

Cove Apple Club

October 11, 2017

Our pick

Backblaze
The best online backup service

Backblaze is economical, fast, reliable, and easy to set up.

BACKBLAZE
ONLINE BACKUP

\$50 from Backblaze
(per year, or \$5 per month)



Tonight's Topics

- IVYBD 2017!
- Coming at our October 25 meeting: Cord Cutting & Disruptive Cell Plans
- macOS 10.13 High Sierra

But First!

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



Verify Your Backup Plan & Procedures

- “The best time to practice emergency procedures is during non-emergency conditions.”
- Wouldn't you be mad if, when you **REALLY** needed it, your backup plan failed you?
- Friday the 13th—every time it rolls around—is the perfect time to practice these procedures!



Your Backup Plan Must Be...

- **AUTOMATIC**, since even the most obsessive backer-uppers forget
- **REDUNDANT**, since only one backup is no backup at all
- **OFF-SITE**, since catastrophes are more common than you think, and
- **VERIFIED**, since your plan is worthless unless it ***actually works!***

Follow the 1-2-3 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





Otter Lane, Cypress Cove Resort
Monday, December 2, 2013



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Otter Lane, Cypress Cove Resort
Monday, December 2, 2013

A photograph showing the interior of a severely damaged building, likely a house, after a fire. The floor is covered in dark, charred debris and ash. In the center, there is a large, rectangular, rusted metal box or safe. To the left, a black electronic device, possibly a television or monitor, is partially visible. In the background, there are more pieces of debris, including what looks like a metal frame and some wooden planks. The overall scene is one of destruction and decay.

Otter Lane, Cypress Cove Resort
Monday, December 2, 2013

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Otter Lane, Cypress Cove Resort
Monday, December 2, 2013



Otter Lane, Cypress Cove Resort
Monday, December 2, 2013

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



Solivita, Poinciana
Sunday, May 28, 2014



Solivita, Poinciana
Sunday, May 28, 2014

And Don't Forget Hurricanes!

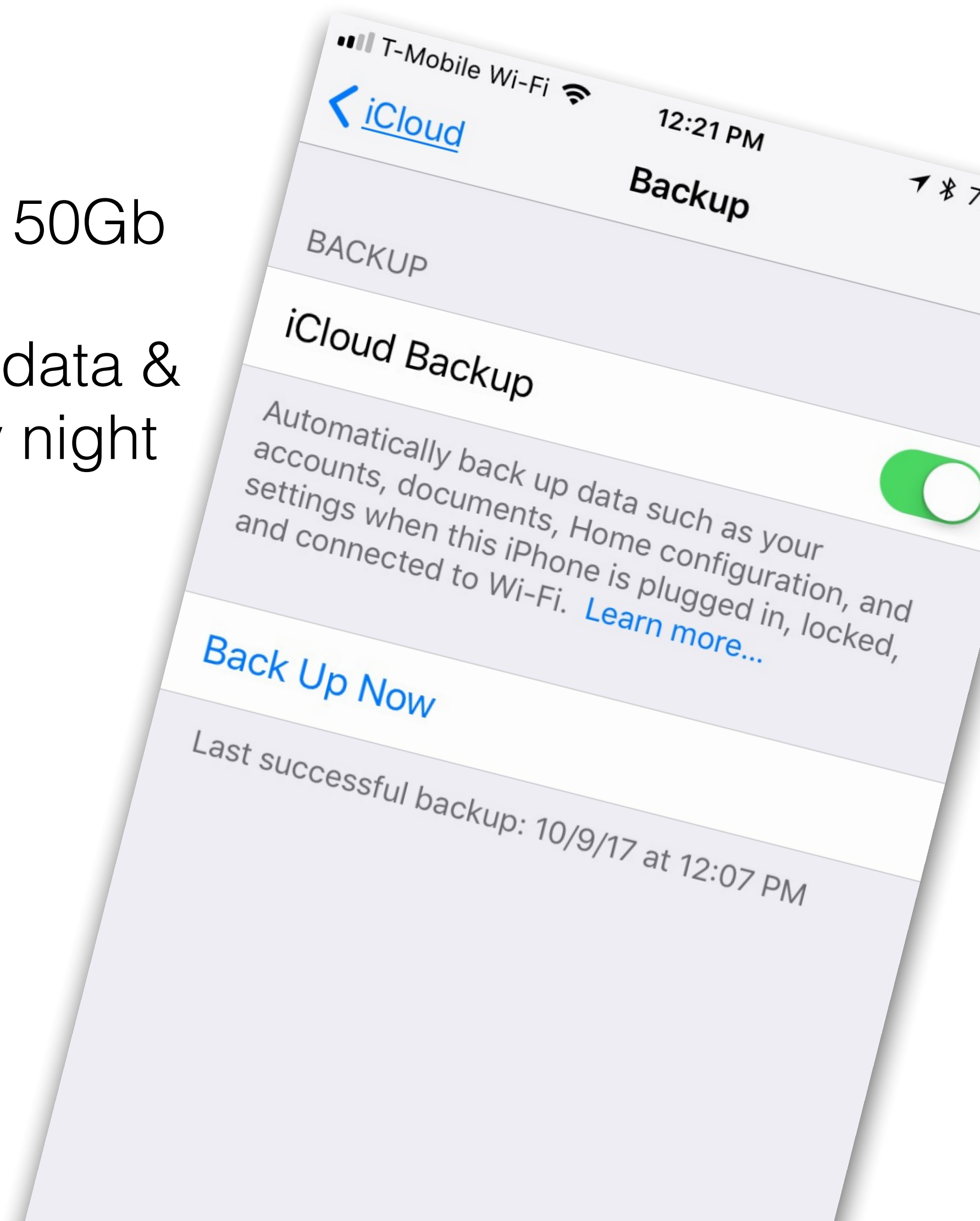






iOS Backups: iCloud Backup

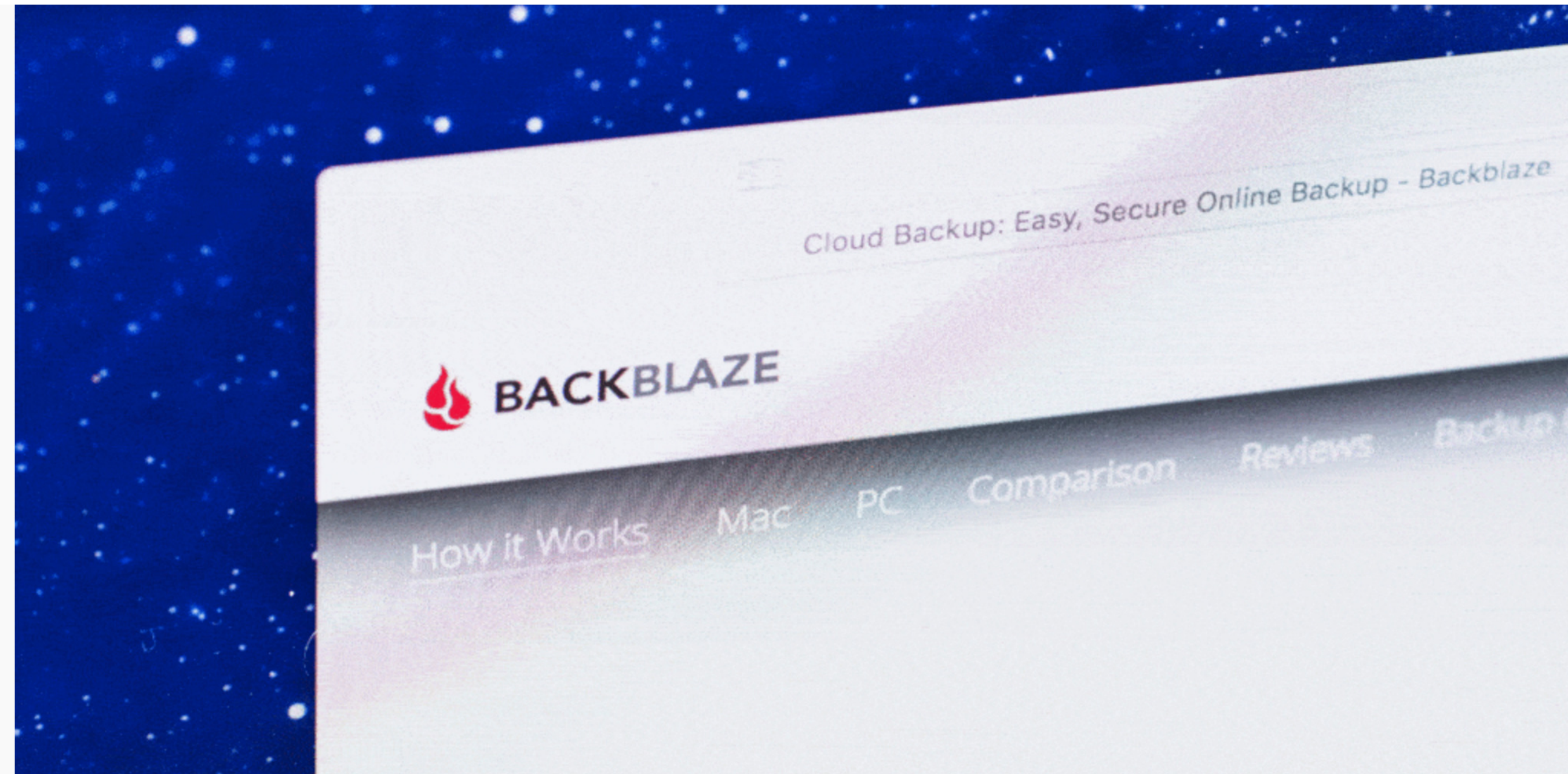
- Settings → iCloud → iCloud Backup → ON
- Free (for 5Gb or less — usually plenty!) - \$0.99/month for 50Gb
- Will automatically backup your apps, settings, on-device data & documents, messages, texts, etc., to Apple's cloud every night
- Requires your device to be:
 - Sleeping (not OFF)
 - Connected to Wi-Fi
 - Connected to power



Mac Off-Site Backups: 3 Popular Options

- CrashPlan
 - Ended their consumer-grade product in August, so they're out
- Carbonite: Windows-only, as there is no full-featured Mac version
- BackBlaze
 - Unlimited, automatic online backups for your Mac for \$50/year

source:
The Wirecutter
10/3/17



Photos by Rozette Rago

The Best Online Cloud Backup Service

UPDATED OCTOBER 3, 2017

Your guide

Joe Kissell

Everyone who uses a computer needs a dependable way to back up its data. After carefully comparing 19 services and testing six, we believe that **Backblaze** (currently \$50 per year per computer) is the best online backup service for most people, as it offers a

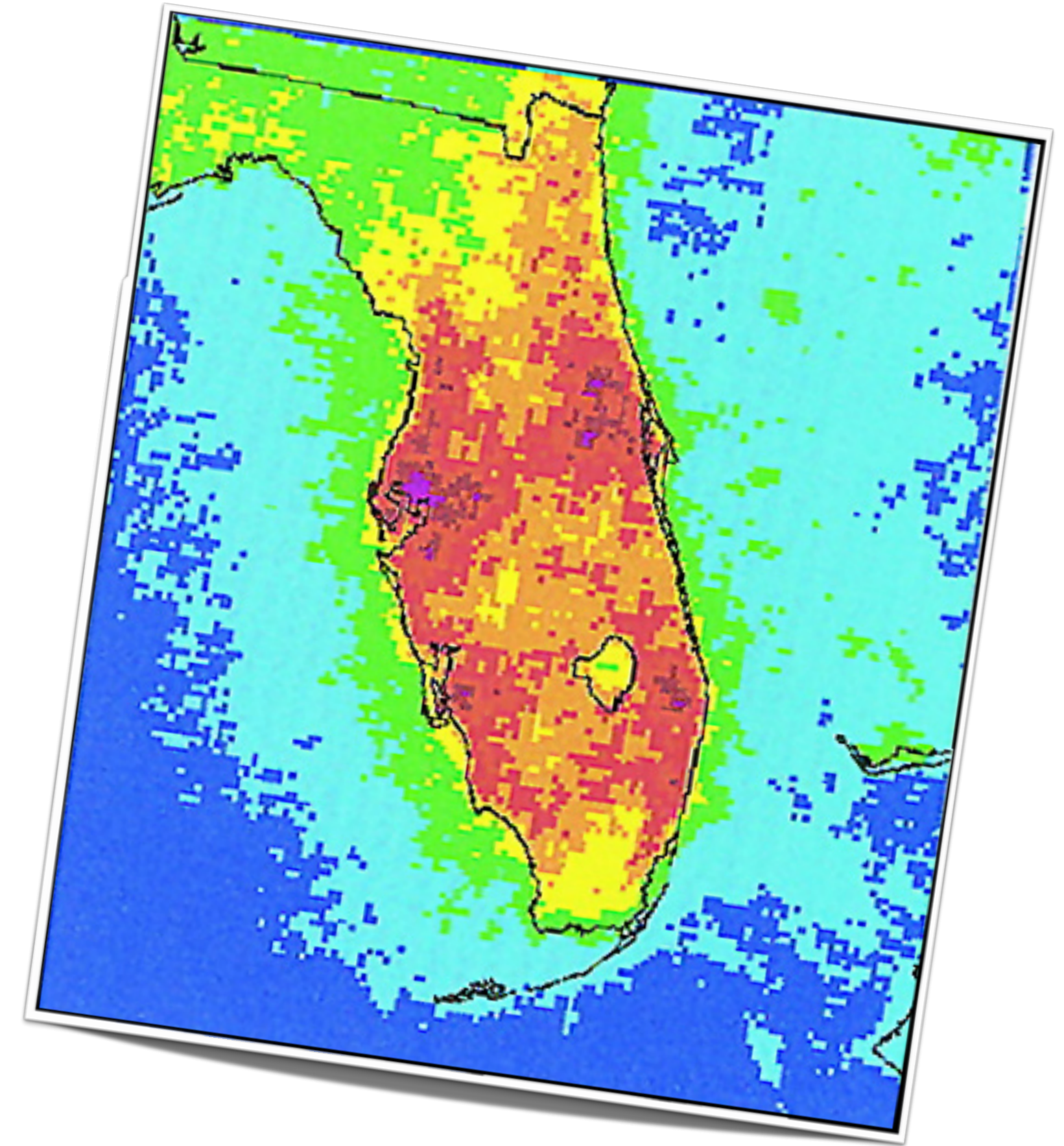
Verify and Test Your On-Site Backups



- There are only two kinds of hard disk drives: those that **have** failed, and those that **will** fail.
- To test your backups, restore a test folder from all of your backup locations: Time Machine, bootable clone and off-site backup
- Test your bootable clone by actually booting from it, make sure all your files are there and have current dates
- Make sure your cloning routine & cloning software is up-to-date and running on your defined schedule

Verify and Test Your Off-Site Backups

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



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

Verify Your Triply-Redudant Backup System

- **Time Machine:** continuous, automatic snapshots of your Mac's HD 24/7; fire-and-forget; perfect for the "Whoops!" deletions all the way through full disk recovery
- **Bootable clone:** for the day when your Mac's inboard HD honks the bobo; set Carbon Copy Cloner to run a clone every day to an external USB HD
- **Off-site unlimited cloud backup:** BackBlaze: 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/ etc., etc.

It Happens...

- Cove friends with 1,000's of priceless photos
- Discovered one day that they were all gone
- Panic
- Time Machine
- Relief
- Thanks

You Can Thank Me Later.

Verify Your Backups

Verify Your Backups

by Mike Sullivan | Cove Apple Club | Updated May, 2016
during non-emergency conditions."

"The best time to practice emergency procedures is during non-emergency conditions." Those words, said to me by my first flight instructor, hold very true in the world of computer data backup and recovery. It just makes sense to practice your emergency data-recovery procedures before you need to use them. Then, when the worst happens, or you just accidentally delete an entire folder of important documents one day, you'll know what to do to recover your valuable data.

Learning to Verify Your Backups: Do This a Few Days Before Your Test

To learn how to verify your backups, click on the Go menu and choose Documents. In the Finder, click on the File menu, then choose "New Folder" and press Enter to name the new folder whatever you want. Then click on the Documents folder under the Option key while you drag the new folder into it. Finally, click on the Test Recovery button during the test. Ideally, you'll have everything ready to go before you get to the Test button.

Preparing to Verify Your Backups: Do This a Few Days Before Your Test

- # You Can Too

6. Once you've given your external drive a name, click the **Use Time Machine to Recover Your Test Folder** button. This will open a window where you can choose the folder you want to recover. To recover a folder, click on the folder name in the list. To recover a file, click on the file name in the list. To recover a document, click on the document name in the list. To recover a folder, click on the folder name in the list. To recover a file, click on the file name in the list. To recover a document, click on the document name in the list.
7. Finally, from the Finder menu, choose Empty Trash. dragging it to Trash.

- ## Use Time Machine to Recover Deleted Files
1. In Finder, click on the Go menu and choose Enter Time Machine. A message may appear asking you to navigate in the Finder to the window where your deleted files were located. To recover an item from the desktop, you don't need to open a window.
 2. From the Time Machine menu in the menu bar, choose Enter Time Machine. A message may appear asking you to navigate in the Finder to the window where your deleted files were located. To recover an item from the desktop, you don't need to open a window.
 3. Use the arrows and timeline to browse the snapshots and backups.
 4. White tick marks represent snapshots stored on your internal drive (portable computers only). Pink tick marks represent backups stored on your backup disk. If a tick mark appears dimmed or grayed, there's no backup available or the backup disk is not connected.
 5. For more information about an item, double-click it.
 6. The windows in Time Machine behave just like Finder windows, so you can open folders, click items in the sidebar, and use the search field in the upper-right corner of the window.
 7. When you find the item you want to restore, select it, then click Restore. You can restore individual items, multiple items, folders, or your entire hard disk.
 8. The restored item is returned to its original location. For example, if the item was found in the Documents folder, it is returned to the Documents folder.
 9. Verify that the restored folder contains all of your test items.
 10. Finally, Trash the test folder again, and empty Trash to prepare for the next recovery test.
- For more information on using Time Machine, see <http://support.apple.com/kb/HT1427>
- ## Boot Your Mac from the Carbon Copy Cloner Bootable Whole-Disk Clone
1. Shut down your Mac. From the Apple menu, choose Shut Down.
 2. Press the power button on your Mac, and then immediately hold down the Option key on the keyboard.

9. Verify that the restored folder contains all of your test items.
10. Finally, Trash the test folder again, and empty Trash to prepare for the next test. For more information on using Time Machine, see <http://support.apple.com/kb/HT1142/>.

Boot Your Mac from the Carbon Copy Cloner Bootable Whole-Disk Clone

1. Shut down your Mac. From the Apple menu, choose Shut Down.
2. Press and hold down the Option key on your Mac, and then immediately hold down the Option key on the keyboard.

9. Verify that the restored folder again, and click **OK**.
10. Finally, Trash the test folder again, and click **OK**.
- For more information on using Time Machine, see <http://support.apple.com/kb/HT204011>.
- ## Boot Your Mac from the Carbon Copy Cloner Bootable Window
1. Shut down your Mac. From the Apple menu, choose **Shut Down**.
 2. Press the power button on your Mac, and then immediately hold down the Option key on the keyboard.

3. Continue holding the Option key until you see the Startup Manager screen on your Mac.
 4. Use the left and right arrow keys on your keyboard to select the external drive containing your CCC Bootable Clone.
 5. Press the Return key on your keyboard to start up the computer from the volume you selected.
 6. Your Mac should boot up from the external clone drive. Once it boots, your Mac should behave exactly like it always does, with all your Apps, files and folders exactly as they were the last time the CCC scheduled clone routine made its copy.
 7. Verify that the Test Recovery Data folder is in the Documents folder.
 8. From the Apple Menu, choose Shut down
 9. Press the power button on your Mac and it will start up normally from the internal drive.
- Recover From Your Backblaze Off-Site Backup**
1. In Safari, go to www.backblaze.com, then click on the "Recovery" link.
 2. Enter your email address and your Backblaze account password.
 3. Find your Mac listed in the "My Backups" section.
 4. Wait while Backblaze restores your Mac's data to a virtual image.

Recover From Your Backblaze Off-Site Backup

-
- Thank Me Later
- ...over From Your BackBlaze Off-Site Backup
1. In Safari, go to www.backblaze.com, then click "Sign In to Restore" at the top-right of the BackBlaze home page.
 2. Enter your email address and your BackBlaze password, then click the big blue "Sign In."
 3. Find your Mac listed in the Overview section, and click the top-right of the BackBlaze home page.
 4. Wait while BackBlaze loads your data and builds a file directory for you to choose from to restore.
 5. In the Folders column, click on the folder you want to restore. Then click on the "Test Recovery" button to restore.
 6. Click the checkbox next to your file to be restored.
 7. Click the "Restore" button.
 8. Keep the window open while the file is restored. You will receive an email when the file is restored.
 9. Click the "Test Recovery" button to restore.
 10. Find your restore file in the list of files to be downloaded.
 11. Click the Download button to download your restored file.
 12. Click Sign Out to sign out of BackBlaze.
 13. From the Finder menu, choose Go, then click on Downloads.
 14. Find the downloaded .ZIP file with your BackBlaze restore and double-click it to un-Zip the compressed file.
 15. Double-click the Macintosh HD folder created from the de-compressed restore file, then open each of the subsequent closing folders to find your Test Recovery Folder.
 16. Verify that your test files are inside the Test Recovery Folder.
- Make sure to keep a secure, replicated, encrypted, off-site, backed-up copy of your data.**
- Subscription info, including your subscription renewal date.** Ideally, this will be sent to you via email.
- Subscription app (www.iPassword.com)** on your Mac, iPhone or iPad.
- For more info, visit <http://support.backblaze.com>**

For more information:
/kb/HT1427

For more information:
<http://www.bombich.com>

- <http://www.bombich.com>
 Limited Secure Online Backup:
<http://secure.backblaze.com/r/00j7zi>
 able to backup practices and tools:
www.anandtech.com/show/8030/backup-guide

And now, some
music to verify
our backups
by...



Support the Cove Apple Club



COVE APPLE CLUB

Now in our **SECOND DECADE** of fun!

[HOME](#)[MEETINGS](#)[EMAIL LIST](#)[SHOP](#)[ARCHIVES](#)

SHARE. LEARN. LAUGH!

Join **over 200 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! The Cove Apple Club has been meeting **every month for over a decade**, and the fun just keeps getting better and better!

We meet twice a month, year-round. Check our [upcoming meeting schedule](#) 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.

Our focus is on Apple products, but we often also look at other new technologies not specific to the Apple platform, ranging from computer security to Internet telephony to changes in the industry to neat new tech gadgets of interest to everyone.

All Apple products are fair game at our meetings: iPad, iPhone, iPod, Apple TV, Apple Watch and Macs of all sizes, as well as the huge world of Apple software, hardware and accessories.

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 [email list](#) for all the latest updates.

Come join us and learn how to DO MORE and HAVE FUN with your Apple gear!



NOT JUST FOR NERDS!

Everyone is welcome at our club meetings. We warmly welcome curious or frustrated PC, Windows and Android users, as well as anyone interested in anything Apple-related. There's a little something for everyone at each and every Cove Apple Club meeting, so don't miss out!

JOIN US!

[Click here for meeting dates and info.](#)

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SUPPORT THE COVE APPLE CLUB WHEN YOU SHOP AT AMAZON.COM

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!

TWO EASY WAYS TO USE THE AMAZON SHOPPING LINK

1. [Just click here](#) — you'll be sent to the Amazon.com homepage.
2. Just click the Amazon banner ad below.



Your Associates account has come up for review in connection with our ongoing monitoring of the Amazon Associates Program. During our review, we have determined that you are not in compliance with the Operating Agreement that governs your participation in the Associates Program and your Associates Program account has been closed. You will not receive further payment of advertising fees.

You are not in compliance because you are encouraging customers to bookmark your Amazon links, as opposed to clicking through your website to reach Amazon. This is not the intent of the Associates Program. Section 7 of the Operating Agreement states that a “Qualifying Purchase” occurs when a customer clicks through a Special Link on your site to the Amazon Site. Purchases resulting from clicks through bookmarked links do not fit this criteria.

You can find the complete terms of the Operating Agreement, including the Participation Requirements and Linking Requirements, via this link:
<https://affiliate-program.amazon.com/gp/associates/agreement>.

We ask that you immediately remove all Amazon Content from your site(s). Any

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Since Our Last Meeting

Sep 11 2017 - Oct 10 2017 / [Last 30 Days](#) Tracking ID: [All](#)

Last Updated: Oct 10 2017 +00:00

Summary

\$285.96

Fees

\$285.96

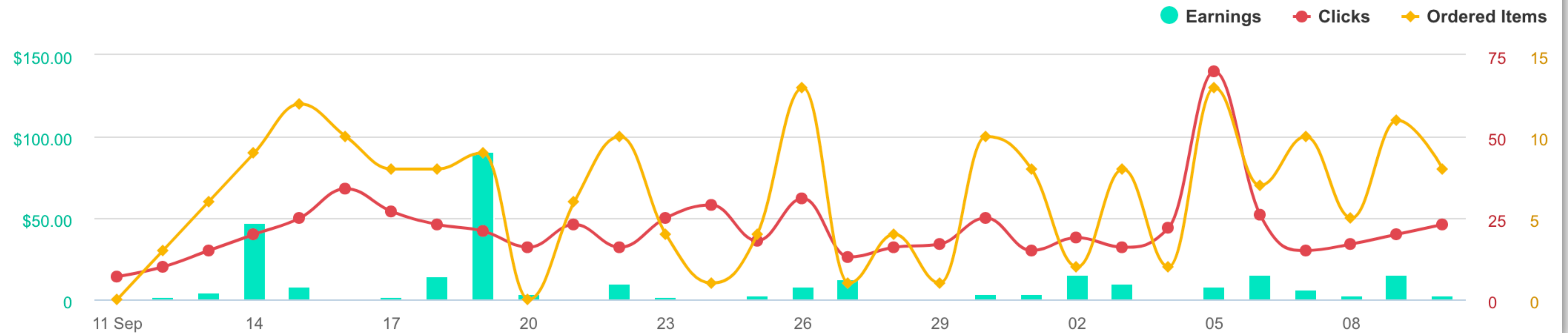
Bounties

\$0.00

Amazon CPM Ads

\$0.00

[Get Started with CPM Ads](#)



2017 YTD

Jan 01 2017 - Oct 10 2017 / [This Year](#) Tracking ID: [All](#) ▼

Last Updated: Oct 10 2017 +00:00

Summary

\$2,549.30

Fees

\$2,532.30

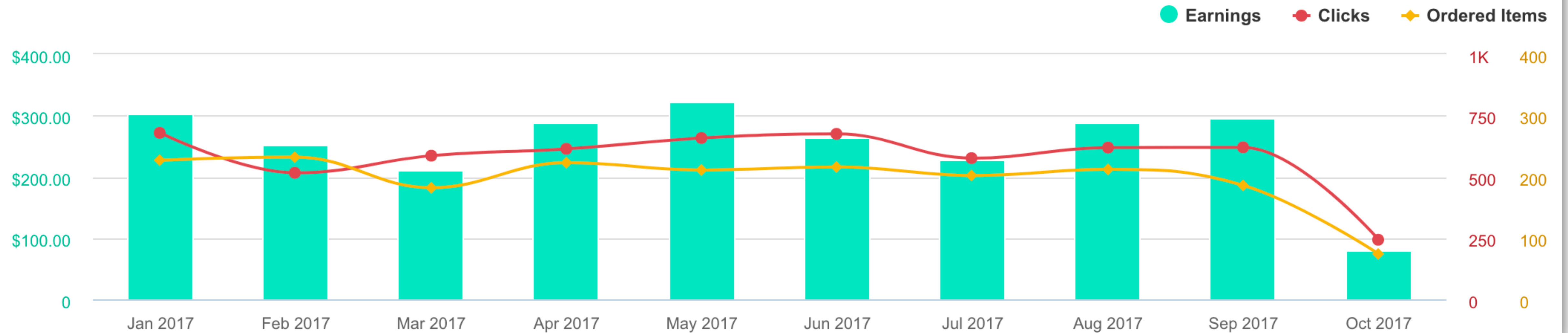
Bounties

\$17.00

Amazon CPM Ads

\$0.00 \$

[Get Started with CPM Ads](#)



At Our Next Meeting

- Special guest speaker!
- Cord Cutting: How you can dump that &\$)(*@#% cable bill and get all your infotainment over the internet — at much lower cost
- Also: a review of some disruptive new cell phone plans, that might be the answer for Canadian snowbirds and world travelers



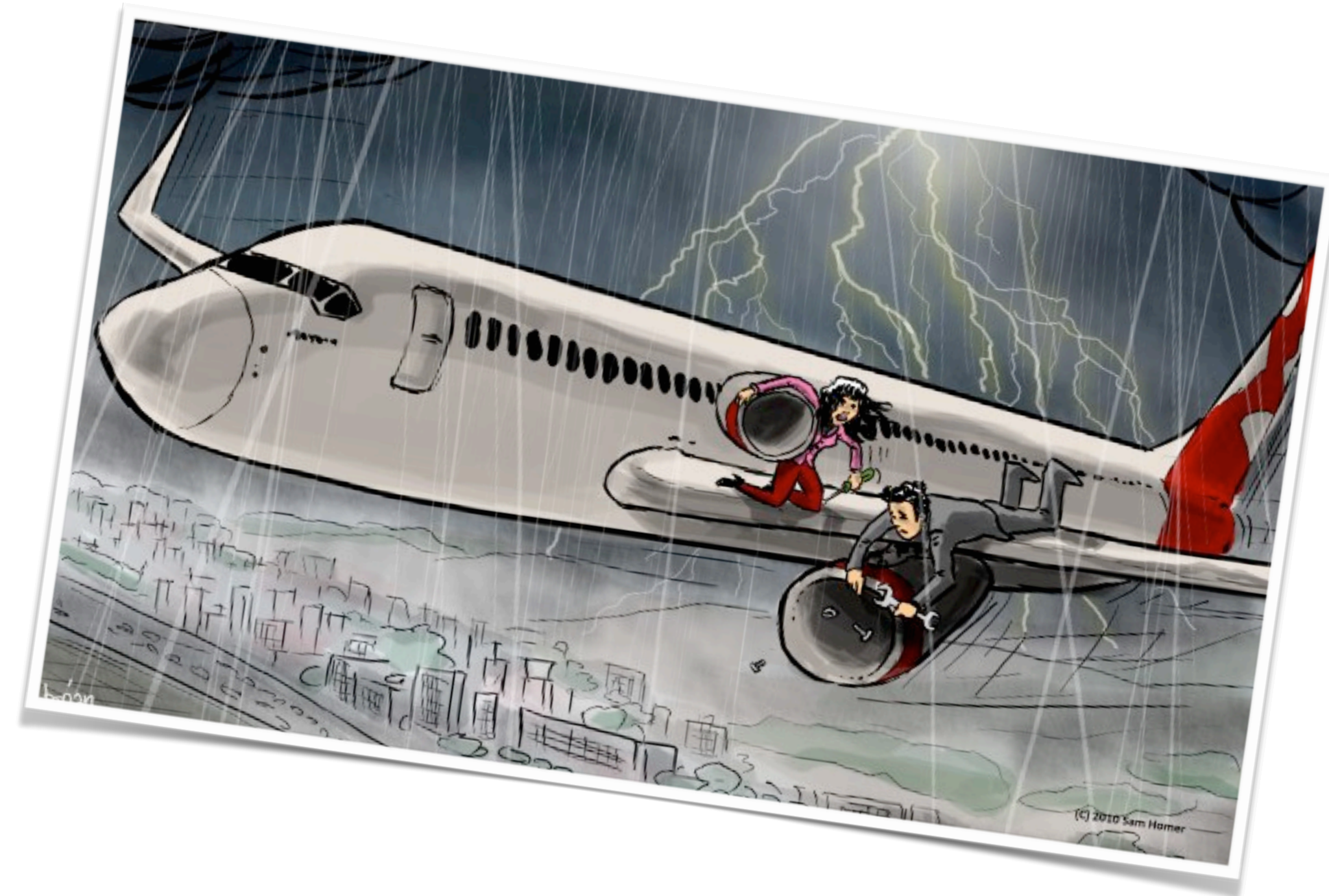
macOS 10.13 High Sierra

macOS 10.13 High Sierra

- The 14th release version of the Mac's modern desktop OS (Mac OS X 10.0 Cheetah, was the 1st version)
- The first to use Apple's new APFS file system
 - Under development for over a decade
 - Was installed by default on all MacBook Airs and all-SSD machines with 10.13
 - Will roll out to Fusion drive and spinning drive machines in an update
- First desktop OS to use HVEC video (H.265), a new, high-performance video compression format to deliver better video with 4x the compression, and resolutions up to 8K UHD
- Free update; runs on every machine that ran 10.12; dropped on September 25

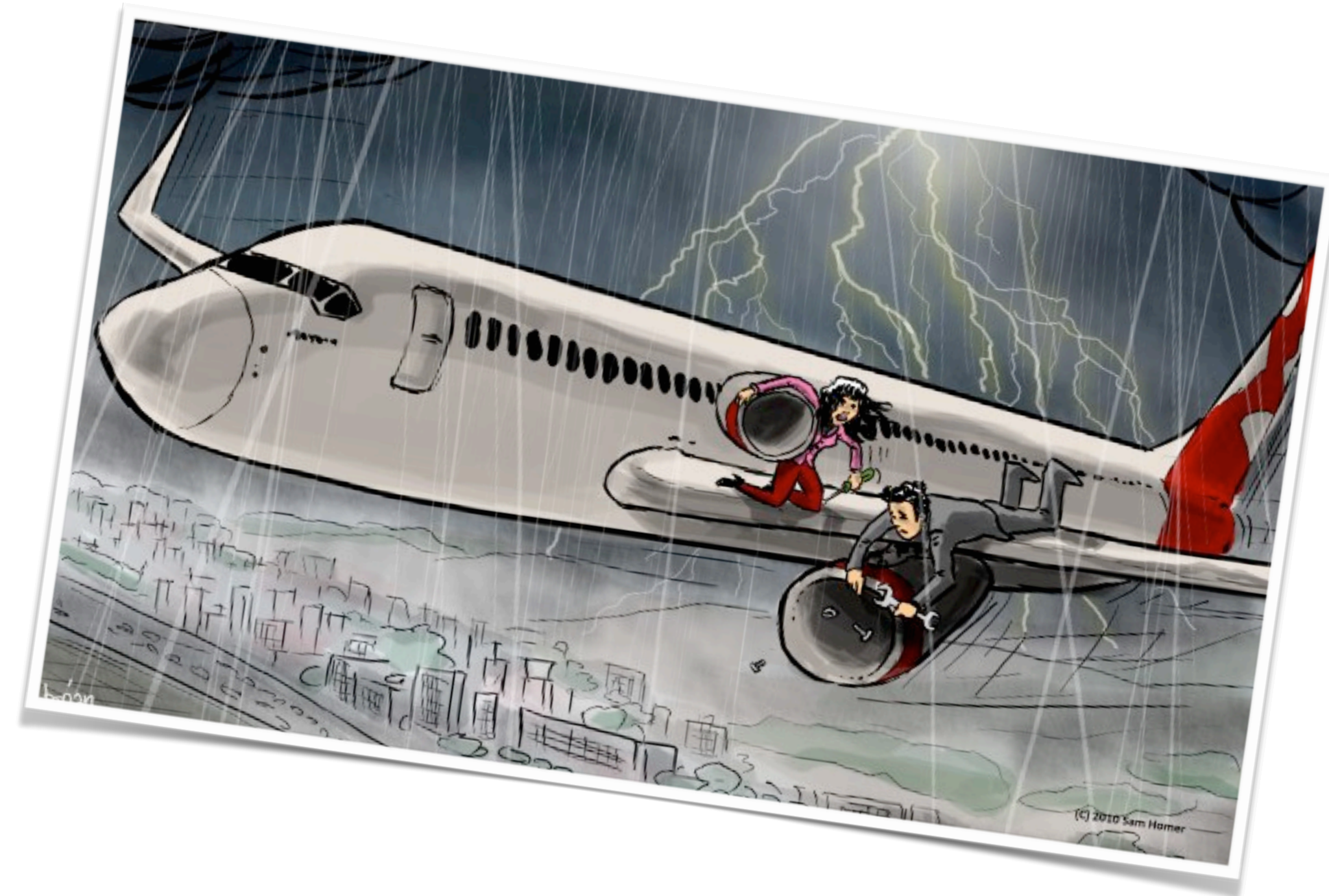
APFS File System

- Like changing the engines on a 747 while in-flight
- In-place reformatting and firmware change to your MacBook Air's internal read/write architecture — in the midst of an OS upgrade — in 27 languages and 80 countries
- Addresses many issues with Apple's decades-old HFS+ and future-proofs Macs for years to come
- Already running on over a billion iOS devices since iOS 10.3



APFS File System

- 64-bit, can address over 9-quintillion files on a single disk
- Cloning: A nearly instantaneous copy of a file or directory that occupies no additional space for file data. Clones allow the operating system to make fast, power-efficient file copies on the same volume without occupying additional storage space.
- Encryption, crash protection, safe-save protection, and much more




Apple's Quick Look at What's New in macOS High Sierra



iCloud Drive

Work on files together

When you share a file in iCloud Drive, you and your team can all work in the same document — and never wonder who has the latest version. Just click , then click Add People.



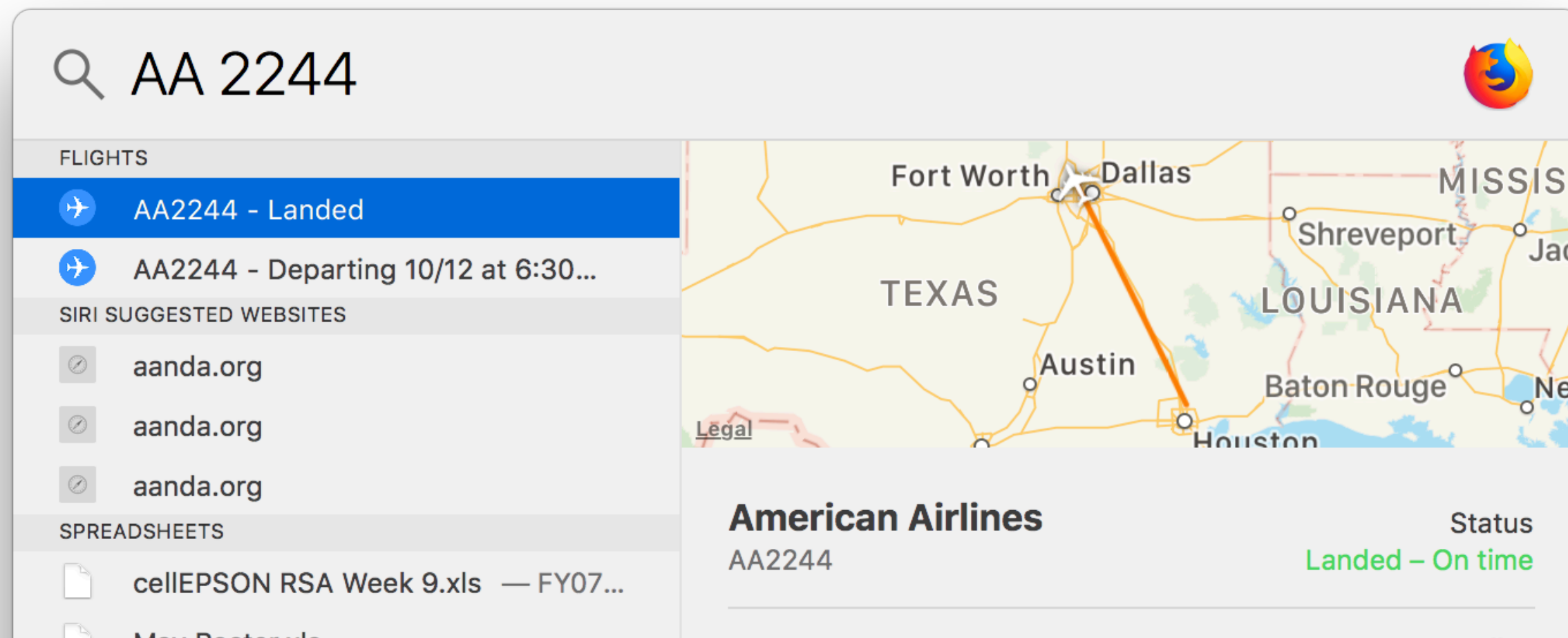
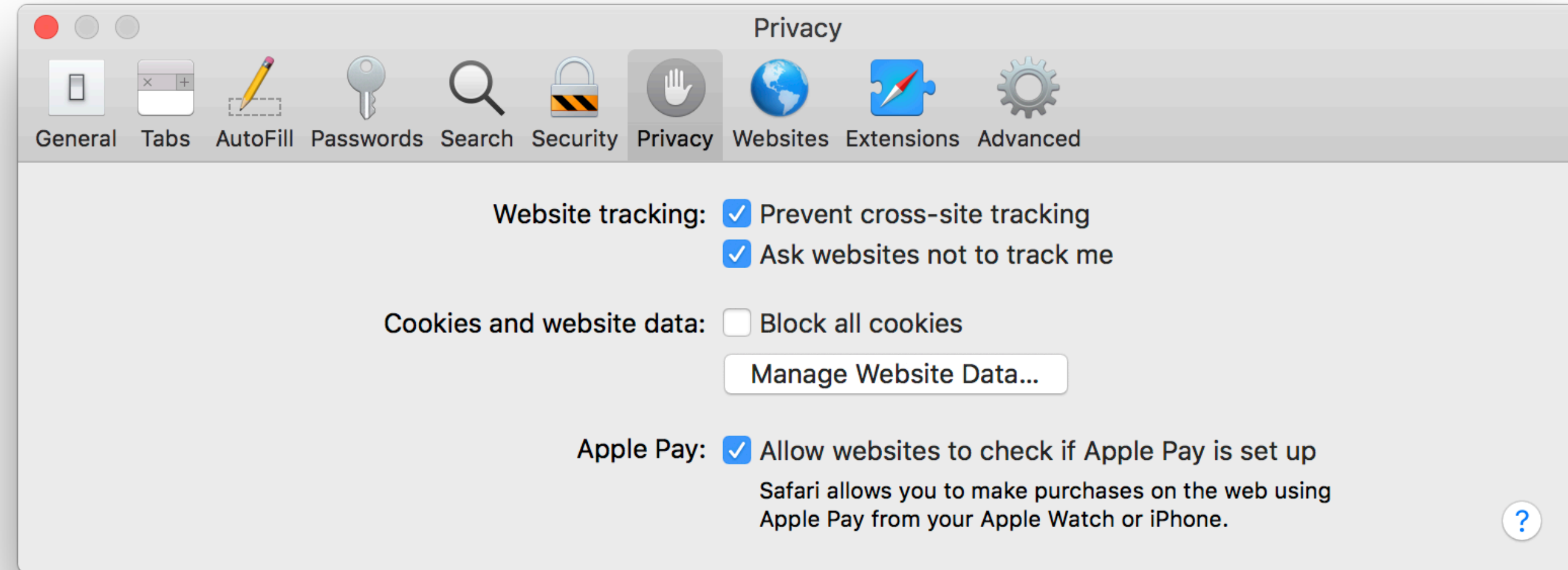
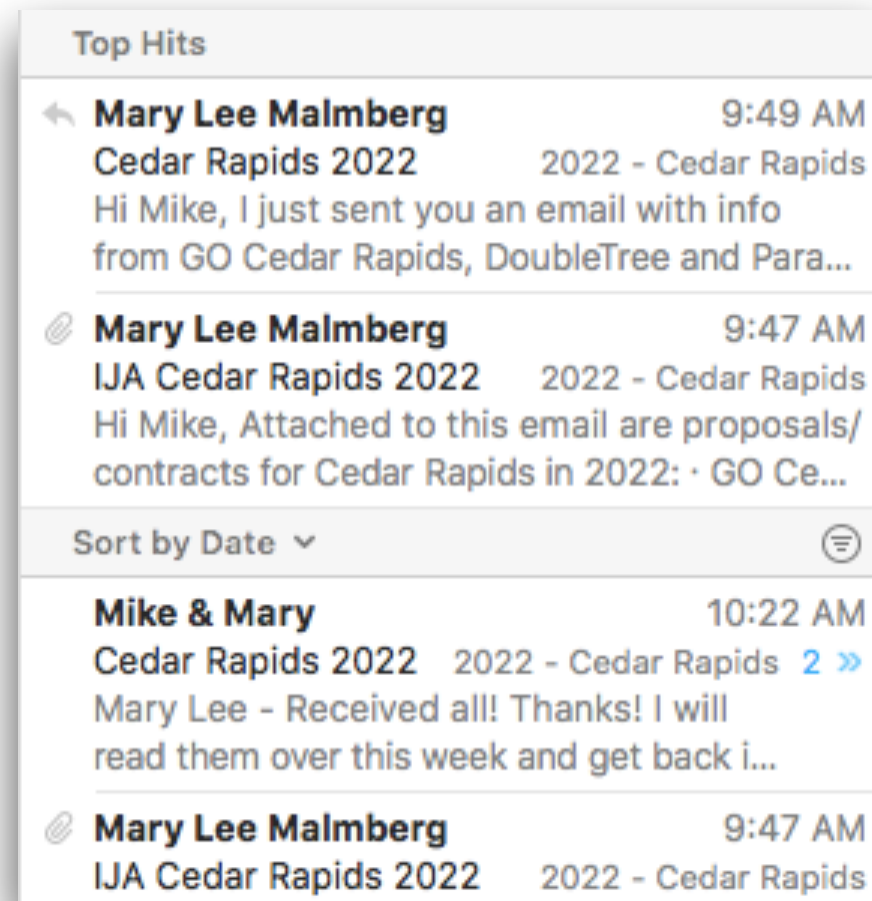
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Next

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Mike's Top 5 Coolest Things in High Sierra



12/06/12

**9th Annual
Cove Apple Club
Holiday Party**

**Cypress Cove
Nudist Resort & Spa**

This Year's Dealio



- Your paid ticket gets you in the door, dinner, and one drink ticket: beer, wine, well or soft
- Non-CAC members: \$35 per person
- Additional drinks on your own account
- Hors d'oeuvres (appetizers), hot and cold dinner buffet & dessert
- Door prizes and games
- Music & dancing!
- Clothing optional, of course!

What / When / How Much

- Wednesday, December 6th - 5:30pm
- **Mandatory schmoozing** cocktail hour before dining room seating opens
- Dinner served about 6:30
- Tickets on sale starting at our October 25th and November 11th meetings, online, and at Mike & Marilyn's trailer-house
- Ticket price: TBA — probably \$15 each



Our Next Meeting

OCT

25

Cove Apple Club
7:00 PM - 8:00 PM

**Adjourn to
Cheeks!**

