



May 11, 2016





Expert advice for Windows users

- Expert advice for Windows users
- IVYBD is coming!!

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- A Printing & Scanning Extravaganza!

Expert Advice

from The Dark Side

```
From: Steve
 Date: May 8, 2016 at 10:27:50 AM CDT
To: Steve Subject: FW: The occasional newsletter from Steve you're computer tech...
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- Research best practices & best tools
- Don't lecture on things we know nothing about
- Demonstrate and explain as clearly as we can

"If you listen too much to advice, you may wind up making other people's mistakes."

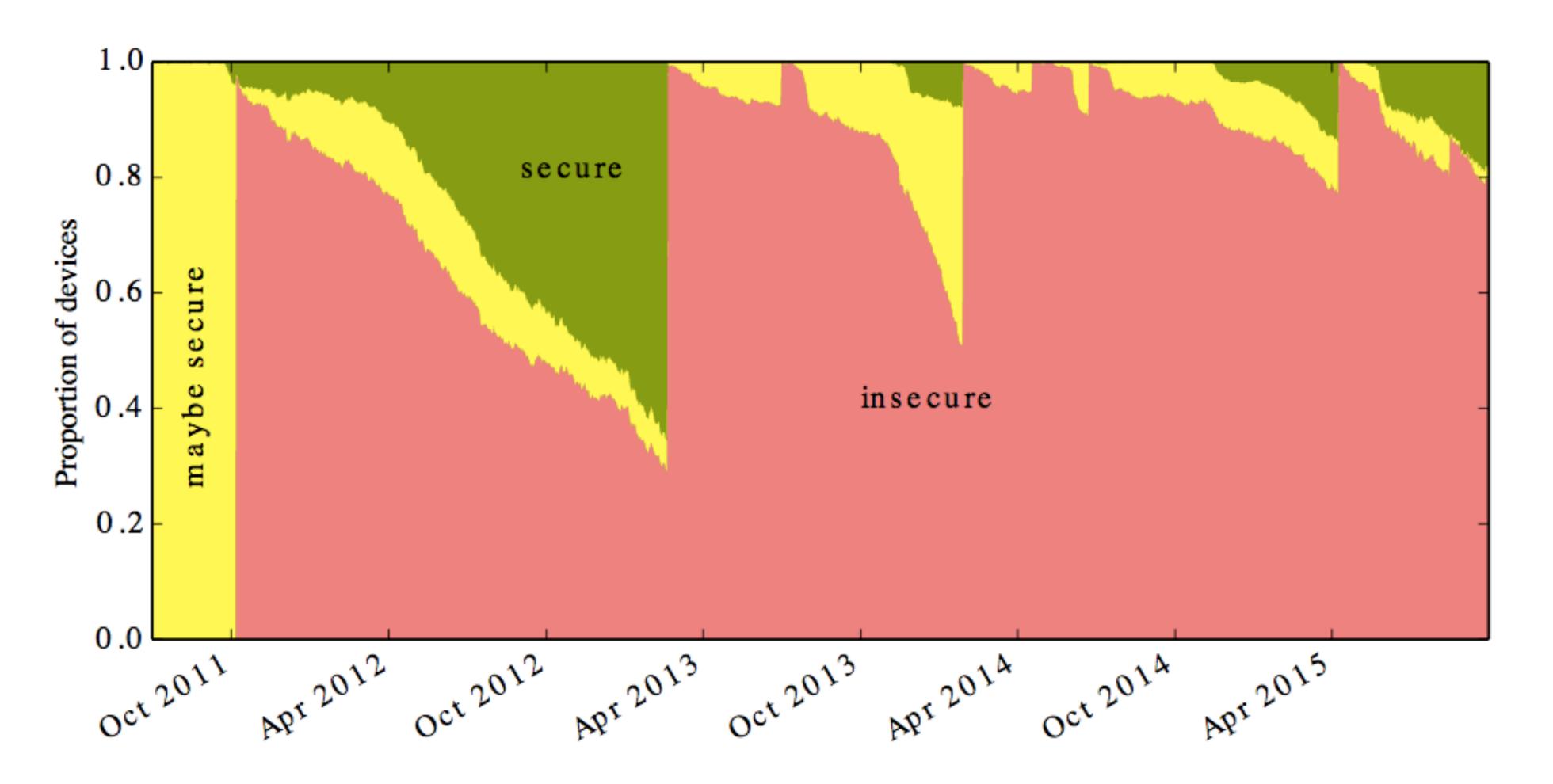
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- We benefit from security enhancements, advanced technology, new features — and all we have to do is tap "Install"

Android's Fragmentation Problem

Proportion of devices running vulnerable versions of Android



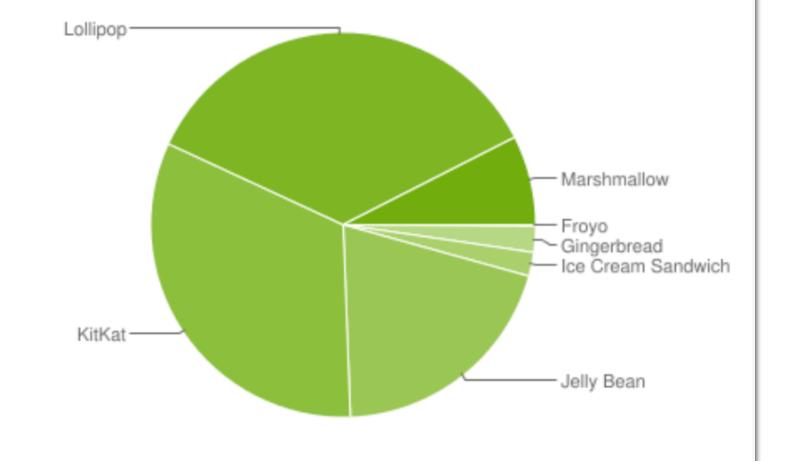
Android's Fragmentation Problem

Platform Versions

This section provides data about the relative number of devices running a given version of the Android platform.

For information about how to target your application to devices based on platform version, read Supporting Different Platform Versions.

Version	Codename	API	Distribution
2.2	Froyo	8	0.1%
2.3.3 - 2.3.7	Gingerbread	10	2.2%
4.0.3 - 4.0.4	Ice Cream Sandwich	15	2.0%
4.1.x	Jelly Bean	16	7.2%
4.2.x		17	10.0%
4.3		18	2.9%
4.4	KitKat	19	32.5%
5.0	Lollipop	21	16.2%
5.1		22	19.4%
6.0	Marshmallow	23	7.5%



source: developer.android.com 5/10/2016

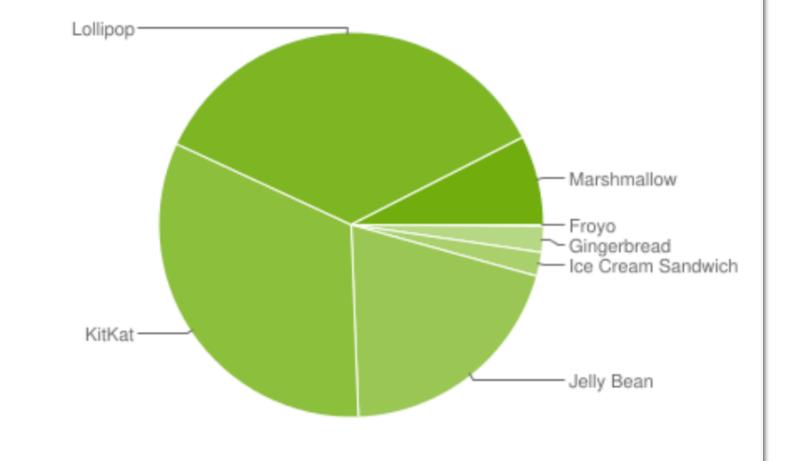
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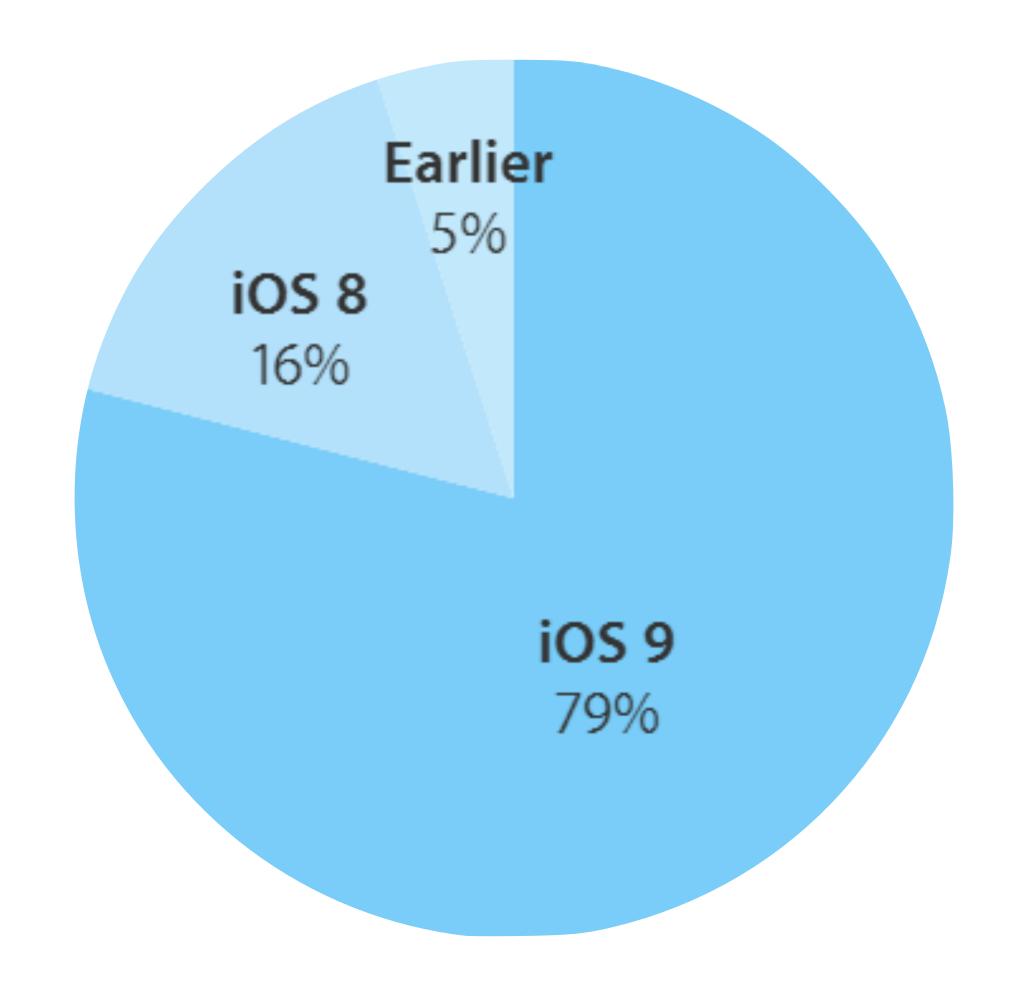
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4.1.x	Jelly Bean	16	7.2%
4.2.x		17	10.0%
4.3		18	2.9%
4.4	KitKat	19	32.5%
5.0	Lollipop	21	16.2%
5.1		22	19.4%
6.0	Marshmallow	23	7.5%



Vast majority of Android users are **SEVERAL VERSIONS** behind, and likely will *never* update

source: developer.android.com 5/10/2016

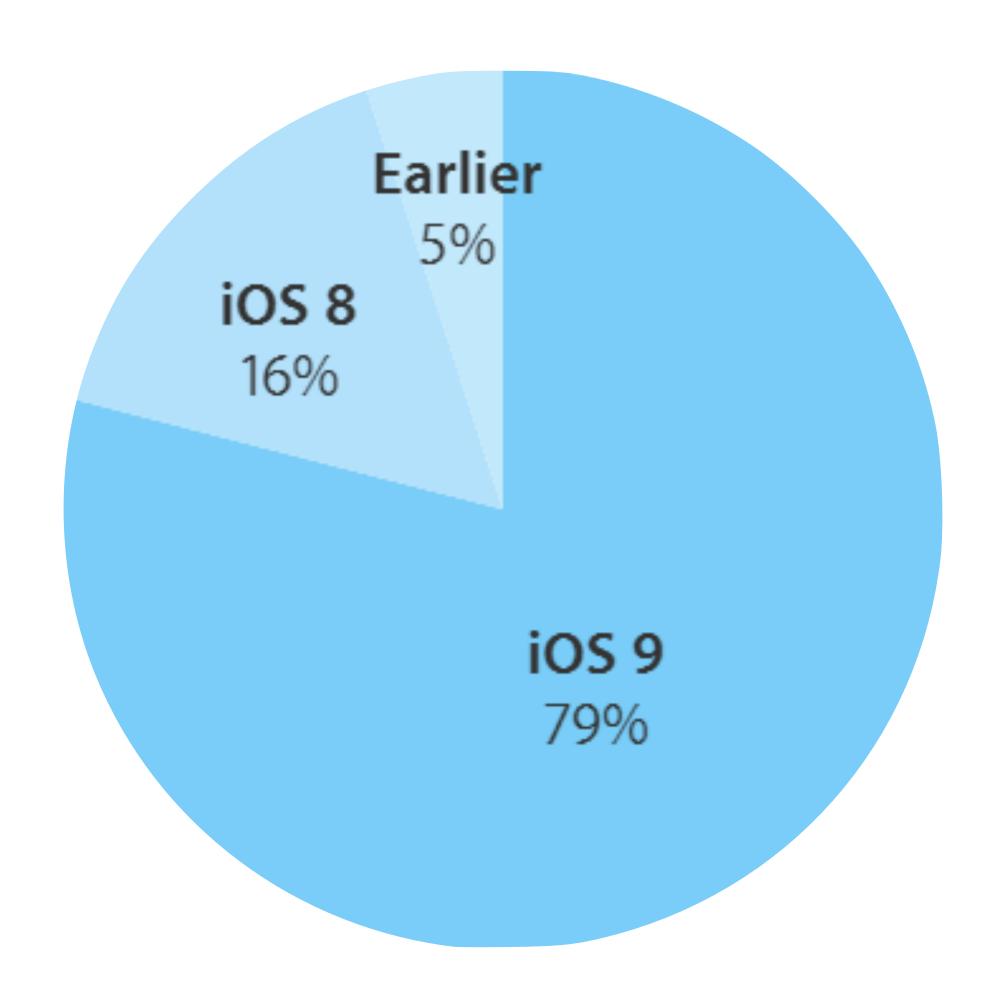
Meanwhile, in iOS Land



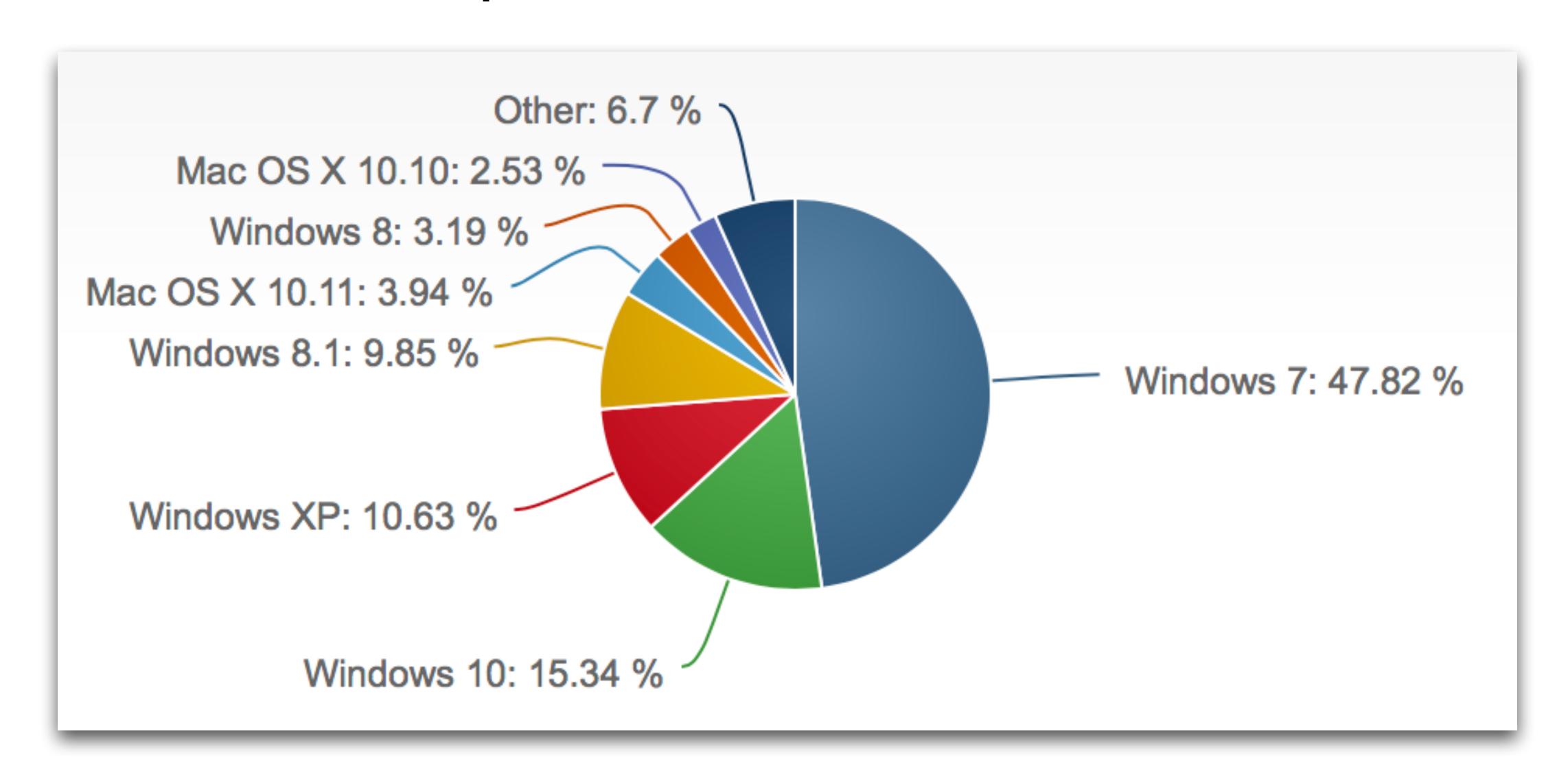
Meanwhile, in iOS Land

Vast majority of iOS users are on the current version

iOS adoption ramps are quick and wide



Desktop OS Installed Share



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Enough on that...

You may have heard of the millions of email address that have been recently stolen.

272 million unique email addresses have been stolen...40 million from Yahoo, 33 million from Hotmail/Outlook and 24 million from Gmail...the

CHANGE YOUR EMAIL PASSWORD ASAP...

Let's avoid the possibility of your email address getting hacked... Each email site has their own requirements for password complexity... Usually when changing a password there will be a small block next to the line where you enter the new password telling the minimum number of characters etc...follow those guidelines.

Use lower case, capital letters, numbers and special characters like % #,* etc...the longer the password the better...go for 14 characters or more. and make sure it does

NOT spell any word you can find in a dictionary... I consider this to be a very important thing to do.

WRITE OUT THE NEW PASSOWRD IT IN A WORD DOCUMENT IN LARGE BOLD LETTERS...print it out and keep it someplace where you can get to it easily.

Beefeater25 is NOT a good password...8Un66p@ev2%aFG39 is a VERY good password...

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That's it for now...will try to do another newsletter this fall...

As always...if you need, call...J

Steve -

314-

Certified Microsoft

- "Advice" newsletter sent to Windows consulting clients
- Forwarded to me by good friend and Cove Apple Club member Gene Kiernan, who "came over" from The Dark Side about 4 years ago, thanks to Cove Apple Club.
- The sender claims to be:
 - Microsoft Certified Professional IT Consultant
 - Dell Certified
 - Lenovo Certified
 - HP Certified

Date: May 8, 2016 at 10:27:50 AM CDT

Subject: FW: The occasional newsletter from Steve _____you're computer tech..

This email is mostly about Windows 10..

Most of you received an email I sent out last year in August, Windows 10 had come out and I wanted everyone to wait until at least after the first of the year to consider moving to Windows 10...Every time Microsoft brings out a new operating system, there are always problems...and I wanted to wait at least 5-6 months before installing it...

I have tested it, worked with it on some client's computers and I can now say that.

there is no significant reason to move to Windows 10...Windows 7 is going to be around for at least 5 more years...(that time will depend on how quickly large businesses move to Windows 10)...and right now there is not noticeable movement.

And if you have Windows 8...this will also be around for about 5 more years.

If you really do not like Windows 8...then we can justify upgrading to Windows 10...

BUT...before you do that...talk to me first...there are some do's and don'ts you should be aware of...

The best situation is to wait until you are ready for a new computer.

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Then get Windows 10...

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Professional IT Consultan

Let's read it, shall we?

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Observation: Windows 7 was released on October 22, 2009 — six years ago.

By the time this Expert says Windows 7 will be deprecated, your OS version will be **11** years old.

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Observation: This Expert recommends that you do not even **try** to upgrade to Windows 10.

Ever.

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Back in Chicago, where I come from, we call this a **shakedown**.

Nice little Windows machine you got there.

Be a **REAL SHAME** if anything **BAD** happened to it.

Like if it got **upgraded** to Windows 10.

But there's MORE!

Enough on that...

You may have heard of the millions of email address that have been recently stolen...

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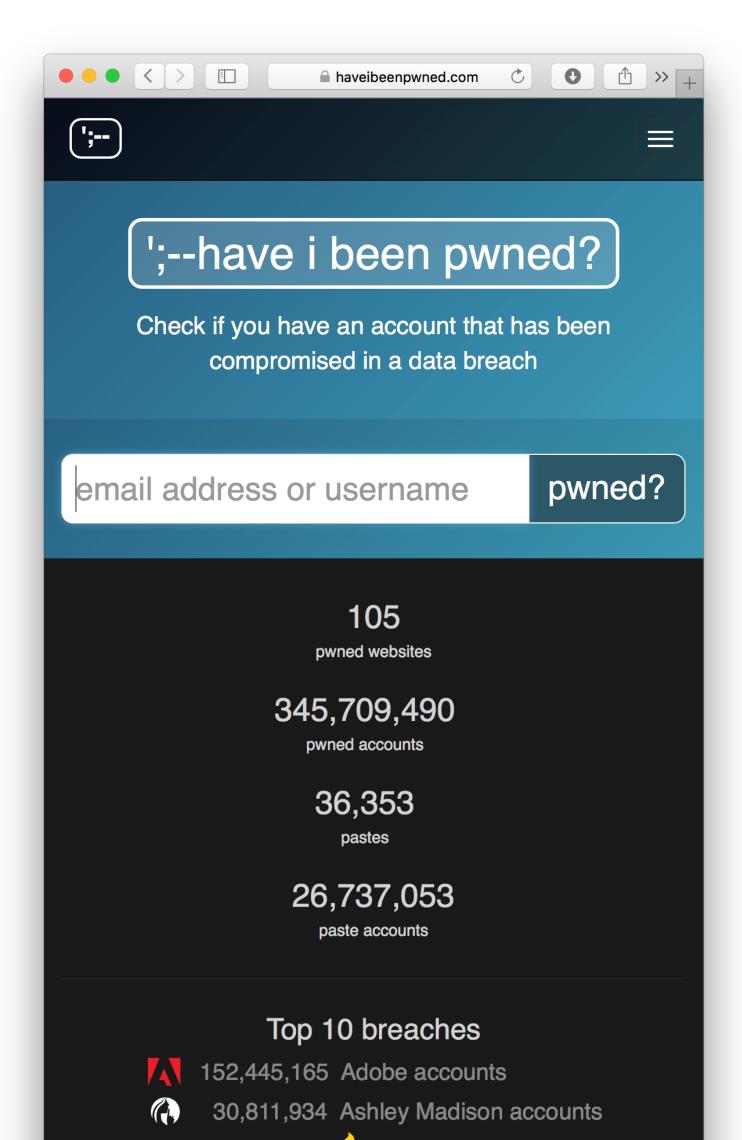
Advice on email passwords from a Windows / PC Expert

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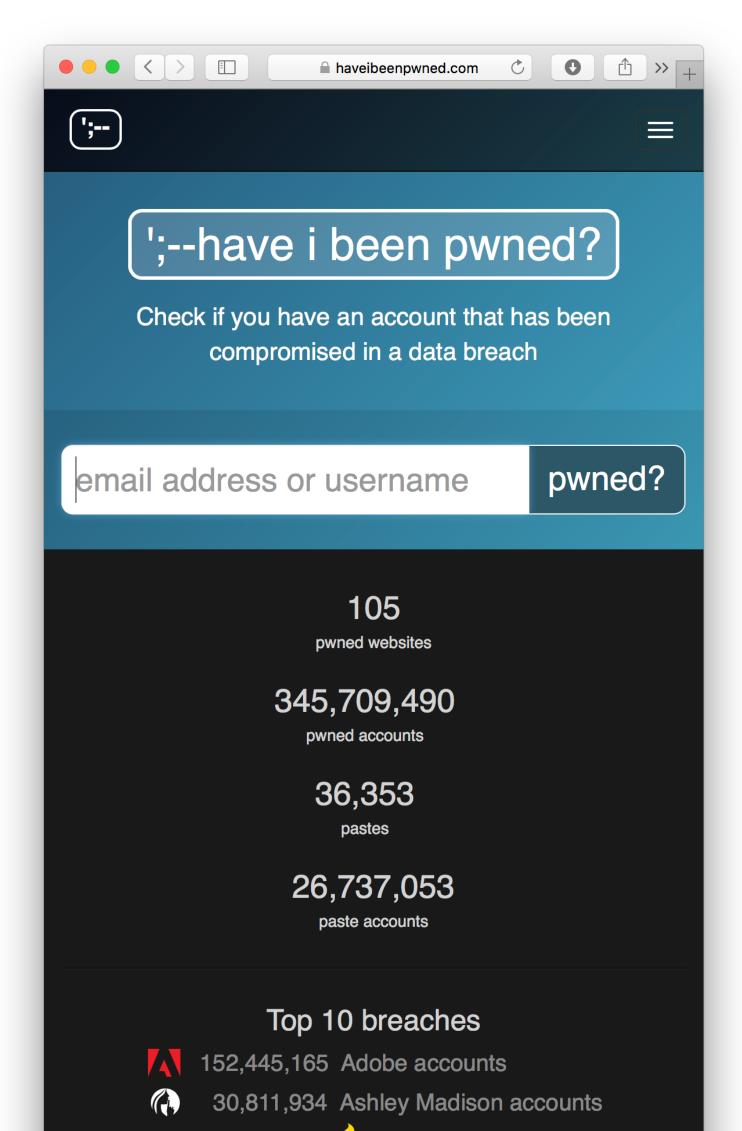
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Mike asks,

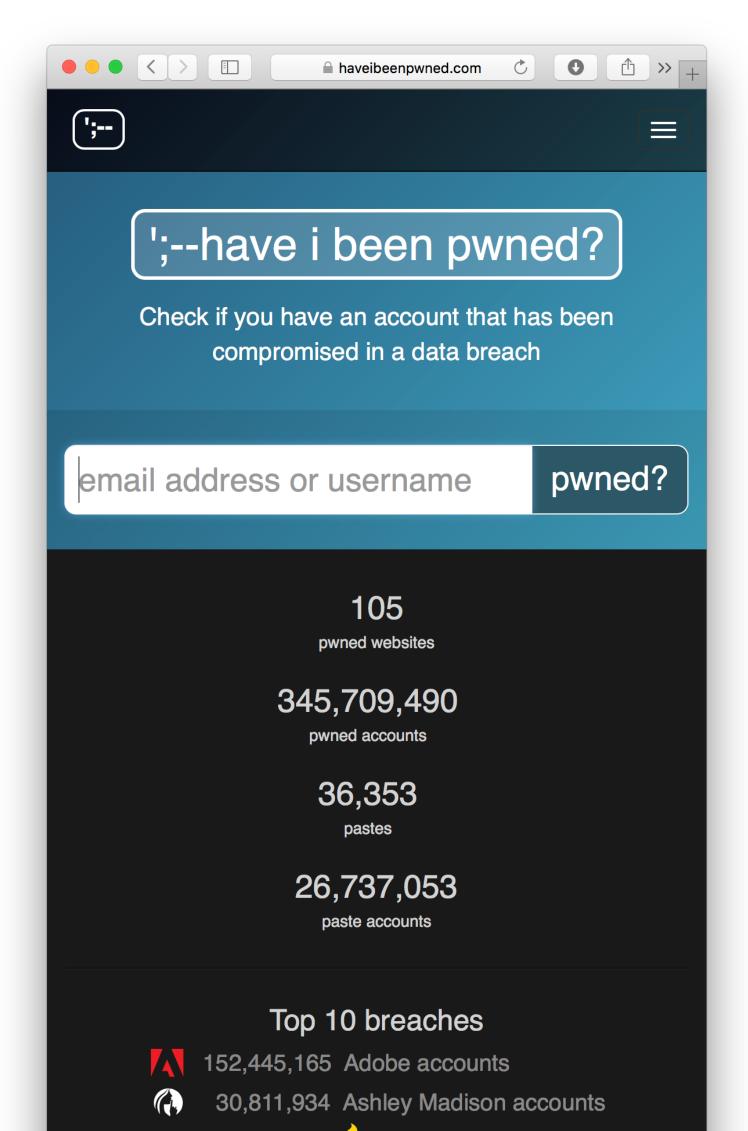
"Is this true?"



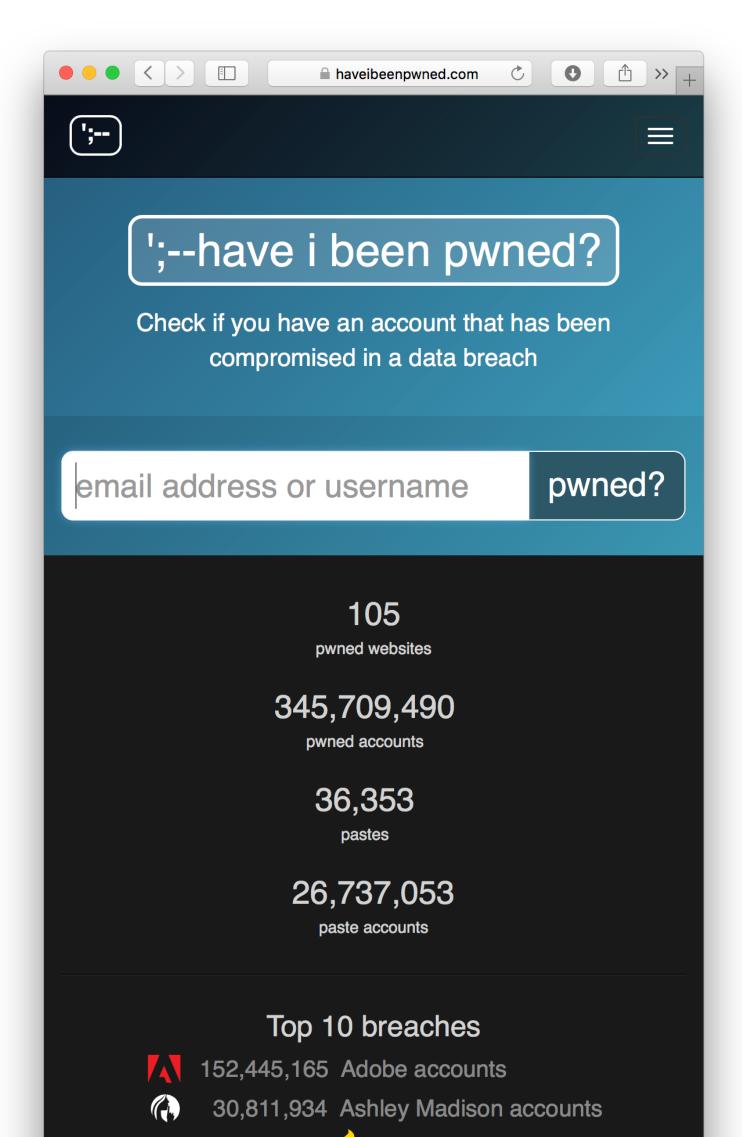
 haveibeenpwned.com — Collects and tracks large-scale account breaches



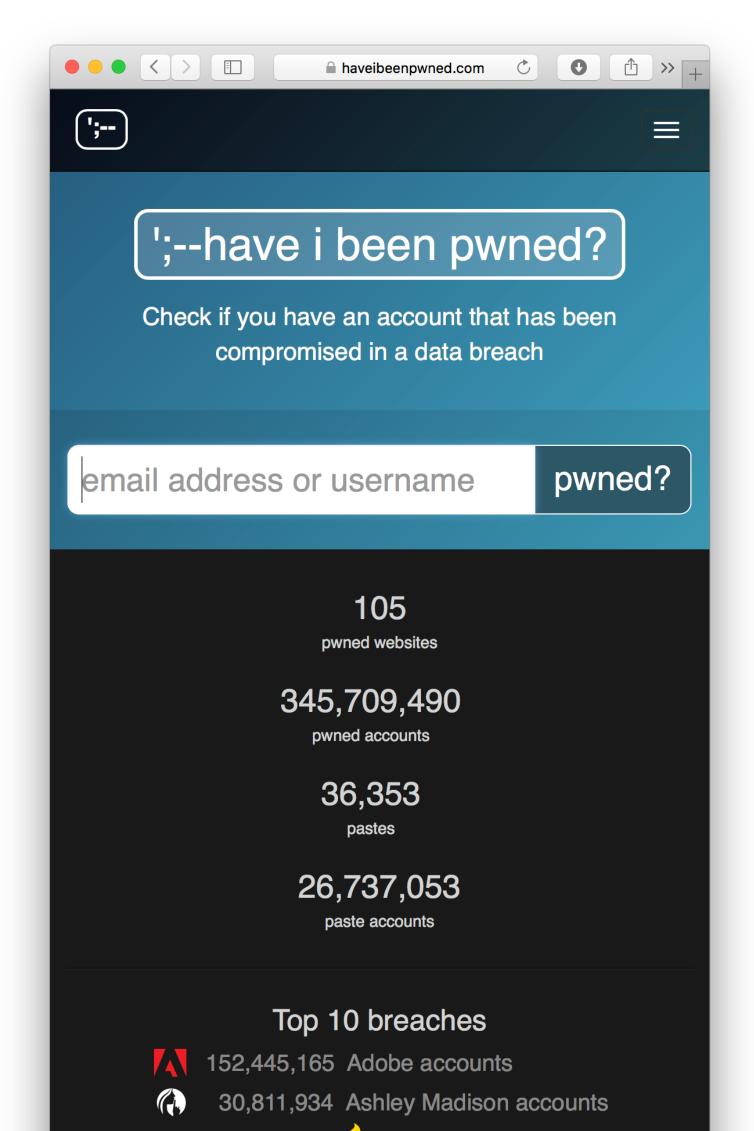
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- Free, run by a well-respected Microsoft research executive focusing on cybersecurity



105

pwned websites

345,709,490

pwned accounts

36,353

pastes

26,737,053

paste accounts

Top 10 breaches



152,445,165 Adobe accounts



30,811,934 Ashley Madison accounts



HavelBeenPwned reports:

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• 453,427 Yahoo "Voice" users, *not* email - off by 100%

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- 4,789,599 Gmail/BitCoin ".ru" accounts, not email accounts off by 100%

The Worst

Site / Operator	Year	Compromised Accounts
Adobe Systems	2013	152 Million
Heartland Payment Systems	2008-2009	130 Million
Target Stores	2013	110 Million
Sony PlayStation Network	2011	102 Million
Anthem Healthcare	2015	69 Million
US Government Office of Personnel Management	2015	50+ Million
Home Depot	2013	50 Million
TJX Companies	2011	46 Million

OK, we get it.

What's some good advice about protecting your passswords?

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Use lower case, capital letters, numbers and special characters like %,#,* etc...the longer the password the better...go for 14 characters or more...and make sure it does NOT spell any word you can find in a dictionary...I consider this to be a very important thing to do...

Sounds good!

Any suggestions on how to manage those difficult passwords?

WRITE OUT THE NEW PASSOWRD [sic] IT [sic] IN A WORD DOCUMENT IN LARGE BOLD LETTERS...print it out and keep it someplace where you can get to it easily...

Uh-oh.

Beefeater25 is NOT a good password...

8Un66p@ev2%aFG39 is a VERY good password...

Does anyone see any potential problems with this approach?

Just a few I can think of...

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Although "8Un66p@ev2%aFG39" may be a very good password, there
is ZERO chance you are going to type it in correctly 20 times a day, or
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- Although "8Un66p@ev2%aFG39" may be a very good password, there
 is ZERO chance you are going to type it in correctly 20 times a day, or
 even ONCE
- Let's not even *talk* about *PRINTING OUT* our passwords on paper and keeping it "*someplace where you can get to it easily...*"

 Storing passwords in an unencrypted Word document (or any other kind of document) opens you up to a world of hurt:

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 - Computer failure = lose everything
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 - You trash the document = you are stuffed
 - But it makes things nice and easy for anyone who has physical access to your machine

What if you're not at home / don't have access to the document?

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- You still have to copy-and-paste User IDs & passwords into web pages, login forms, etc.

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- Does not protect against shoulder surfing or key loggers
- It's just the wrong wrong wrong wrong tool for the job



1Password

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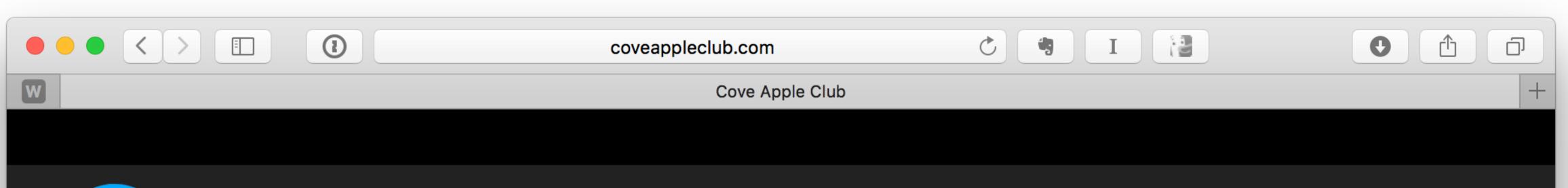
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- And that is all we need to know about why all of those companies are in the trouble they are in today...

Support the Cove Apple Club





HOME

MEETINGS



SHARE. LEARN. LAUGH!

Join **over 100 Cypress Cove residents and members** in the Cove Apple Club, and you'll learn more and get a lot more fun and productivity out of all your Apple gear!

We meet twice a month, year-round. Check our <u>upcoming meeting schedule</u> and plan to join us at our next meeting!

If you're new to the world of Apple, an old Machead from years back, or even a frustrated Windows user, you will find something interesting and entertaining at each of our meetings. Our meetings are fun and informative, with topics presented covering the range from beginner to advanced.

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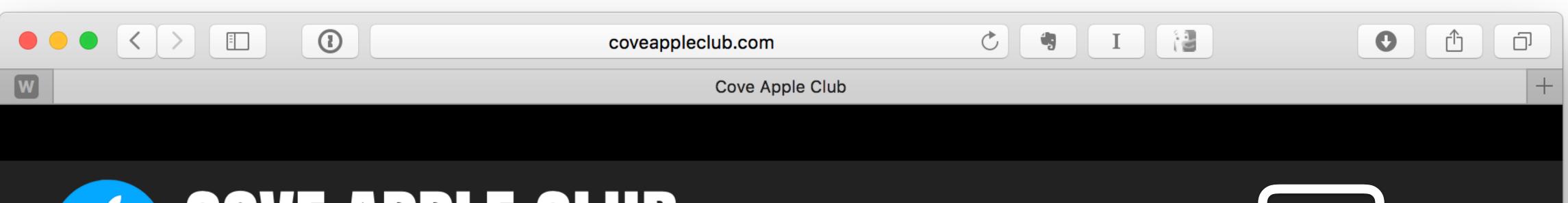
Find out more about the club, our meeting schedule and how you can get in on the fun. Click the links below for details, and be sure to join our <u>email list</u> for all the latest updates.



SHOP

ARCHIVES

EMAIL LIST





HOME MEETINGS EMAIL LIST SHOP ARCHIVES

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COVE APPLE CLUB

Have fun & do more with your Apple gear!

MEETINGS

HOME

EMAIL LIST

SHOP

ARCHIVES



The next time you need some new Apple or other tech gear (or anything else from the 20,000,000 items in stock!), start your online shopping session with our link to Amazon.com. Your purchase will earn a little money for the Cove Apple Club, which we save up all year for a big Holiday Party for all members of the club! We update club members on the earnings every month.

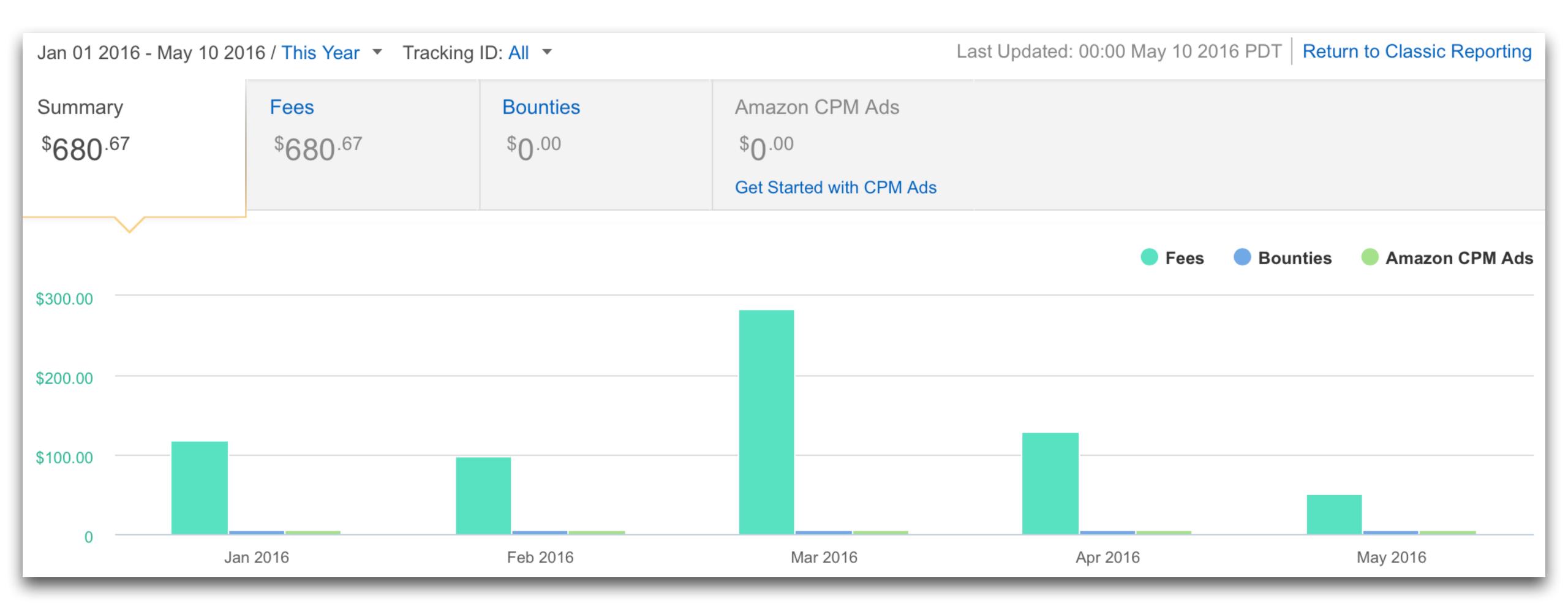
So be sure to click the Amazon logo below when you need to shop for Mac products online...and "give back" to the Cove Apple Club -- without costing you an extra cent! Thanks!

THREE EASY WAYS TO USE THE AMAZON SHOPPING LINK

- 1. Just click here you'll be sent to the Amazon.com homepage.
 - 1. Once you arrive at the Amazon homepage, BOOKMARK that page:
 - 1. In Safari on Mac, type Cmd-D
 - 2. In Safari on iOS, tap the Share widget, then tap Add to Favorites or Add Bookmark.
- 2. Drag this link to your Favorites bar in your Web browser. Then it's handy anytime you want to visit Amazon.
- 3. Just click the Amazon banner ad below.



2016 YTD



Cove Apple Club Office Hours

CARLE HOLLS



Thursdays in week between Monthly
 Meetings



CARCE HOLLS

Thursdays in week between Monthly
Meetings
May 19th!



CACA HOLLS

- · Thursdays in week between Monthly Meetings
 - e May 19th!
- e 1-3pm in Terrace Room



CARLE HOLLS

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- Sheet
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 Snacks & refreshements, too!



IVYBD is Coming!!

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- It's the **ONLY** Friday the 13th this year!

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- It's the **ONLY** Friday the 13th this year!
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- Every Friday the 13th has been officially designated (by Yours Truly) to be International Verify Your Backups Day



• "The best time to practice emergency procedures is during non-emergency conditions."



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- Wouldn't you be mad if, when you
 REALLY needed it, your backup plan failed you?



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 REALLY needed it, your backup plan failed you?
- Friday the 13th—every time it rolls around—is the perfect time to practice these procedures!



• AUTOMATIC, since even the most obsessive backer-uppers forget

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- VERIFIED, since your plan is worthless unless it actually works!

• Follow the "3-2-1" plan:

- Follow the "3-2-1" plan:
 - You need **THREE** copies of your data

- Follow the "3-2-1" plan:
 - You need THREE copies of your data
 - ...on **TWO** different media

- Follow the "3-2-1" plan:
 - You need THREE copies of your data
 - ...on **TWO** different media
 - ...and **ONE** of the copies must be off-site

Otter Lane, Cypress Cove Resort 4:30am, Monday, December 2, 2013





















And It Doesn't Just Happen to People Who Live in Travel Trailers







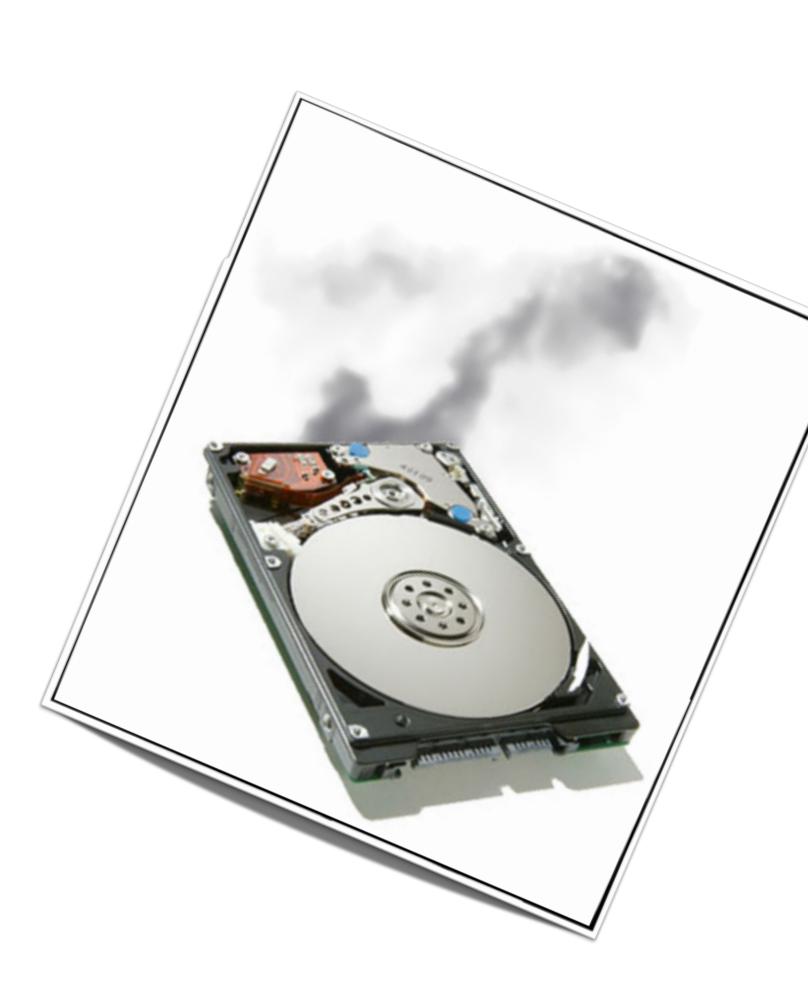
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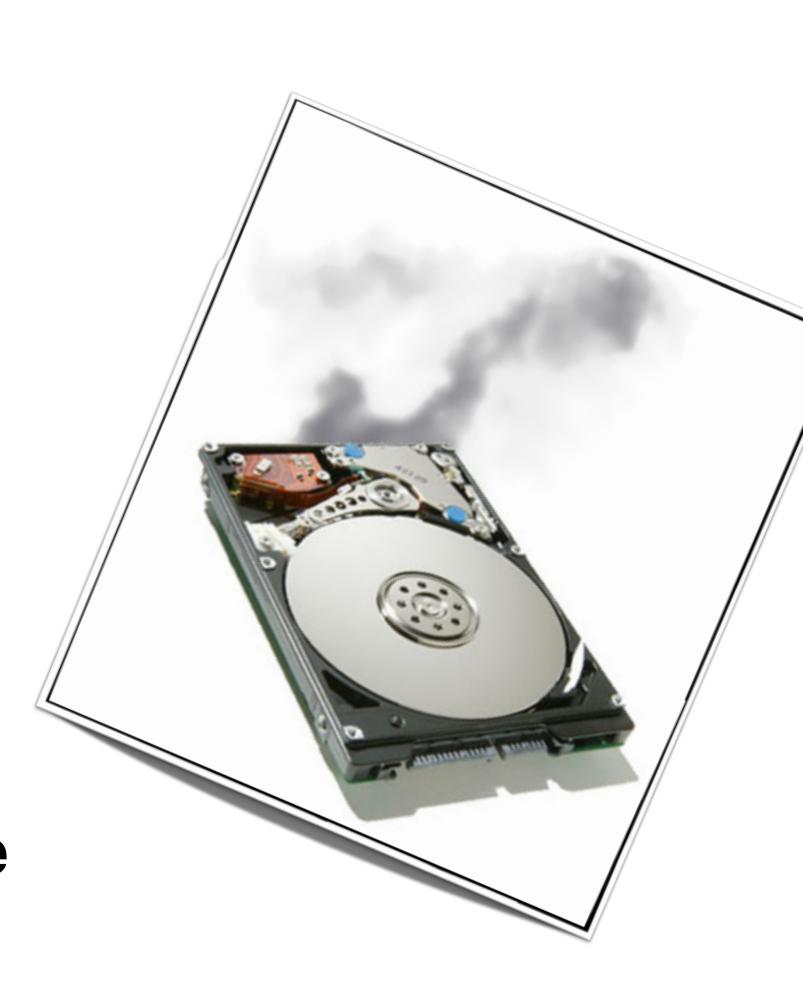
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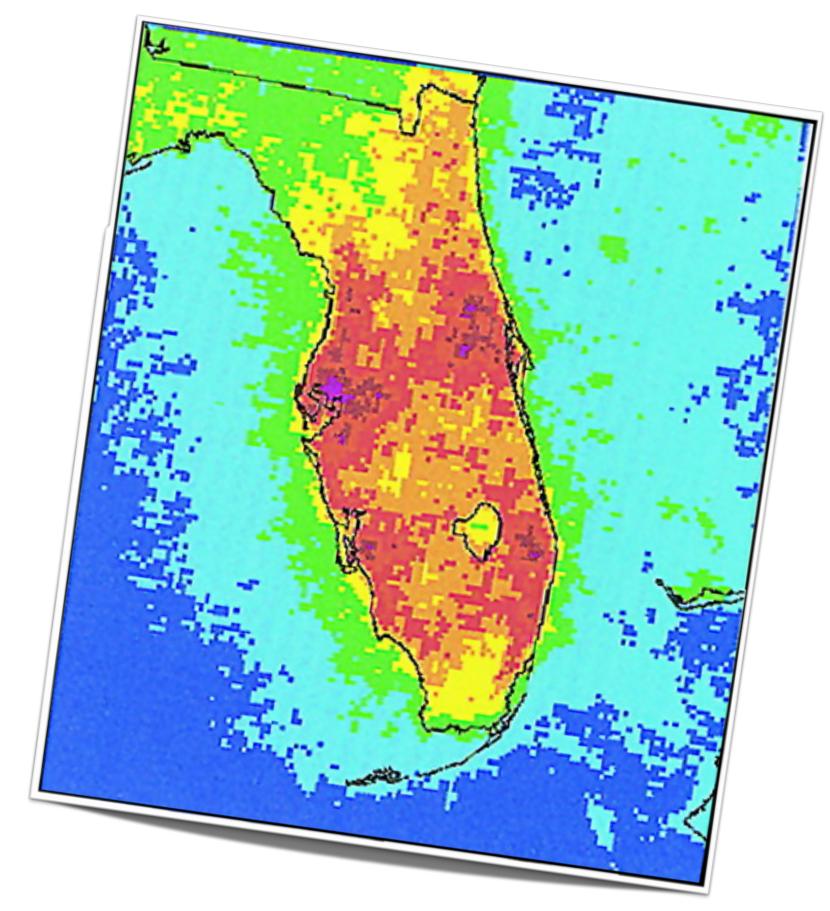


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- Make sure your cloning routine & cloning software is up-to-date and running on your defined schedule

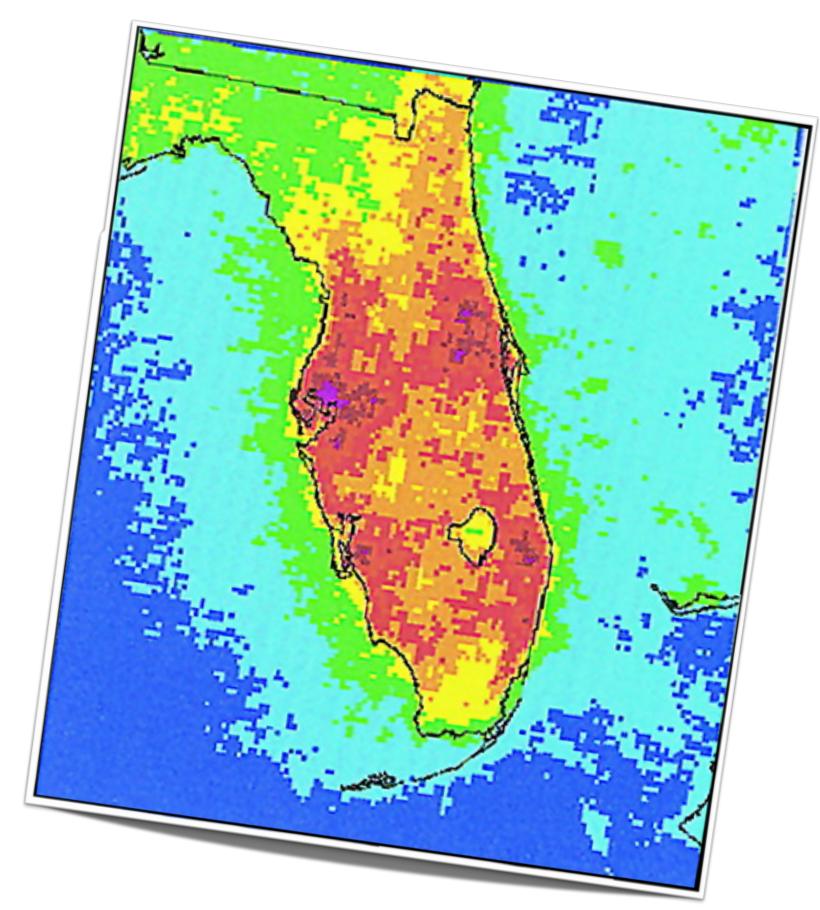




Lightning Strike Frequency Map Florida, 2012

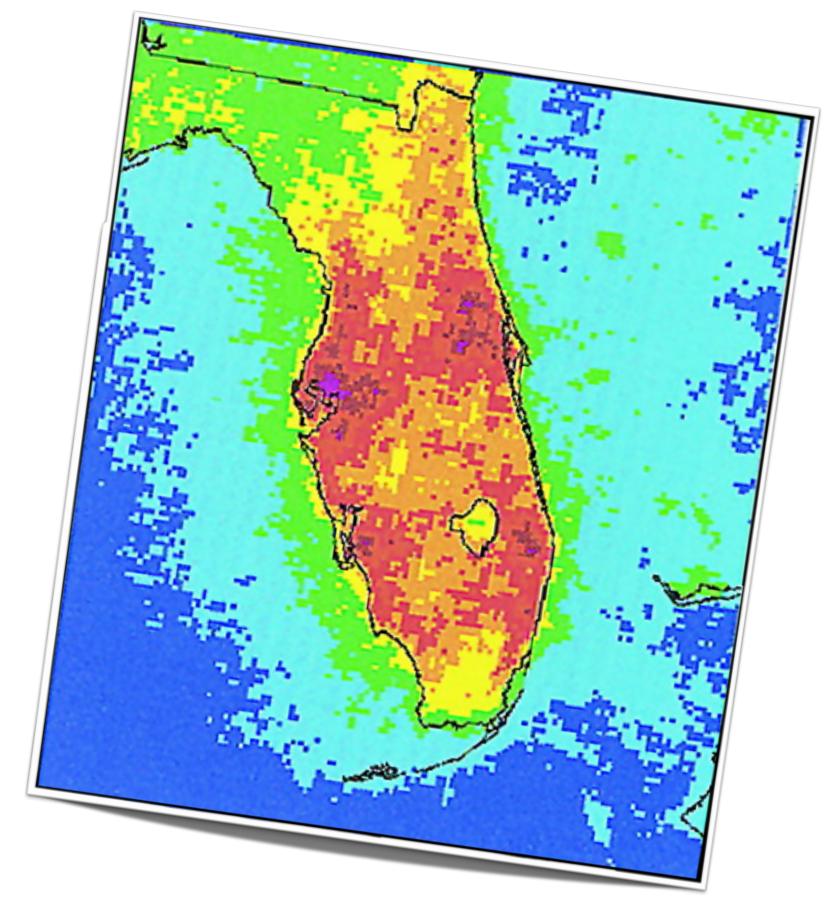
Source: NOAA/NWS

 Verify your off-site backup service connection & subscription



Lightning Strike Frequency Map Florida, 2012 Source: NOAA/NWS

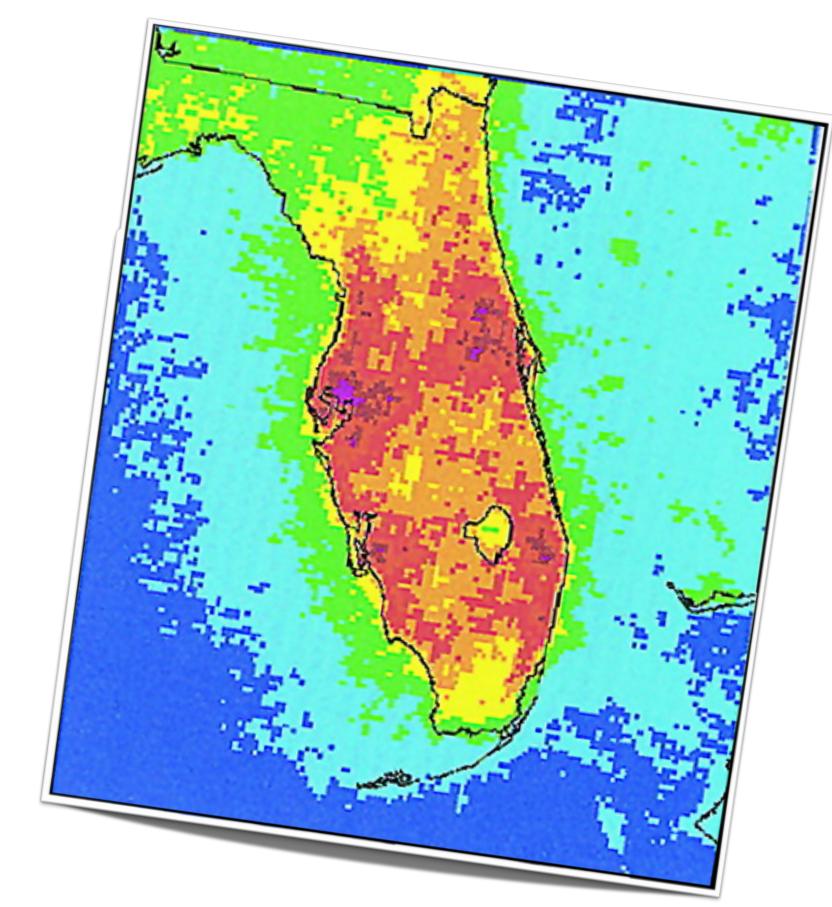
- Verify your off-site backup service connection & subscription
- Restore a folder from your off-site backup



Lightning Strike Frequency Map Florida, 2012

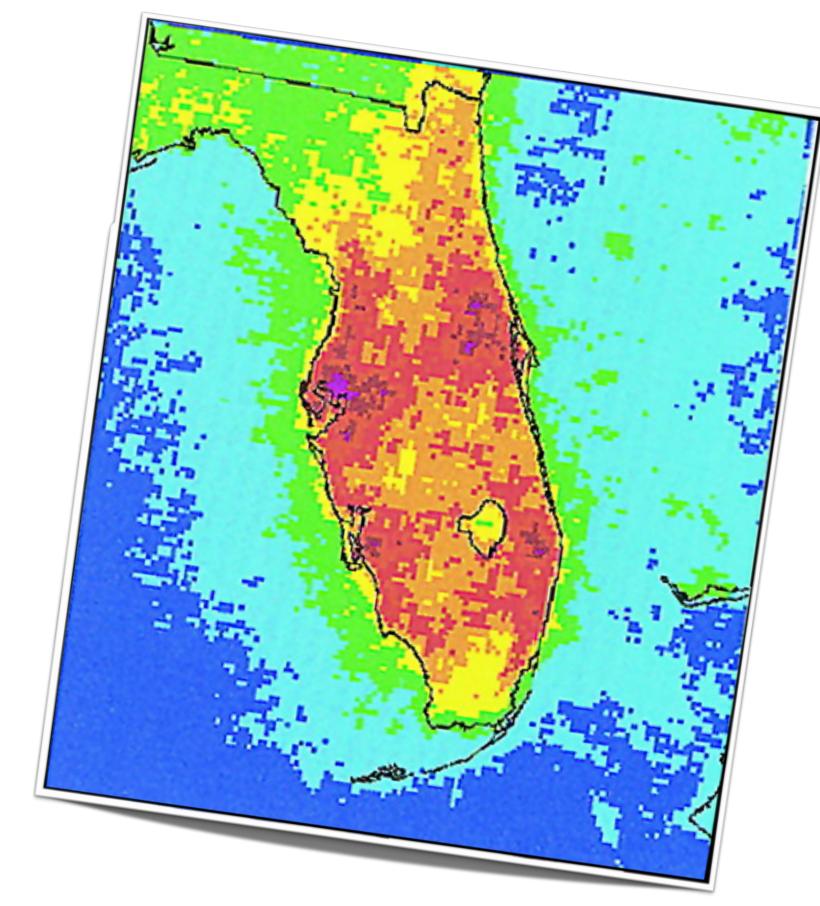
Source: NOAA/NWS

- Verify your off-site backup service connection & subscription
- Restore a folder from your off-site backup
- Re-read the emergency restore options & procedures for your service



Lightning Strike Frequency Map Florida, 2012 Source: NOAA/NWS

- Verify your off-site backup service connection & subscription
- Restore a folder from your off-site backup
- Re-read the emergency restore options & procedures for your service
- Update your notes & procedures for your offsite backup system



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- Off-site unlimited cloud backup: BackBlaze, Carbonite, Mozy,
 CrashPlan for the day when your house burns down/blows away/
 floods/blows up/is robbed/is hit by lightning/drops into a sinkhole/has a
 tree fall on it/a car drives into it/is destroyed by a hailstorm, etc., etc.

Cove friends with 1,000's of priceless photos

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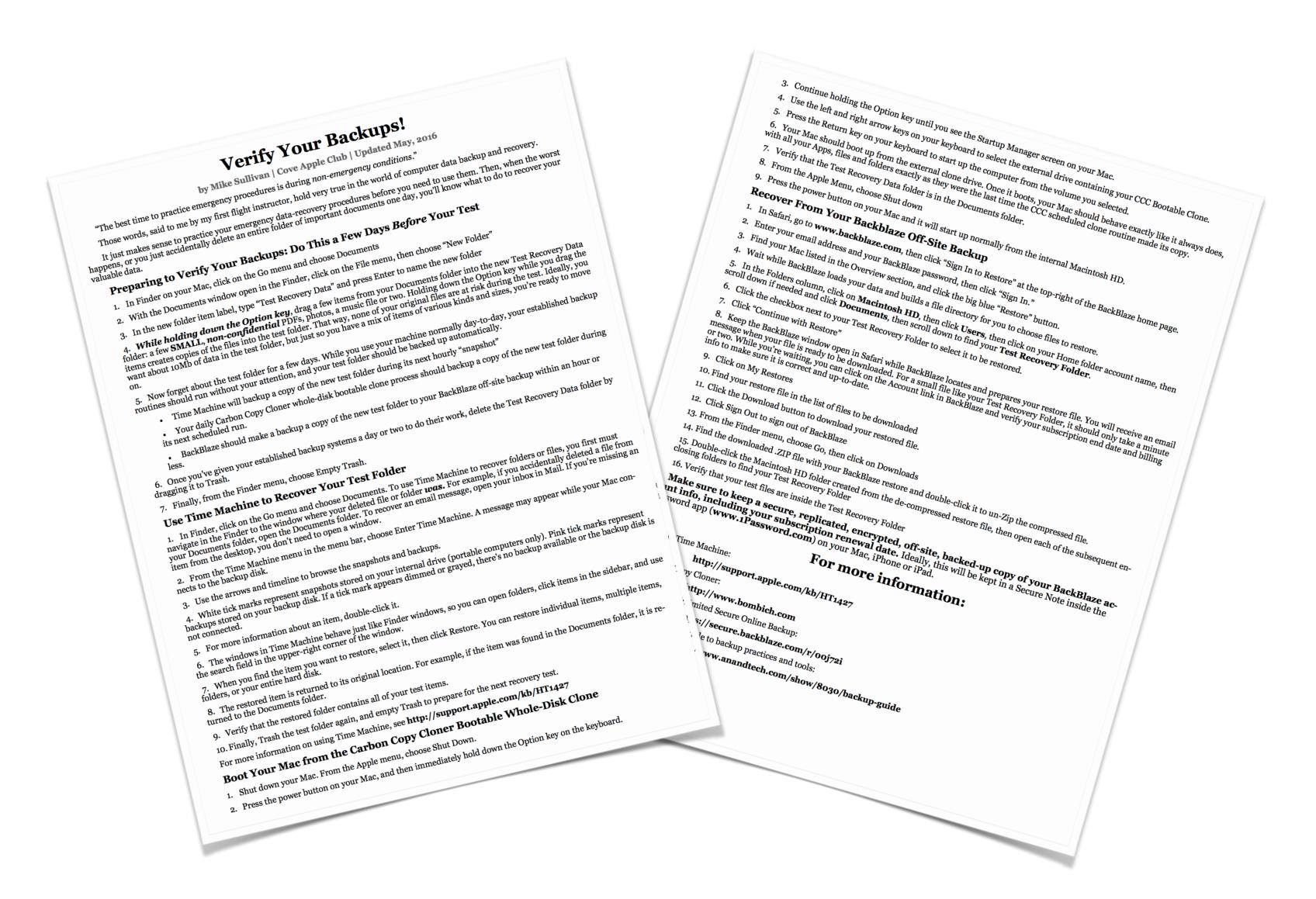
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- Thanks

All The Freakish Details...

All The Freakish Details...



You Can Thank Me Later.

Document Handling in the Cloud

The Beast

Epson WorkForce Pro WF-4630



The Beast



The Beast

Mid-range SoHo All-In-One



- Mid-range SoHo All-In-One
- Print/Scan/Copy/Fax



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- Wi-Fi, Gigabit Ethernet, USB 3.0
- 3.5" color touchscreen control panel





• 20ppm Color / 20ppm Black (ISO)



- 20ppm Color / 20ppm Black (ISO)
- 11ppm Color / 11ppm Black Duplex (ISO)



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- 11ppm Color / 11ppm Black Duplex (ISO)
- Automatic Duplexing Document Feeder



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- 4-color Epson DuraBrite pigment inks



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- Automatic Duplexing Document Feeder
- 1200 x 2400 dpi 48-bit color scanner
- 500-page fax memory, 200 speed-dials
- 4-color Epson DuraBrite pigment inks
- Epson PrecisionCore 4S micro-piezo printhead (40,000 print nozzles, 60,000,000 droplets/ second)





• 4-color Epson DuraBrite pigment inks: fade-, water-, smudge- resistant, instant-drying



- 4-color Epson DuraBrite pigment inks: fade-, water-, smudge- resistant, instant-drying
- Large-capacity ink cartridges



- 4-color Epson DuraBrite pigment inks: fade-, water-, smudge- resistant, instant-drying
- Large-capacity ink cartridges
- Laser-like per-copy costs, plus color









Automatic color restoration of faded photos





- Automatic color restoration of faded photos
- Copies both sides of an ID card to one sheet



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- Removes punched hole marks from copies



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- Print from / scan to USB flash drive
- Auto power-off, auto sleep, Energy Star, job queuing, 200 job presets, etc., etc.



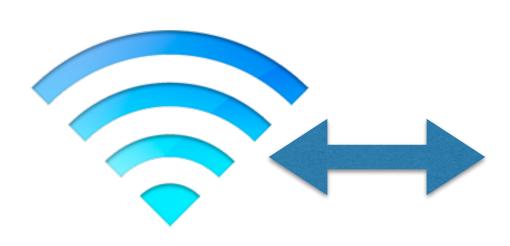
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- \$149.00 Staples or Amazon craaa-zeee!

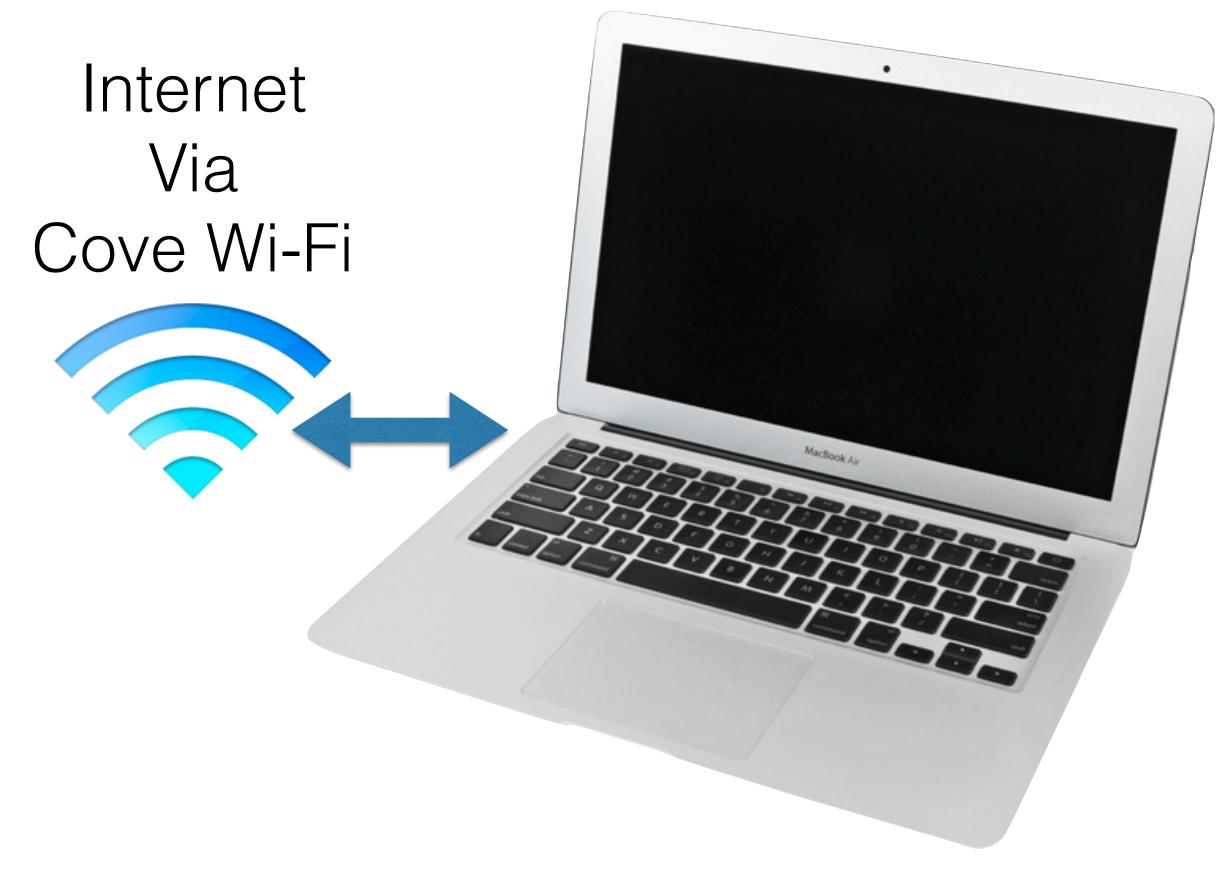


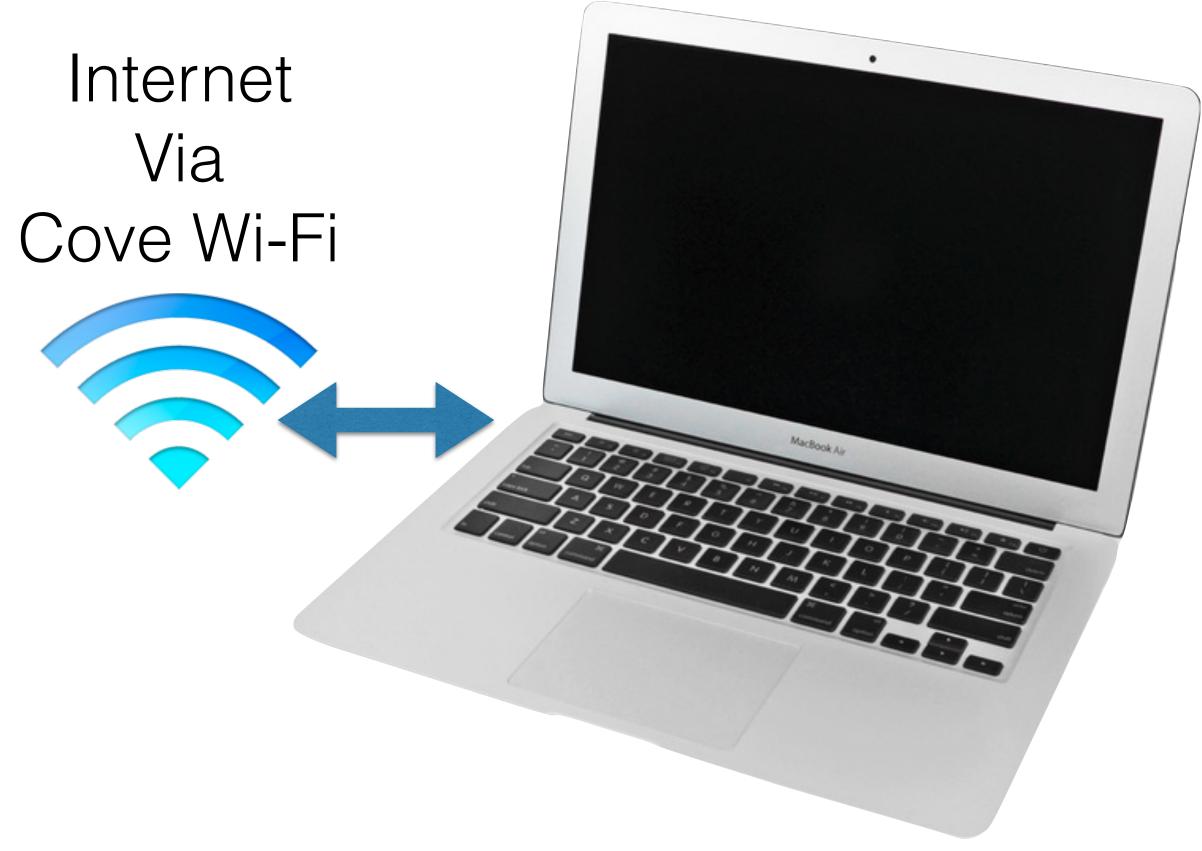
Internet Via Cove Wi-Fi



Internet Via Cove Wi-Fi



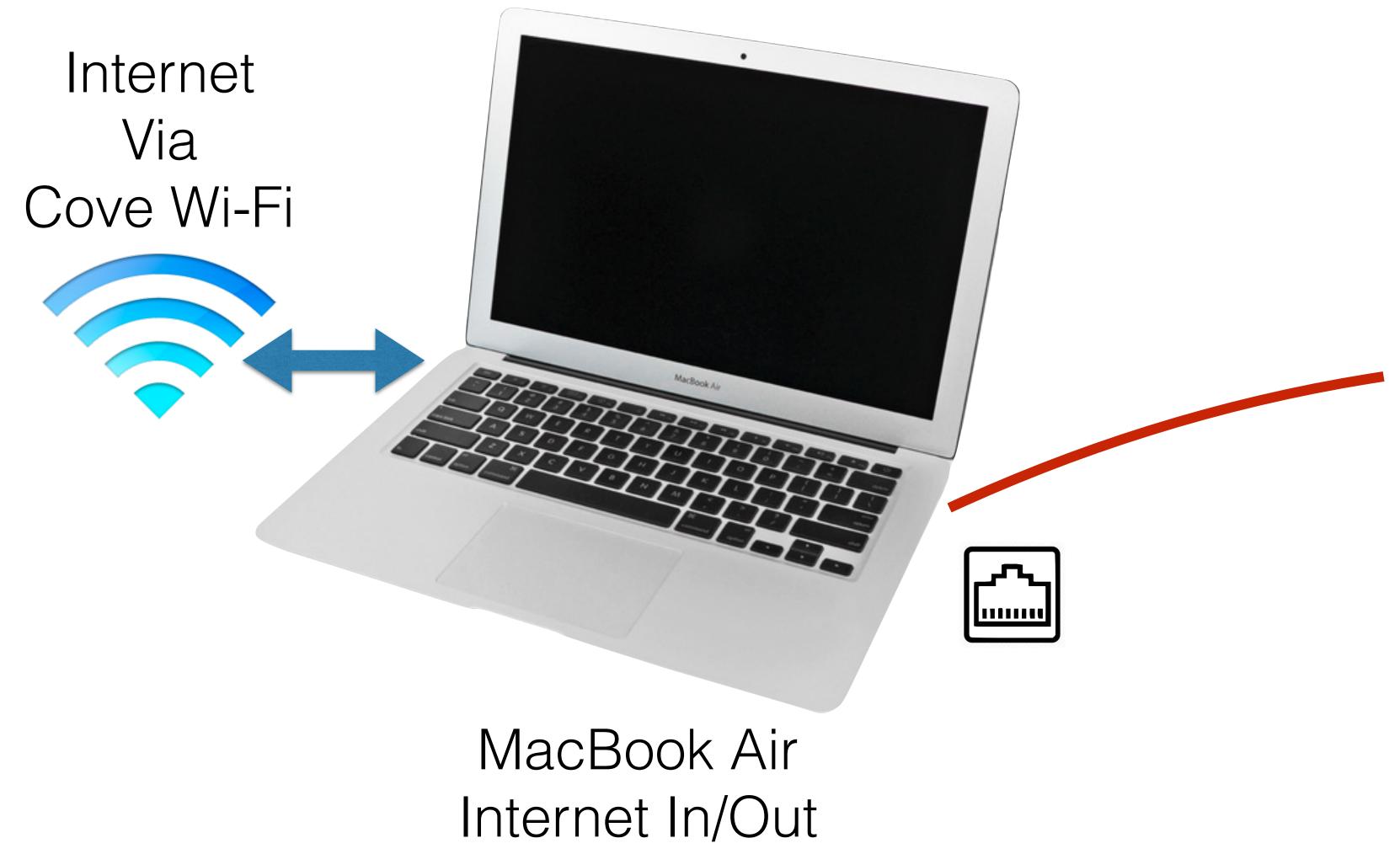


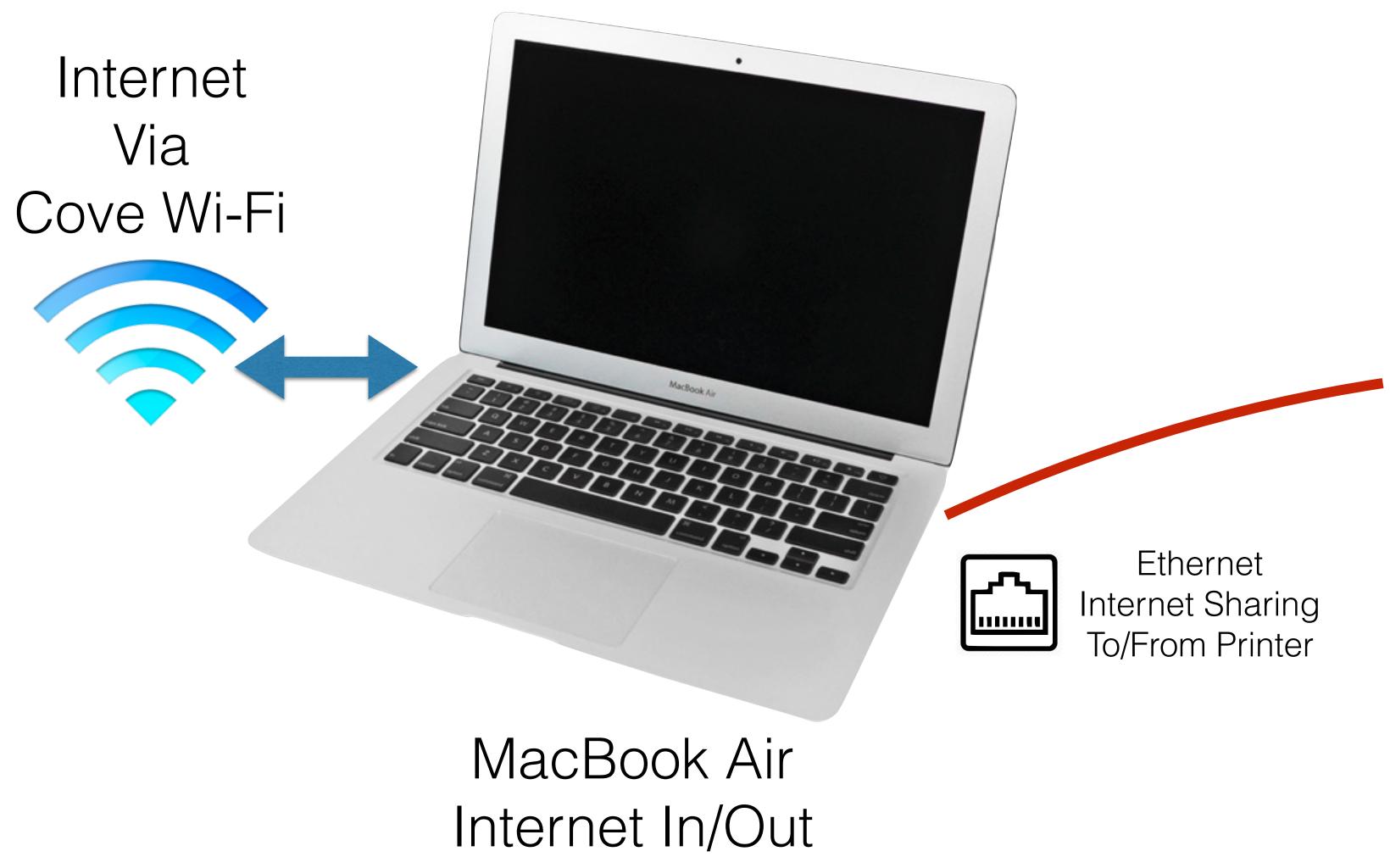


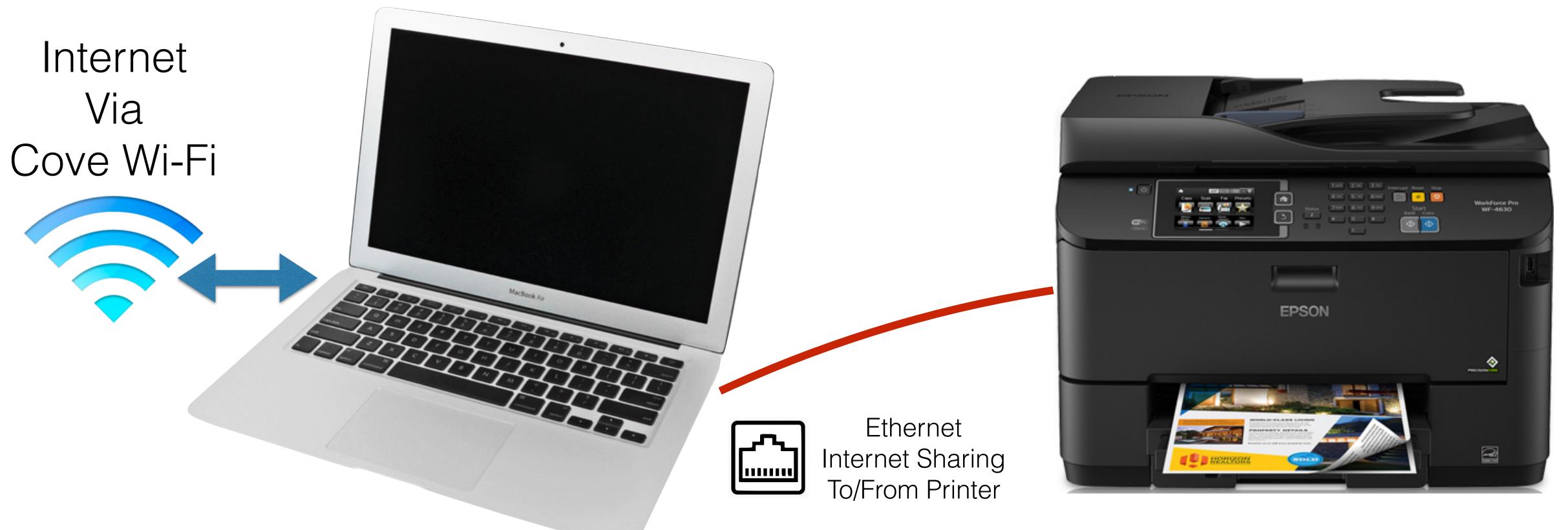
MacBook Air Internet In/Out



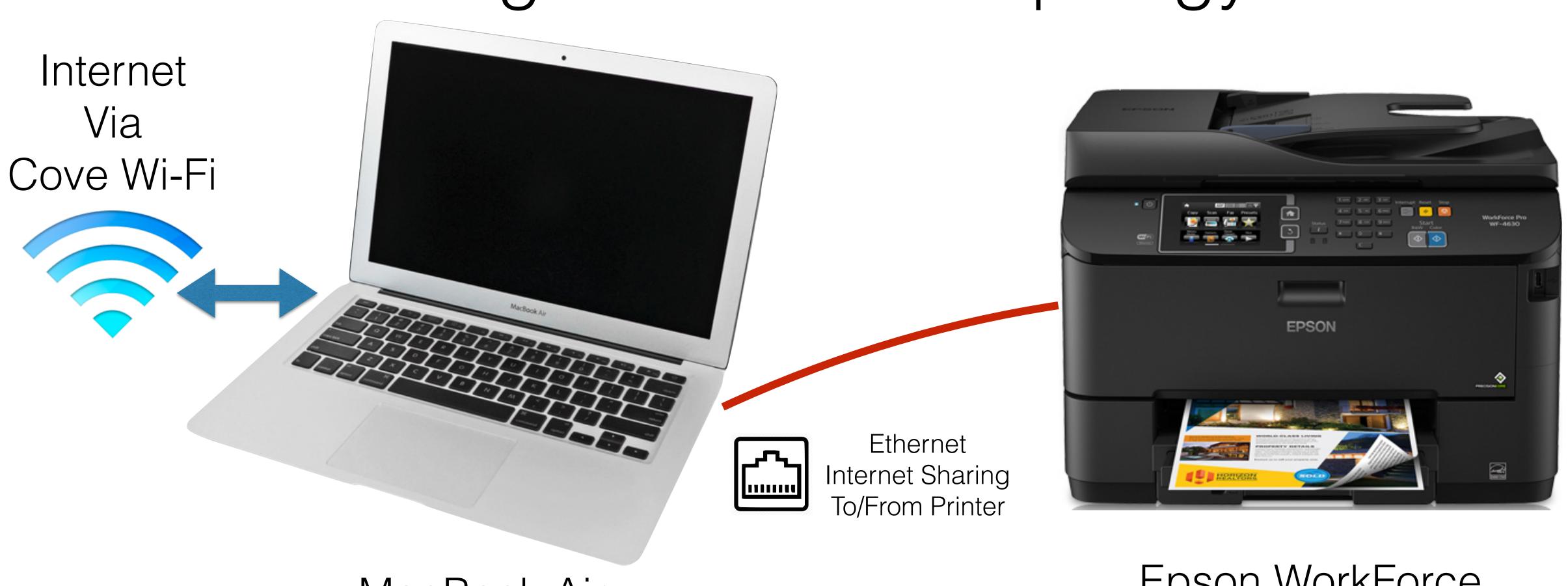
Internet In/Out





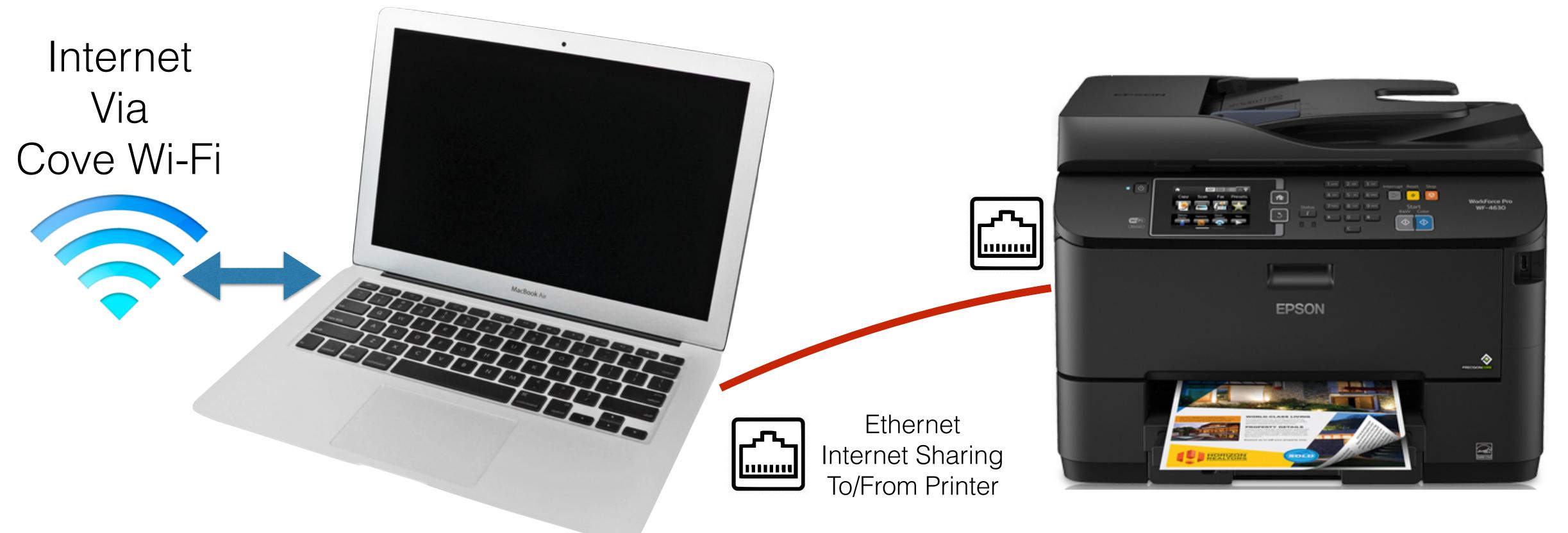


MacBook Air Internet In/Out



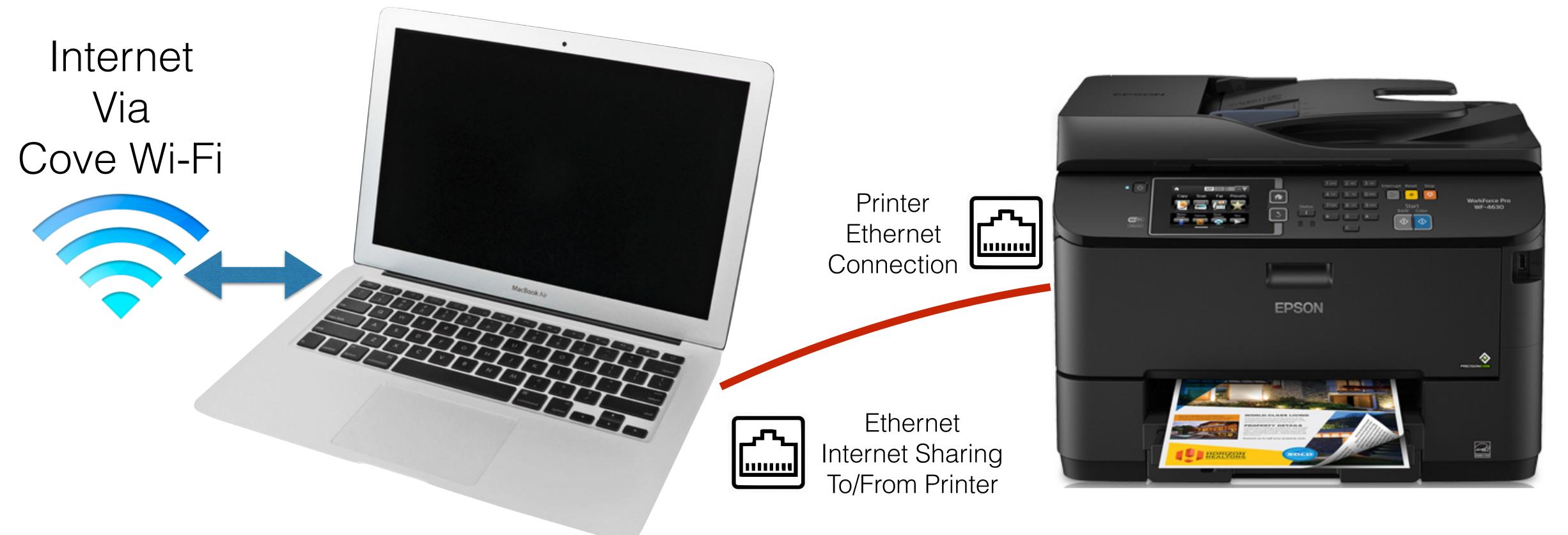
MacBook Air Internet In/Out Epson WorkForce WF-4630 All-In-One

How The Sausage Is Made: Tonight's Network Topology



MacBook Air Internet In/Out Epson WorkForce WF-4630 All-In-One

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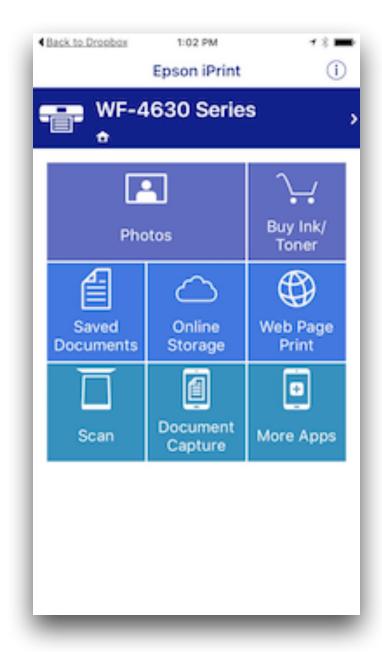
Print from Cloud? Really? Why?



Print from Cloud? Really? Why?









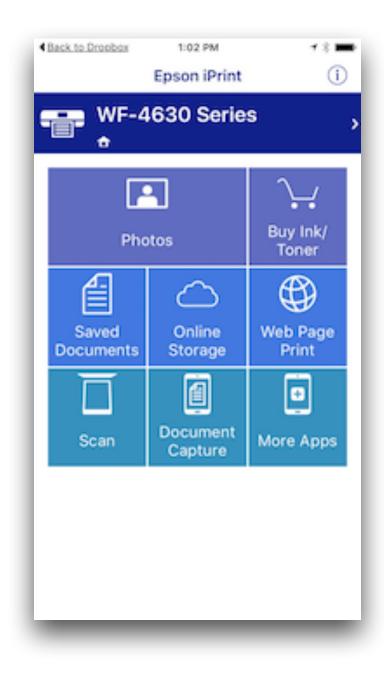






 Show printer's cloud setup & network connectivity from control panel







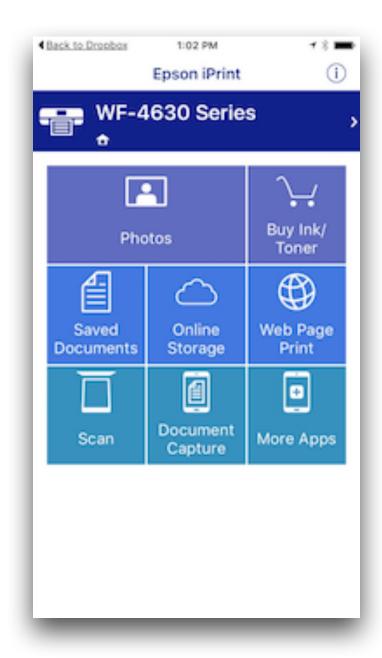






- Show printer's cloud setup & network connectivity from control panel
- Show printer's advanced cloud connectivity on Web







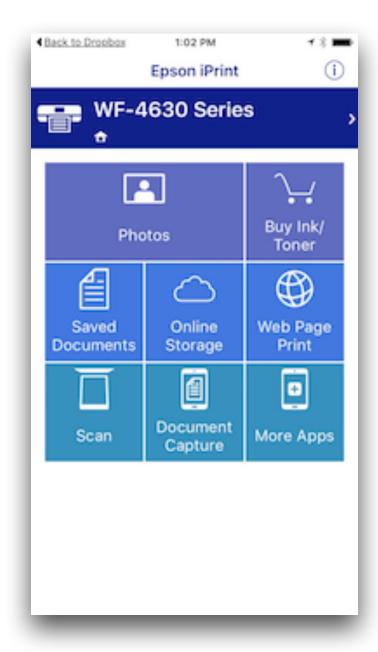






- Show printer's cloud setup & network connectivity from control panel
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- Scan-to-Cloud: Epson Connect to Evernote, Dropbox, Email







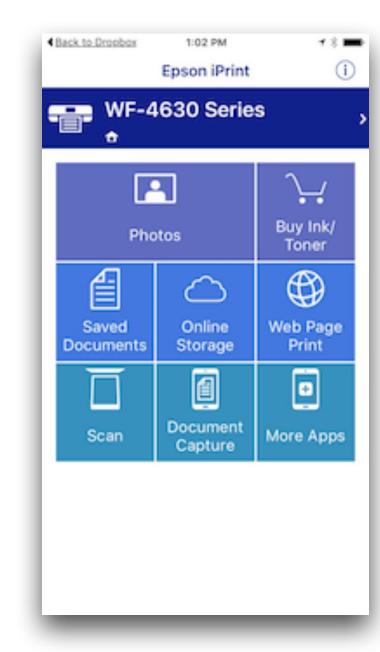






- Show printer's cloud setup & network connectivity from control panel
- Show printer's advanced cloud connectivity on Web
- Scan-to-Cloud: Epson Connect to Evernote, Dropbox, Email
- Print-from-Cloud: Epson Connect, Google Cloud Print & Inbound email print to printer's email address















Demo!



Our Next Meeting

Our Next Meeting

MAY

Cove Apple Club 7:00 PM - 8:15 PM I think we've earned it!

