

Cloud Computing Overview

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Sun City Computer Club

Agenda for Today

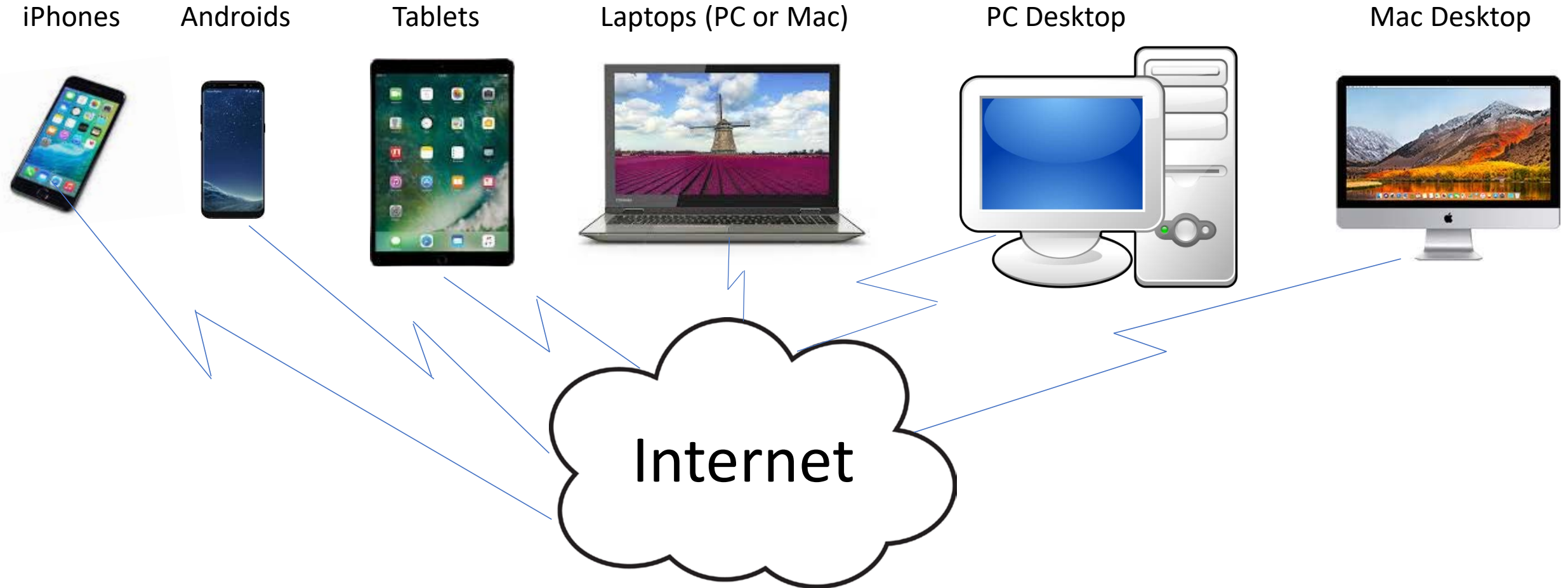
- What is “Cloud Computing” ?
- How can we benefit from using it?
- Discuss a few real life examples
- How can we learn more?

What is Cloud Computing?

- Dictionary Definition

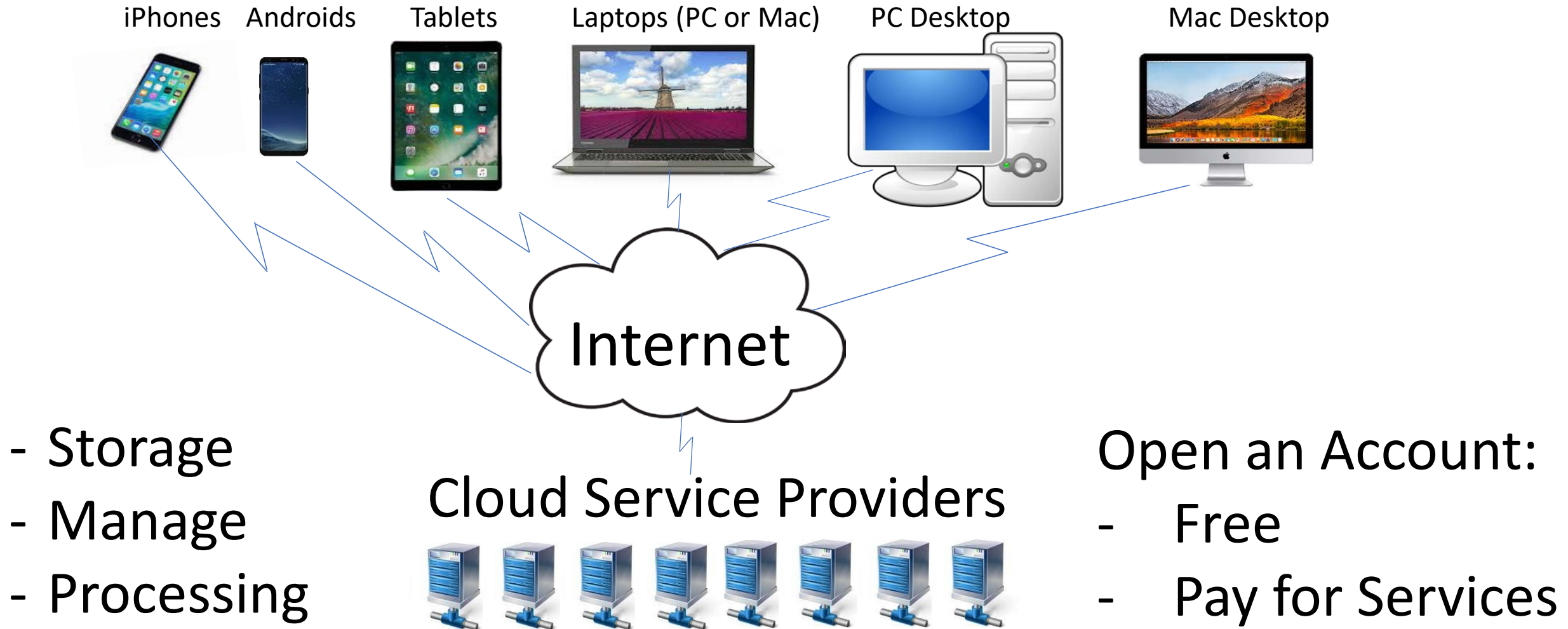
“the practice of using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer.”

What You Most Likely Already Have



What You Need to Add

Applications (Apps) from a Service Provider



Service Provider Data Center(s) May Look Something Like



Service Providers Incur Costs for Services

- Acquire, configure and operate server farms
- Manage robust connectivity to the internet
- Data Backup, and some providers, multiple synchronized data centers
- Logical and Physical Security
- Account Management
- Actual Processing Capabilities
- Develop “Apps” generally at no expense to us

From a Retired Person's Perspective:

Why do we need Cloud Computing?

Retirement Cloud Computing Ideas

- Offsite Backup
- eMail, Calendars, Contacts
- Social Networking
- Organize, Backup, Store & Share
- Clubs, Projects & Collaboration
- Personal Websites
- Entertainment (Video, Podcasts & Music)
- TV (Cutting Cable)
- Education
- Convenience Services
- Subscription Services

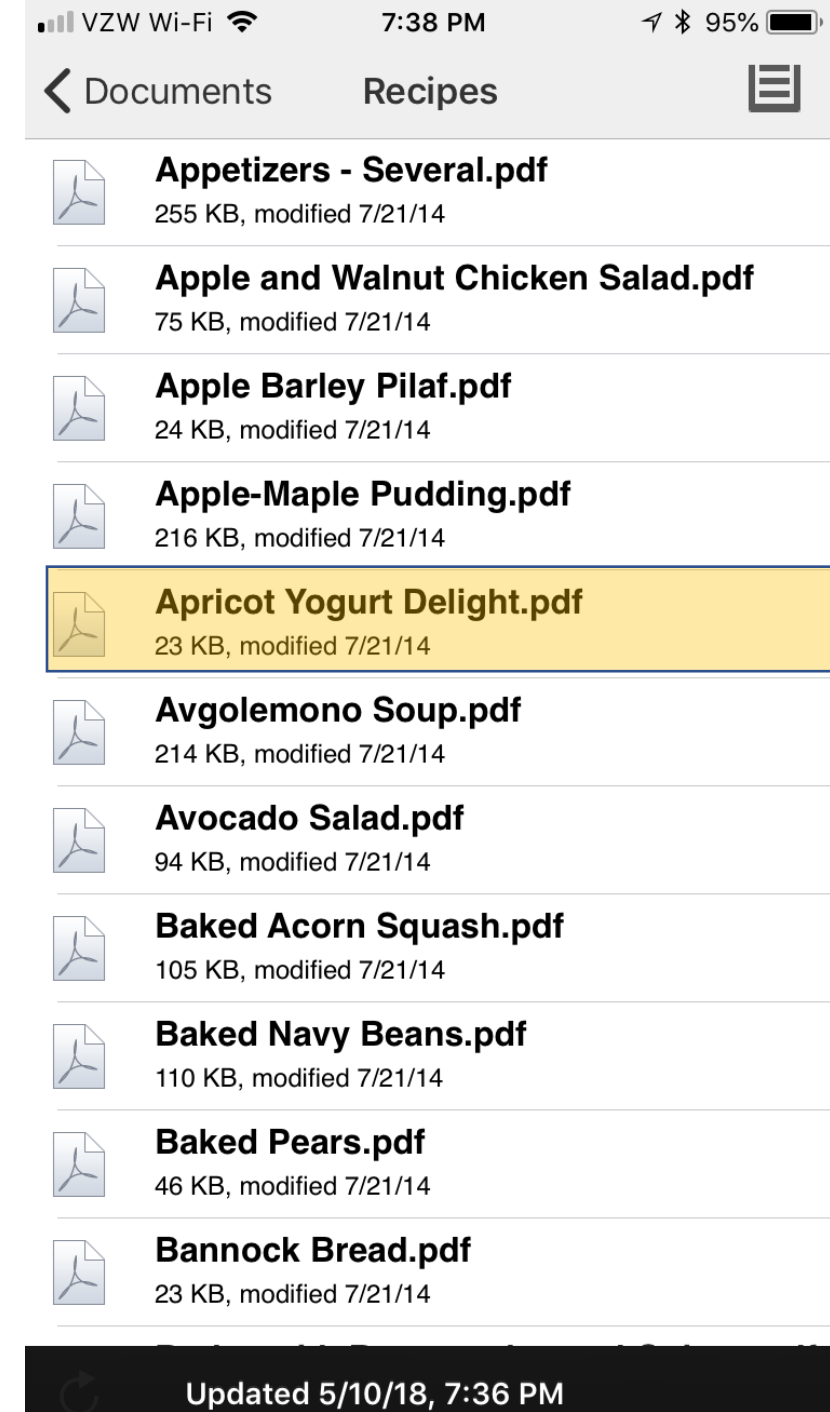
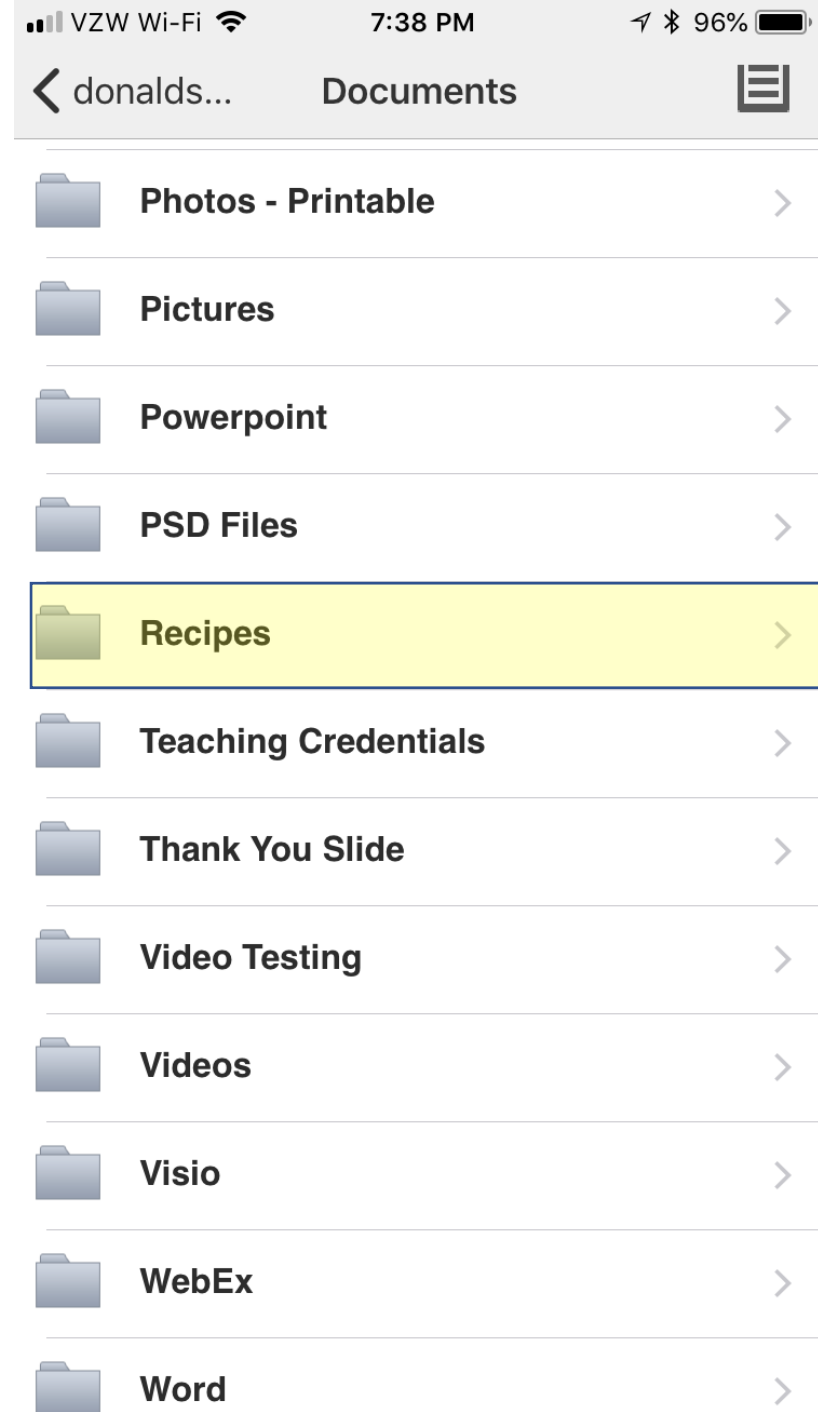
Key: What I teach based on Demand

Offsite Backup
& access data from anywhere with internet
connection

- Carbonite – from \$72/year; unlimited storage
- Idrive - \$52/year; 2 TB (Terrabytes)

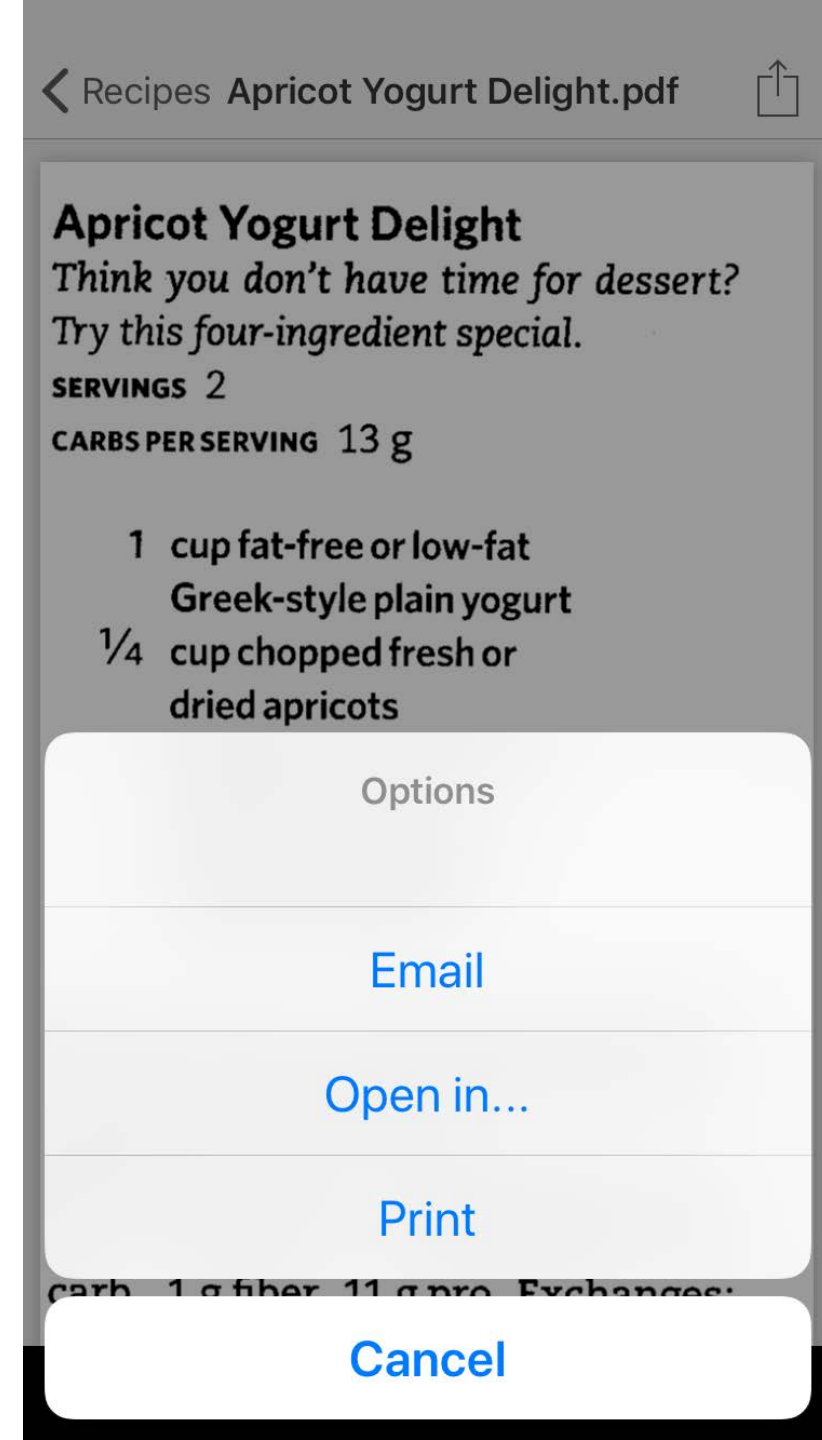
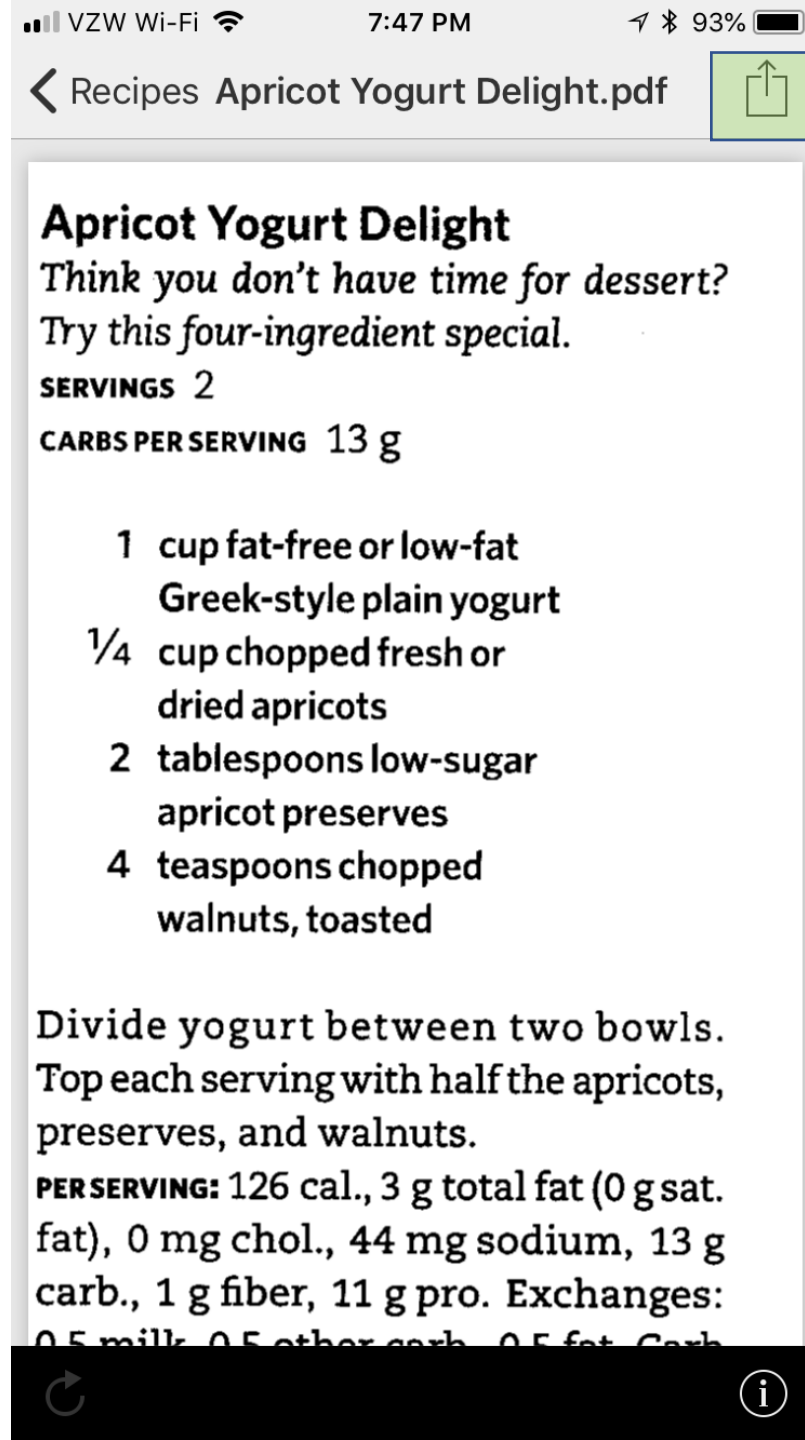
Screen Shot
from my iPhone
Using offsite
Carbonite
backup
Of my iMac


Accessible from
anywhere



Here is the PDF
recipe now
displayed On my
iPhone where I
can:

- View It
- Print it
- Share it
- Open in a
compatible app on
my iPhone to edit






eMail, Calendars & Contacts Free

- Gmail
- Outlook
- iCloud
- Yahoo!Mail
- AOL
- Suddenlink

Social Networking

Free – watch security of the data you share

- Facebook
- Twitter
- Instagram
- LinkedIn
- Snapchat

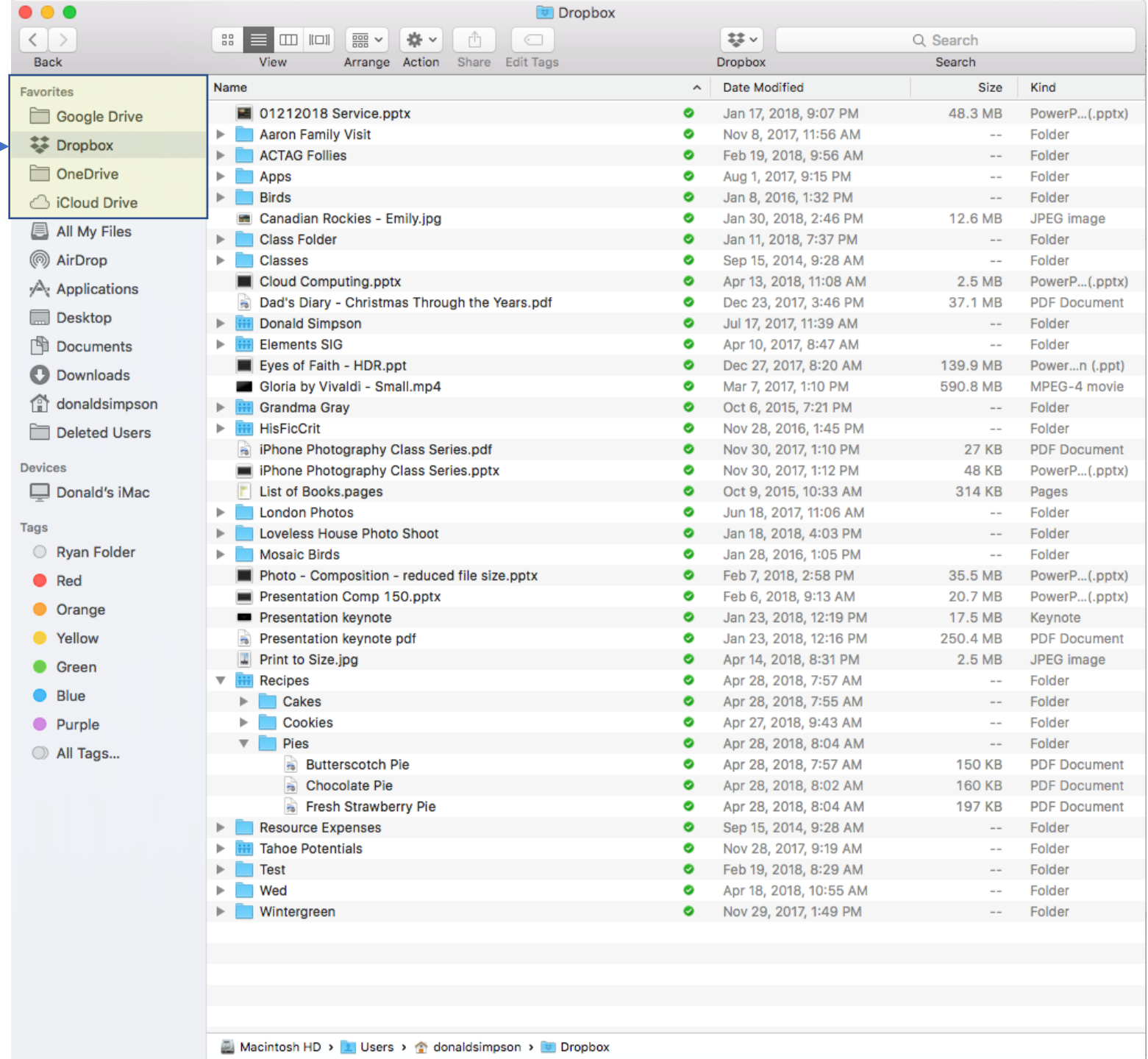


Organize, Backup, Store & Share

- Microsoft – OneDrive
- Apple – iCloud
- Google – Google Photos & Google Drive
- Amazon – Amazon Drive & Prime Photos
- Dropbox

Some of my
Clouds
(Windows
Explorer
Or Apple Finder)

Look just like
files and folders
on an
External drive



Microsoft – OneDrive

- If you have Office365 – you get 1 TB of Storage at no extra cost - \$70/year
- If not, 5 GB Free or 50 GB for \$24/year
- Can Auto Sync Photos with no downgrade
- Any File Types

Apple – iCloud

- 5GB – Free; 50GB - \$12/yr; 200GB - \$36/yr; 2 TB - \$120/yr
- Autosync Photos (be careful)
- I choose not to use it except for storage & synchronization of Calendar, Contacts, Notes, etc.
- Can store other file types but not any file type

Google Photos & Google Drive

- Google Photos – virtually unlimited photos (16 mp) and videos (1080p) – free; autosync from your iDevice
- Google Drive – 15 GB – free; 100 GB - \$24/yr; 1 TB - \$120/yr; any file types

Amazon Drive & Prime Photos

- Prime Photos – unlimited photos with Prime membership; 5GB without Prime
- Amazon Drive – unlimited all file types
- \$60/yr

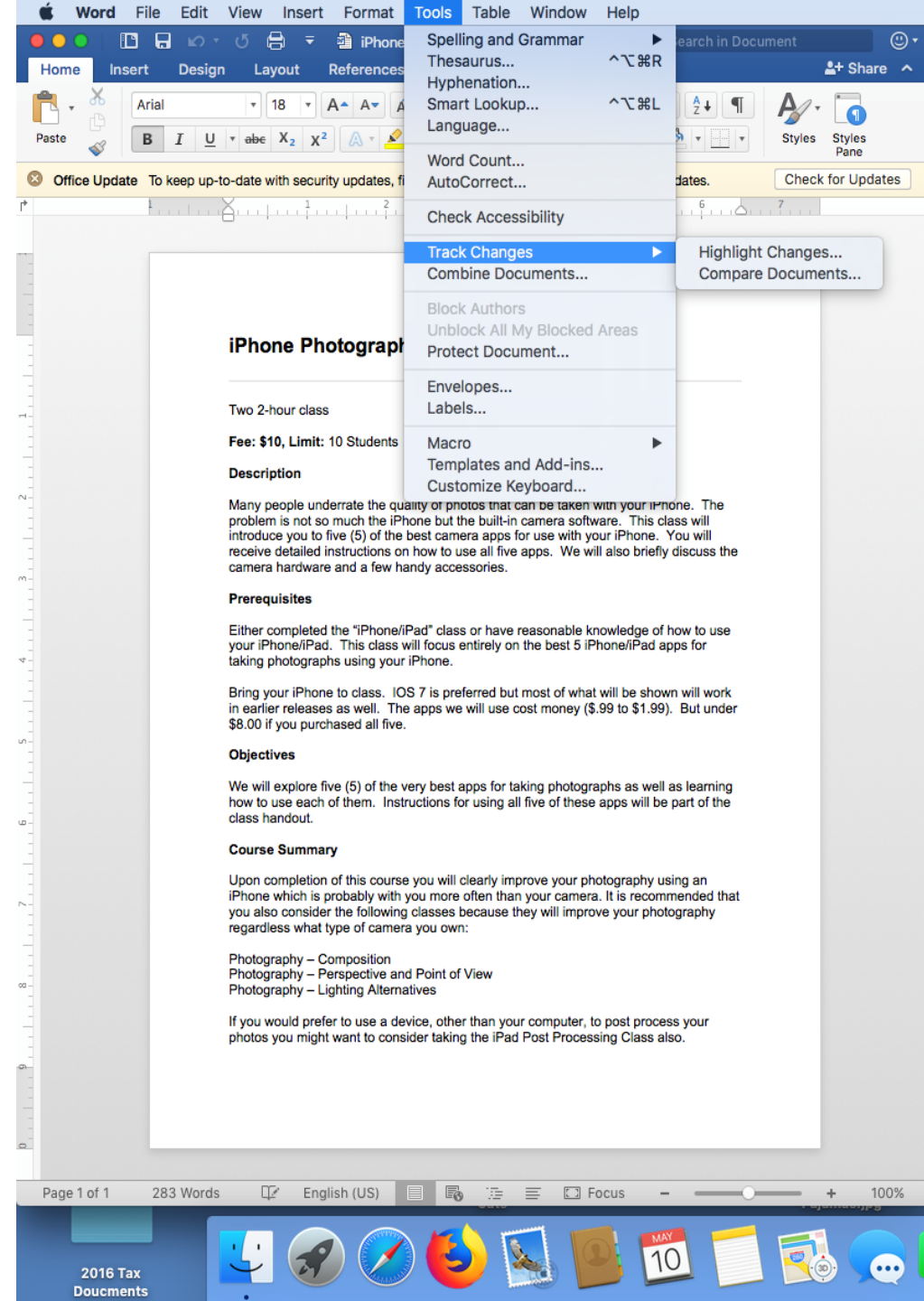
Dropbox

- 2 GB – Free; earn 500MB for each friend that you refer (and sign up) until you reach 8 GB.
- 1 TB - \$100 per year
- Any file type
- Occupies space on each machine connected

Clubs, Projects & Collaboration

- I like either Dropbox or One Drive for collaboration and projects
- Use “Track Changes” feature of MS Word
- Photography Club Elements SIG Example
- Historical Fiction Authors Group Example

Collaborative tools can
be found in Microsoft
Word under “Tools” >
“Track Changes” >
“Highlight Changes”



Personal Websites

- Wix (\$5-\$25/mo; most likely \$11/mo)
- Weebly (Free - \$25/mo); most likely \$8-\$12/mo)
- SquareSpace (\$12-\$18/mo; most likely \$12/mo)
- GoDaddy (\$8-\$30/mo; most likely \$11/mo)

Entertainment Music

- Amazon Music Unlimited (\$8/mo with Prime); tens of millions (using Amazon Echo devices)
- Pandora (free-\$10/mo; channels w/millions)
- Apple Music (\$5-\$15/mo; 45 million)
- Spotify (free-\$10/mo; millions)
- Google Play Music (\$15/mo; 40 million)

Entertainment Video/Tv Shows/Podcasts

- Netflix (\$8-\$14/mo; most likely \$11/mo)
- Amazon Prime Video (free to Prime Users)
- iTunes (\$4-\$5 to rent; \$20+ to buy)
- YouTube (free for most; \$3 + to rent)
- Castbox (free) – very robust App for Podcasts

Digital TV (Cutting Cable)

CHALLENGE – Local/National NBC, CBS, ABC, PBS

- YouTube TV (\$40/mo – 60+, some specials)
- DirecTV Now (\$35/mo – 60+, \$50/mo – 80+, \$70/mo – 120+, special channel packs)
- Sling TV (\$20/mo – 25+, \$25/mo – 40+, \$40/mo – 50+, special channel packs)
- Hulu (\$40/mo – 50+)
- Playstation Vue (\$40 - \$75/mo – 90+ but different channel packs)

Education

- YouTube – mostly free but 10's of thousands of video tutorials on almost anything you want to learn
- My Favorites (B&H Event Space & Adorama TV) - Photography

Convenience Services

- Banking – look for App
- Brokerage – look for App
- Groceries – HEB, Randalls and Walmart
- Photo Development & Renew Prescriptions
– Walgreens, CVS, Walmart
- Paying Bills – Online Accounts
- Transportation – mytaxi, Uber, Lyft

Subscription Services

- Library – OverDrive, Open Library
- Newspapers & Magazines
- eBooks
- Software

Computer Classes to Consider

- Mac-Files/Folders
- Windows Files & Folders
- Cloud Computing
- eBay 101 & 102
- Facebook
- Mac – iCloud Basics
- Weebly: Basic Web Design
- iTunes for Windows & Mac

Questions