-best-performance/>
2. <https://www.ublock.org/faq/>

Recommendations:

- **Disconnect** - <https://disconnect.me>
- **Ghostery** - <https://safari-extensions.apple.com/details/?id=com.betteradvertising.ghostery-HPY23A294X>
- **uBlock** - <https://www.ublock.org>

Safari Extensions for Content Blocking

Sources:

1. <https://www.expressvpn.com/blog/best-privacy-apps-extensions-for-safari/#mac>

Recommendations:

- **Adamant** - <https://safari-extensions.apple.com/details/?id=com.corybohon.Adamant-Safari-683GF3WH33>
- **Wipr** - <https://safari-extensions.apple.com/details/?id=com.giorgiocalderolla.wipr-desktop-4449XA862Y>

Antivirus Software - iOS

Sources:

1. <http://9to5mac.com/2015/03/19/apple-app-store-antivirus/>

Recommendations:

- NONE - Apple killed them all.

Safari Content Blocker - iOS 9.x

Sources:

1. <https://developer.apple.com/videos/play/wwdc2015-511/>
2. <http://www.imore.com/ios-9-content-blocking-extensions-explained>
3. <https://www.expressvpn.com/blog/best-privacy-apps-extensions-for-safari/#ios>

Recommendations:

- **1Blocker** - <https://itunes.apple.com/app/id1025729002>
- **Refine** - <https://itunes.apple.com/app/id1011678834>
- **Purify** - <https://itunes.apple.com/app/id1011678834>