CYBERSECURITY
TECH Workshop

Free Lunch!

TUESDAY • MAR 6 • 12:30 • L315
Register online: guides.law.fsu.edu/TechTuesdays
Paul Manafort’s downfall aided by his inability to convert a PDF into a Word doc

It happens to the best of us

By Nick Statt | @nstatt | Feb 23, 2018, 1:42pm EST
UNDERSTANDING TERMS

• Browser Hijacking
  • May replace the existing homepage or search page with an undesired alternative

• Malware
  • Hostile or intrusive software, installed surreptitiously, that may disrupt computer operation

• Spyware
  • Similar to malware, allows for the surreptitious gathering of information
TERMS CONTINUED

• Spam
  • Usually irrelevant or unwanted email messages sent in bulk

• Phishing
  • The activity of defrauding internet users by posing as a legitimate enterprise to gain access to secure information

• Virus
  • A program that when executed may replicate itself and insert itself into other programs, data files and boot sector. The virus may damage the users content and also spread to other computers via a network or by exchanging files.
Ransomware
Is a malicious software which is designed to block access to a user's or firm's computer data until a ransom is paid.
“Data held hostage.” Years—even months—ago, the concept may have sounded absurd. Today, it is becoming all too common. Ransomware has quickly become a household term for organizations of all sizes.
ANATOMY OF A LAW FIRM RANSOMWARE ATTACK, PART I
'Ransomware' software attacks stymie law firms

By Joe Dysart

June 2015

In the annals of Internet crime, “ransomware”—software that freezes up a computer, encrypts all its data and demands a ransom for the system’s restoration—is especially malicious. And attorneys are among the targets.

David J. Bilinsky, adviser and staff lawyer at the Law Society of British Columbia, says one of its member firms suffered a hostile takeover of its computers by ransomware late last year. Bilinsky says the attack came on the heels of ransomware takedowns at two other member law firms in 2013.

“These attacks emphasize the need for law firms of all sizes to increase their awareness and implementation of current security protocols,” Bilinsky says.

And this problem doesn’t stop above the U.S. border. “I know one technology and forensics consultant in Virginia who has helped at least 50 firms across many states,” says Dan Pinnington, vice president of claims prevention and stakeholder relations at the Lawyers’ Professional Indemnity Co. “I know many of my practice management adviser colleagues at the various state bar associations have taken calls from firms that have been infected.”

A growing scourge, ransomware is enjoying newfound popularity among hackers with the emergence of CryptoWall, an especially insidious variant of the malware. Since February 2013, more than 600,000 victims worldwide have reportedly...
A PRACTICAL APPLICATION

Find the Law Practice magazine app in your Apple®, Android™, and Kindle Fire device app stores!

Hot Buttons
The Scourge of Law Firms: Ransomware That Encrypts Your Data

REMEMBER THE GOOD OLD DAYS of ransomware? You would get an email saying that you owed the IRS money and could pay it via a helpfully included link. Lots of people did this because it was only a few hundred dollars. Now, ransomware is way more sophisticated. For a few hundred dollars, they recall, you could have your data encrypted and lost forever!
Law Firm Pays $2500 to Get Data Back After Ransomware Attack

Thomas Brown of The Brown Firm in Florida was yet another victim of a ransomware attack which encrypted his data, leaving him out of business and without access to his data. The cybercriminals demanded $2500 in bitcoin for the decryption key. The firm said that they had to pay up or lose all their data so they paid up - and got the decryption key.

Since the incident, the firm has improved computer firewalls and replaced passwords with passphrases that are regularly changed, according to the article in the Jacksonville Daily Record. The firm has also installed an isolated server that is used to back up files each day.

The average price to get a decryption key used to be $300-500 - looks like the price tag is on the rise. It might be a whole lot cheaper to make sure your backup is impervious to ransomware so you can tell those who want you to pay a ransom to pound sand.
Law firms held to ransom by cyber criminals

Updated / Sunday, 5 Jun 2016 22:16

In some cases hackers have demanded tens of thousands not to delete all the files on the computer systems
Ransomware in the cloud

The past 12 months have seen a plague of ransomware attacks, with targets including Britain's National Health Service, San Francisco's light-rail network, and big companies such as FedEx. Ransomware is a relatively simple form of malware that breaches defenses and locks down computer files using strong encryption. Hackers then demand money in exchange for digital keys to unlock the data. Victims will often pay, especially if the material encrypted hasn't been backed up.

That's made ransomware popular with criminal hackers, who often demand payment in hard-to-trace

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Connectivity

Six Cyber Threats to Really Worry About in 2018
Right Now
Welcome, Jon Lutz

Control, protect, and secure your account, all in one place

My Account gives you quick access to settings and tools that let you safeguard your data, protect your privacy, and decide how your information can make Google services work better for you.

- **Sign-in & security**
  - Control your password and Google Account access.

- **Personal info & privacy**
  - Manage your visibility settings and the data we use to personalize your experience.

- **Account preferences**
  - Adjust account settings, like payment methods, languages, & storage options.
Manage your account access and security settings

Your Google Account is protected by the most advanced online security. Keeping these settings up-to-date safeguards your account even more.

Security Checkup
Protect your account in just a few minutes by reviewing your security settings and activity.

GET STARTED
Security Checkup

3 issues found

- Your devices
  - Fix 3 issues with your devices

- Recent security activity
  - No events in 28 days

- Sign-in & recovery
  - 4 verification methods

- Third-party access
  - 4 apps with low-risk access to your data

Continue to My Account
4 verification methods

These can be used to make sure it's really you signing in or to reach you if suspicious activity is detected in your account.

- **Phone number**
  (850) 445-

- **Recovery email**
  j GLUTZ@law.fsu.edu

- **Security question**
  mother's maiden name

- **Trusted mobile device**
  Samsung Galaxy S8+
Password & sign-in method

Your password protects your account. You can also add a second layer of protection with 2-Step Verification, which sends a single-use code to your phone for you to enter when you sign in. So even if somebody manages to steal your password, it is not enough to get into your account.

Note: To change these settings, you will need to confirm your password.

Password
Last changed: March 17, 2016

2-Step Verification Off
Recently used devices

Check when and where specific devices have accessed your account.

- Windows
  - CURRENT DEVICE

- Windows
  - 10 minutes ago

- Samsung Galaxy S8+
  - 34 minutes ago

(+2 more)

REVIEW DEVICES
Delete by topic or product

Search by keyword or filter by product, then select Delete results from the more options menu, to delete all matching activity.

TRY IT

Delete by date

Today

After February 22  
Before February 22

All products

DELETE
<table>
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<th>Value</th>
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<td>Name</td>
<td>Jon R. Lutz</td>
</tr>
<tr>
<td>Username</td>
<td><a href="https://www.facebook.com/jon.r.lutz">https://www.facebook.com/jon.r.lutz</a></td>
</tr>
<tr>
<td>Contact Primary</td>
<td><a href="mailto:jlutz@law.fsu.edu">jlutz@law.fsu.edu</a></td>
</tr>
<tr>
<td>Ad account contact</td>
<td><a href="mailto:jlutz@law.fsu.edu">jlutz@law.fsu.edu</a></td>
</tr>
<tr>
<td>Networks</td>
<td>No networks.</td>
</tr>
<tr>
<td>Temperature</td>
<td>Fahrenheit</td>
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</tbody>
</table>

**Manage Account**
Modify your Legacy Contact settings or deactivate your account.

Download a copy of your Facebook data.
Where You’re Logged In

Windows PC · Tallahassee, FL, United States
Chrome · Active now

Android · Tallahassee, FL, United States
Chrome · 8 hours ago

Samsung Galaxy S8+ · Tallahassee, FL, United States
Facebook app · 13 hours ago

Windows PC · Tallahassee, FL, United States
Chrome · 17 hours ago

Samsung Galaxy S8+ · Tallahassee, FL, United States
Facebook app · February 19 at 9:27pm

Samsung Galaxy S8+ · Pierson, FL, United States
Messenger · February 19 at 10:28am

Samsung Galaxy S8+ · Tallahassee, FL, United States
Facebook app · February 17 at 4:20am

Samsung Galaxy S8+ · Tallahassee, FL, United States
Facebook app · February 14 at 12:15am
Change password
It's a good idea to use a strong password that you're not using elsewhere

Log in with your profile picture
Tap or click your profile picture to log in, instead of using a password

Next time you log in on this browser, just click your profile picture instead of typing a password.

Turn on profile picture login
Use your profile picture instead of typing a password to log in on this browser.
Setting Up Extra Security

Get alerts about unrecognized logins
On • We’ll let you know if anyone logs in from a device or browser you don’t usually use

Use two-factor authentication
Log in with a code from your phone as well as a password

Choose 3 to 5 friends to contact if you get locked out
Your trusted contacts can send a code and URL from Facebook to help you log back in
### Privacy Settings and Tools

#### Your Activity
- **Who can see your future posts?**
  - **Friends**
- **Review all your posts and things you're tagged in**
- **Limit the audience for posts you've shared with friends of friends or Public?**
  - **Limit Past Posts**

#### How People Find and Contact You
- **Who can send you friend requests?**
  - **Everyone**
- **Who can see your friends list?**
  - **Friends**
- **Who can look you up using the email address you provided?**
  - **Everyone**
- **Who can look you up using the phone number you provided?**
  - **Everyone**
- **Do you want search engines outside of Facebook to link to your profile?**
  - **Yes**
## Timeline and Tagging Settings

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Setting</th>
<th>Edit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who can post on your timeline?</td>
<td>Only me</td>
<td></td>
</tr>
<tr>
<td>Who can see what others post on</td>
<td>Friends</td>
<td></td>
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<tr>
<td>your timeline?</td>
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<table>
<thead>
<tr>
<th>Tagging</th>
<th>Setting</th>
<th>Edit</th>
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</thead>
<tbody>
<tr>
<td>Who can see posts you're tagged</td>
<td>Friends</td>
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<td>in on your timeline?</td>
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<td>When you're tagged in a post,</td>
<td>Friends</td>
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<td>who do you want to add to the</td>
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<td>audience of the post if they can't</td>
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<td>already see it?</td>
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<td>Review posts you're tagged in</td>
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<td>before the post appears on your</td>
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<td>timeline?</td>
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<td>Review what other people see on</td>
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<td>your timeline</td>
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<td>Review tags people add to your</td>
<td>On</td>
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<td>posts before the tags appear on</td>
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<td>Facebook?</td>
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<tr>
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<td>Description</td>
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</tr>
<tr>
<td><strong>Restricted List</strong></td>
<td>When you add a friend to your Restricted List, they won't see posts on Facebook that you share only to Friends. They may still see things you share to Public or on a mutual friend's timeline, and posts they're tagged in. Facebook doesn't notify your friends when you add them to your Restricted List. <a href="#">Learn more</a>.</td>
<td></td>
</tr>
<tr>
<td><strong>Block users</strong></td>
<td>Once you block someone, that person can no longer see things you post on your timeline, tag you, invite you to events or groups, start a conversation with you, or add you as a friend. Note: Does not include apps, games or groups you both participate in. The section includes a form allowing you to add a name or email to block.</td>
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<tr>
<td><strong>Block messages</strong></td>
<td>If you block messages and video calls from someone here, they won't be able to contact you in the Messenger app either. Unless you block someone's profile, they may be able to post on your timeline, tag you, and comment on your posts or comments. <a href="#">Learn more</a>.</td>
<td></td>
</tr>
<tr>
<td><strong>Block app invites</strong></td>
<td>Once you block app invites from someone, you'll automatically ignore future app requests from that friend. To block invites from a specific friend, click the &quot;Ignore All Invites From This Friend&quot; link under your latest request. The section includes a form allowing you to type the name of a friend to block.</td>
<td></td>
</tr>
<tr>
<td><strong>Block event invites</strong></td>
<td>Once you block event invites from someone, you'll automatically ignore future event requests from that friend. The section includes a form allowing you to type the name of an event to block.</td>
<td></td>
</tr>
</tbody>
</table>
Face Recognition Settings

To recognize whether you're in a photo or video our system compares it with your profile picture, and photos and videos that you're tagged in. This lets us know when you're in other photos and videos so we can create better experiences. Learn more.

<table>
<thead>
<tr>
<th>Face Recognition</th>
<th>Do you want Facebook to be able to recognize you in photos and videos?</th>
<th>Yes</th>
<th>Edit</th>
</tr>
</thead>
</table>
Logged in with Facebook

On Facebook, your name, profile picture, cover photo, gender, networks, username, and user id are always publicly available to both people and apps. Learn why. Apps also have access to your friends list and any information you choose to make public.
What’s Your Web Identity
WHAT DO YOU HAVE ON THE WEB?

Caption: “Drunken Pirate”
THE END OF FORGETTING

MUGGLED IN SPAIN

• Hacked by James Fallows
# The Best Antivirus Protection of 2018 PC Magazine – For Windows

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**Editors’ Choice**
<table>
<thead>
<tr>
<th>Product</th>
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<th>Editors' Rating</th>
<th>Rating</th>
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<tr>
<td>Avast Free Antivirus 2017</td>
<td>$0.00 MSRP</td>
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<td>★★★☆☆</td>
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<tr>
<td>AVG Antivirus Free (2017)</td>
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<td>★★★☆☆</td>
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<tr>
<td>Bitdefender Antivirus Free Edition (2017)</td>
<td>$0.00 MSRP</td>
<td>★★★★☆</td>
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<tr>
<td>Check Point ZoneAlarm Free Antivirus 2017</td>
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<td>★★★★☆</td>
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<tr>
<td>Kaspersky Free</td>
<td>$0.00 MSRP</td>
<td>★★★★☆</td>
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<tr>
<td>Sophos Home Free</td>
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<tr>
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The best free antivirus protection of 2018 PC Magazine for Windows.
<table>
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<tr>
<td>McAfee AntiVirus Plus (for Mac)</td>
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<tr>
<td>Bitdefender Antivirus for Mac</td>
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<td>★★★★★</td>
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<tr>
<td>Kaspersky Internet Security for Mac</td>
<td>$19.99</td>
<td>★★★★★</td>
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<tr>
<td>Symantec Norton Security Deluxe (for Mac)</td>
<td>$39.99</td>
<td>★★★★★</td>
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<tr>
<td>Webroot SecureAnywhere Antivirus (for Mac)</td>
<td>$18.99</td>
<td>★★★★★</td>
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<tr>
<td>Trend Micro Antivirus for Mac</td>
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<tr>
<td>ESET Cyber Security (for Mac)</td>
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<td>Intego Mac Internet Security X9</td>
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<tr>
<td>ClamXav (for Mac)</td>
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<td>★★★★★</td>
</tr>
<tr>
<td>ProtectWorks AntiVirus (for Mac)</td>
<td>$44.99</td>
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## Free Mac Antivirus Software

<table>
<thead>
<tr>
<th>Rank</th>
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<td>Total AV</td>
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<td>FREE</td>
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<tr>
<td>2</td>
<td>ScanGuard</td>
<td>★★★★☆☆☆☆☆☆☆☆☆</td>
<td>★★★★★☆☆☆☆☆</td>
<td>FREE</td>
</tr>
<tr>
<td>3</td>
<td>McAfee</td>
<td>★★★★☆☆☆☆☆☆☆☆☆</td>
<td>★★★★☆☆☆☆☆☆☆</td>
<td>$44.99</td>
</tr>
</tbody>
</table>

- **Total AV**: AntiVirus 2018, Fast & Simple to Use, Removes Malware, Adware, Spyware. [Read Review](link)
- **ScanGuard**: Security Suite, Scans and removes viruses, adware, spyware and malware. Includes free speed boost tools, all round great product. [Read Review](link)
- **McAfee**: An Intel Company, Trusted Anti-Virus for all major devices. McAfee are fairly expensive. [Read Review](link)
### SOPHOS Home

**Free**
- Real-Time Antivirus
  - Protects against known viruses, malware, Trojans, worms, bots, potentially unwanted apps (PUAs), ransomware, and more
- Parental Web Filtering
  - Allows you to control the content your children can view

**Premium**
- Real-Time Antivirus
- Parental Web Filtering

[Download Now](#)  [Buy Now](#)
MALWAREBYTES FOR WINDOWS

YOUR FIRST LINE OF DEFENSE AGAINST VIRUSES

It's the cybersecurity you've been looking for.

FREE DOWNLOAD  BUY NOW
Malwarebytes
FREE
Complements antivirus

$0

Malwarebytes Premium
FOR HOME
Replaces antivirus

$59.99 per year
3 devices, billed $20.00/device
SAVE 50%

Malwarebytes Premium
FOR TEAMS
Secures small offices, teams, startups

$124.99 per year
5 devices, billed $25.00/device

Device count
- 3 +

Device count
5 10 20

DOWNLOAD NOW

BUY NOW

Available for 1 to 10 devices
Available for 5, 10, 20 devices

Works for any (mix & match)
Works for any (mix & match)

Windows
Windows, Mac, Android
Windows, Mac, Android
# The Best Android Antivirus Apps of 2018

**PC Magazine**

<table>
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<tr>
<th>Product</th>
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<td>$29.99</td>
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<tr>
<td>Trend Micro Maximum Security</td>
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<td>AVG Internet Security - Unlimited (2017)</td>
<td>$51.99</td>
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<td>ESET Multi-Device Security Pack</td>
<td>$79.99</td>
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<tr>
<td>BullGuard Internet Security</td>
<td>$29.97</td>
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</tbody>
</table>

**SEO Keywords**: Android antivirus, best apps, 2018, security, mobile, phone, devices, protection.
ANTIVIRUS FOR IPHONE
Why Apple iPhones Don't Need Antivirus Software

by HENRY T. CASEY Dec 14, 2017, 6:30 AM

You've been conditioned to believe every device needs antivirus software, but that isn't true for Apple's iPhones and iPads. While many security companies offer products that support the iPhone, they're not really antivirus software; Apple has made sure that you don't need it.
LOCK OR WIPE
Find My iPhone

Apple

Free
Document Security
Librarian Meeting

Protect Document
Control what types of changes people can make to this document.

Inspect Document
Before publishing this file, be aware that it contains:
- Document properties and author's name
- Content that people with disabilities find difficult to read

Manage Document
Check in, check out, and recover unsaved changes.
- There are no unsaved changes.

Properties
- Size: 17.3KB
- Pages: 3
- Words: 670
- Total Editing Time: 105 Minutes
- Title: Add a title
- Tags: Add a tag
- Comments: Add comments

Related Dates
- Last Modified: 11/9/2017 3:16 PM
- Created: 11/9/2017 1:29 PM

Related People
- Author: Jon Lutz
- Last Modified By: Jon Lutz
New Books

H: » My Documents » docs

Protect Document
Control what types of changes people can make to this document.

Inspect Document
Before publishing this file, be aware that it contains:
- Document properties, author's name and related dates
- Headers
- Content that people with disabilities are unable to read

Manage Document
Check in, check out, and recover unsaved changes.
- There are no unsaved changes.
Document Properties and Personal Information
- Inspects for hidden metadata or personal information saved with the document.

Task Pane Add-ins
- Inspects for Task Pane add-ins saved in the document.

Embedded Documents
- Inspects for embedded documents, which may include information that's not visible in the file.

Macros, Forms, and ActiveX Controls
- Inspects for macros, forms, and ActiveX controls.

Collapsed Headings
- Inspects the document for text that has been collapsed under a heading.

Custom XML Data
- Inspects for custom XML data stored with this document.

Headers, Footers, and Watermarks
- Inspects the document for information in headers, footers, and watermarks.

Invisible Content
- Inspects the document for objects that are not visible because they have been formatted as invisible. This does not include objects that are covered by other objects.

Hidden Text
- Inspects the document for text that has been formatted as hidden.
Review the inspection results.

- **Comments, Revisions, Versions, and Annotations**
  No items were found.

- **Document Properties and Personal Information**
  The following document information was found:
  * Document properties
  * Author

- **Task Pane Add-ins**
  We did not find any Task Pane add-ins.

- **Embedded Documents**
  No embedded documents were found.

- **Macros, Forms, and ActiveX Controls**
  No macros, forms, or ActiveX controls were found.

- **Collapsed Headings**
  No collapsed headings were found.

- **Custom XML Data**
  No custom XML data was found.

**Note:** Some changes cannot be undone.

[Reinspect]  [Close]

Security Method: No Security
Can be Opened by: Adobe Experience Manager Document Security

Document Restrictions Summary:
- Printing: Allowed
- Changing the Document: Allowed
- Document Assembly: Allowed
- Content Copying: Allowed
- Content Copying for Accessibility: Allowed
- Page Extraction: Allowed
- Commenting: Allowed
- Filling of form fields: Allowed
- Signing: Allowed
- Creation of Template Pages: Allowed
Document Open

- [ ] Require a password to open the document

  Document Open Password: [redacted]

No password will be required to open this document.

Permissions

- [ ] Restrict editing and printing of the document. A password will be required in order to change these permission settings.

  Printing Allowed: None

  Changes Allowed: None

- [ ] Enable copying of text, images, and other content

Options

- [ ] Encrypt all document contents
- [ ] Encrypt all document contents except metadata (Acrobat 6 and later compatible)
- [ ] Encrypt only file attachments (Acrobat 7 and later compatible)

All contents of the document will be encrypted and search engines will not be able to access the document's metadata.

Change Permissions Password: [redacted]
Passwords
The Day the Earth Stood Still (1951)

Approved | 1h 32min | Drama, Sci-Fi | 28 September 1951 (USA)
PASSWORD CRACKING SOFTWARE

• The process of recovering lost passwords
• Administrators may use to check security
• Others might use to gain unauthorized access
I measured how long it takes to crack them using a password cracking program, John the Ripper, with an out-of-the-box configuration running on a normal, two-year-old laptop. The times are rounded to the nearest second:

<table>
<thead>
<tr>
<th>Password</th>
<th>Time to crack (Day:Hour:Min:Sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>abc123</td>
<td>00:00:00</td>
</tr>
<tr>
<td>trustno1</td>
<td>00:00:00</td>
</tr>
<tr>
<td>ncc1701</td>
<td>00:00:00</td>
</tr>
<tr>
<td>iloveyou!</td>
<td>00:00:00</td>
</tr>
<tr>
<td>primetime21</td>
<td>00:00:00</td>
</tr>
</tbody>
</table>

They were all cracked instantly, before the first second was up. And I was doing it the slow way – a dedicated password cracker would use proper equipment.

https://nakedsecurity.sophos.com/2015/03/02/why-you-cant-trust-password-strength-meters/
Graphics processors can speed up password cracking by a factor of 50 to 100 over general purpose computers. As of 2011, available commercial products claim the ability to test up to 2,800,000,000 passwords a second on a standard desktop computer using a high-end graphics processor.[9]

Such a device can crack a 10 letter single-case password in one day. The work can be distributed over many computers for an additional speedup proportional to the number of available computers with comparable GPUs. [citation needed]
BETTER PASSWORDS

• 12 Character Minimum

• Use numbers, caps, symbols

• Substitutions ok, but not a big help (Passw0rd) (S3cret)

• Do not use just one word

• Can mix words, languages, symbols: LawDroit18!

• 4!geNieowWJk*ljkdp&PIJO (but keystroke capture)

• Use a sentence (some products accept spaces)
  • But not one that makes grammatical sense

• Or use the first letter of a sentence
The Best Free Password Managers of 2018

Yes, a password like '123456' is easy to remember, but it's equally easy to guess or hack. These seven top-rated free apps can help you manage strong, unique passwords for every secure site you use.
Simplify your life.

LastPass remembers all your passwords, so you don't have to.

Get LastPass Free

Upgrade to Premium for Just $2/Month
LASTPASS

- Strong Encryption
- Password Generator
- Device Decrypts
- Chrome app
- Android app
- IOS
- Adds password

- Works across devices
- Adds login and pw for you
- Two Step Authenticator
- Unique Passwords
Security

Lock LastPass automatically

Lock when app is idle
After 5 minutes

Lock when screen is turned off

Use fingerprint to unlock

PIN code

Log in

Check session when app is activated

Skip reprompt after log in
For 1 minutes

Log out when app is idle
Never log out

More options

Allow screenshots of this app

Allow offline access
<table>
<thead>
<tr>
<th></th>
<th>Your Security Score</th>
<th>Your LastPass Standing</th>
<th>Master Password Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>52%</td>
<td></td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Top 46%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>57%</td>
<td></td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Top 41%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Step</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-----------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Change Compromised Passwords</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Change Weak Passwords</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Change Reused Passwords</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Change Old Passwords</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Storage
THE BEST CLOUD STORAGE AND FILE-SHARING SERVICES OF 2018 – PC MAGAZINE
Cloud Computing

FREQUENTLY ASKED QUESTIONS

- Choosing a Cloud Storage Provider
- Do I have to have a physical office?
- How can I safely share files with a client over the internet?
- What do I need to know about keeping my network secure?
- I am interviewing cloud providers. What questions should I ask?
The main concern regarding cloud computing relates to confidentiality. Lawyers have an obligation to maintain as confidential all information that relates to a client’s representation, regardless of the source. Rule 4-1.6, Rules Regulating The Florida Bar. A lawyer may not voluntarily disclose any information relating to a client’s representation without either application of an exception to the confidentiality rule or the client’s informed consent. Id. A lawyer has the obligation to ensure that confidentiality of information is maintained by nonlawyers under the lawyer’s supervision, including nonlawyers that are third parties used by the lawyer in the provision of legal services. See, Florida Ethics Opinion 07-2 and 10-2.
FLORIDA BAR PRACTICE RESOURCE INSTITUTE
WHAT YOU SHOULD KNOW ABOUT FOG COMPUTING

What You Should Know About Fog Computing
Browsers
Private Browsing with Tracking Protection

When you browse in a Private Window, Firefox does not save:

- visited pages
- searches
- cookies
- temporary files

Firefox will save your:

- bookmarks
- downloads

Private Browsing doesn’t make you anonymous on the Internet. Your employer or Internet service provider can still know what page you visit.

Tracking Protection

Some websites use trackers that can monitor your activity across the Internet. With Tracking Protection, Firefox will block many trackers that can collect information about your browsing behavior.

See how it works

Learn more about Private Browsing
You’ve gone incognito

Now you can browse privately, and other people who use this device won’t see your activity. However, downloads and bookmarks will be saved. Learn more

Chrome won’t save the following information:
• Your browsing history
• Cookies and site data
• Information entered in forms

Your activity might still be visible to:
• Websites you visit
• Your employer or school
• Your internet service provider
Firefox Focus is a privacy-focused browser from Mozilla, available for the Apple iPhone, iPad, iPod touch mobile devices and Android smartphones and tablets. [Wikipedia]

**Engine:** Blink on Android, WebKit on iOS

**Initial release:** November 17, 2016; 14 months ago

**License:** MPL

**Developed by:** Mozilla Corporation, Mozilla Foundation
Your data shouldn’t be for sale. At DuckDuckGo, we agree.

1. Block advertising trackers.
2. Keep your search history private.
3. Take control of your personal data.

Add DuckDuckGo to Chrome
What is Tor Browser?

The Tor software protects you by bouncing your communications around a distributed network of relays run by volunteers all around the world: it prevents somebody watching your Internet connection from learning what sites you visit, it prevents the sites you visit from learning your physical location, and it lets you access sites which are blocked.

Tor Browser lets you use Tor on Microsoft Windows, Apple MacOS, or GNU/Linux without needing to install any software. It can run off a USB flash drive, comes with a pre-configured web browser to protect your anonymity, and is self-contained (portable).

Installation Instructions
Microsoft Windows • Apple MacOS • GNU/Linux
MAR 7 COST-EFFECTIVE LEGAL RESEARCH
Instructor AMY LIPFORD

Attend this workshop to get a better understanding of how and when to use free or low-cost resources for your job or internship.