

Sharing and Collaboration in the Cloud



Washington Apple Pi General Meeting
August 23, 2014

Presenters: Diana King, Jay Castillo, Roy Wagner, Lawrence Charters, Larry Kerschberg, Raju Tonapi, Jonathan Bernstein, and the audience

Outline of Presentation

[Diana]

- ✦ Brief Review of Cloud Computing
- ✦ Sharing and Collaboration using Mac, iOS and Windows.
 - ✦ iCloud and iWork (Pages, Keynote, and Numbers) [Roy]
 - ✦ Google Drive and Google Docs (~~no desktop versions~~) [Lawrence]
 - ✦ MS OneDrive and Office365 (Word, PowerPoint, and Excel) [Larry]
- ✦ Comparison of the three productivity suites
- ✦ Case studies from the audience

Cloud Computing Review

[Jay]

- ✦ Computing and Software as a Service
 - ✦ The Web Servers can host your data and applications
 - ✦ Pay based on usage;
 - ✦ Lease software rather than own it.
- ✦ Synchronization of files across multiple computers
- ✦ Cloud services: Dropbox, iCloud, Google Drive, OneDrive, Amazon Web Services, SugarSync, and the like.

Apple's iCloud and iWork

Web
Browser
version



The Apple iCloud

Apple's very own cloud service is integrated into Mac OSX and iOS

iCloud integrated into applications.

iDrive coming to Mac OSX Yosemite and iOS 8. (Will replace iCloud)



Choose your browser.

iWork for iCloud works with Safari 6.0.3 or later,
Chrome 27.0.1 or later, and Internet Explorer
9.0.8 or later.



Apple's iWork

icloud.com

Login: Your AppleID



iCloud Home Screen:

iCloud

Roy Wagner ▾ | ?



Mail



Contacts



Calendar



Notes



Reminders



Find My iPhone



Pages



Numbers



Keynote

Apple's iCloud Security:

Security and iCloud Features

The table below summarizes how your data is secured when using various iCloud features:

Data	Encryption		Notes
	In transit	On server	
Calendars	Yes	Yes	A minimum of 128-bit AES encryption
Contacts	Yes	Yes	
Bookmarks	Yes	Yes	
Reminders	Yes	Yes	
Photos	Yes	Yes	
Documents in the Cloud	Yes	Yes	
Backup	Yes	Yes	
Find My iPhone	Yes	Yes	
Find My Friends	Yes	Yes	
iCloud Keychain	Yes	Yes	
iCloud.com	Yes	N/A	All sessions at iCloud.com are encrypted with SSL. Any data accessed via iCloud.com is encrypted on server as indicated in this table.
Back to My Mac	Yes	N/A	Back to My Mac does not store data on iCloud. Data retrieved from other computers is encrypted with SSL while in transit.
iTunes in the Cloud	Yes	N/A	Purchased or matched music files are not encrypted on server because they do not contain any personal information.
Mail and Notes	Yes	No	All traffic between your devices and iCloud Mail and Notes is encrypted with SSL. Consistent with standard industry practice, iCloud does not encrypt data stored on IMAP mail servers. All Apple email clients support optional S/MIME encryption.

iCloud Pages Screen:

Search for documents



Create Document

Create a new Pages document.



Word .doc Files
Today, 12:48 PM





Ask Siri
Today, 12:35 PM



Things to D... on Vacation
Today, 11:25 AM

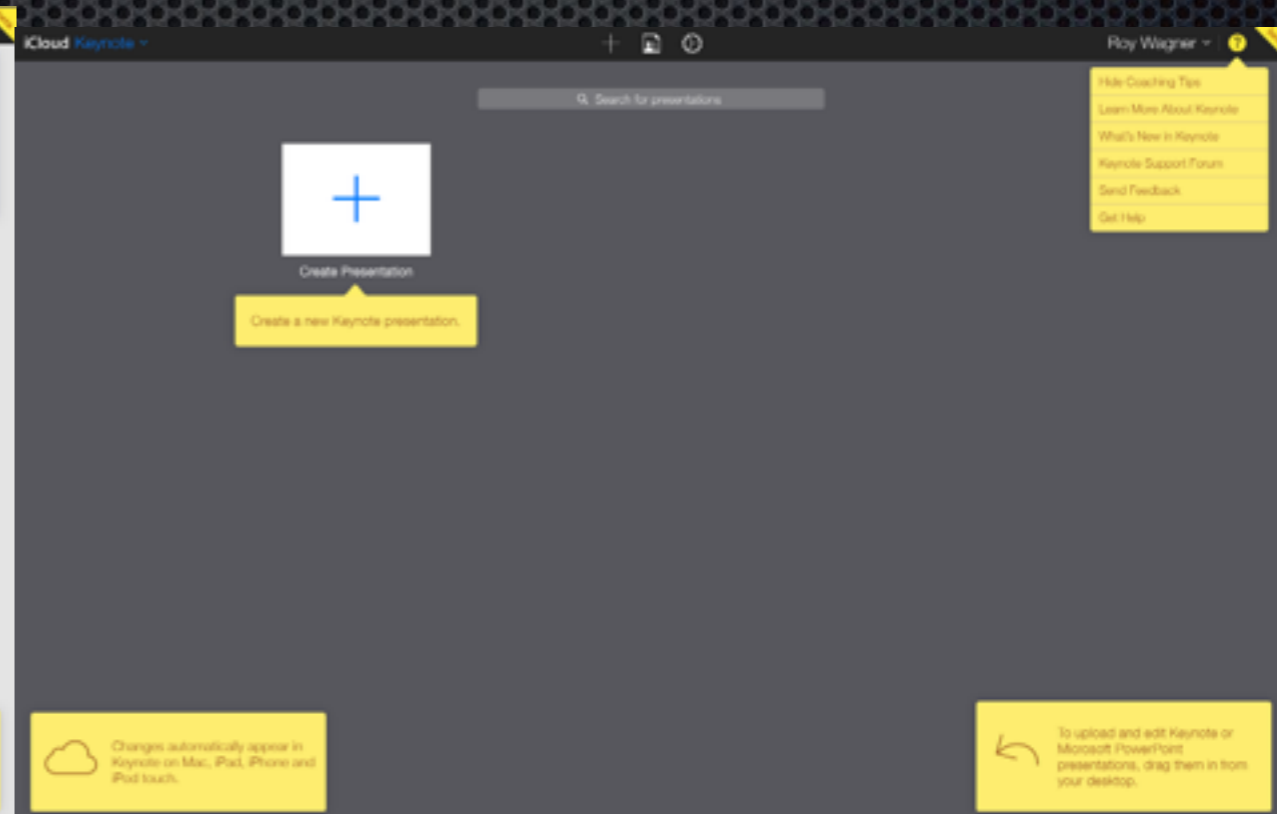
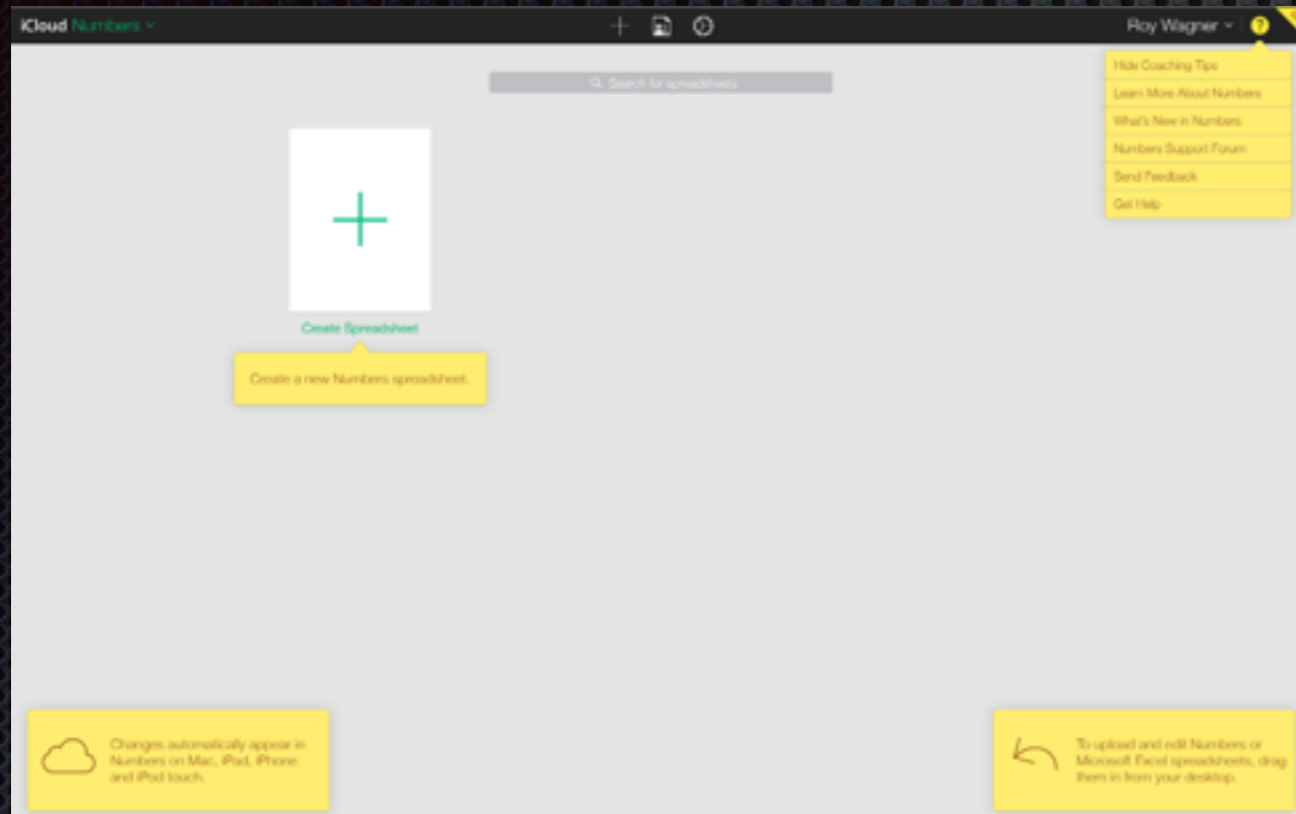
- Hide Coaching Tips
- Learn More About Pages
- What's New in Pages
- Pages Support Forum
- Send Feedback
- Get Help

 To create a folder, select one or more documents, then drag them onto another document.

 To upload and edit Pages or Microsoft Word documents, drag them in from your desktop.

iCloud Numbers

iCloud Keynote



All Look and Function the Same

iCloud Options Menu:

The screenshot shows the iCloud Options Menu in the Pages app. The menu is open, displaying various Apple services and apps. The 'Pages' app icon is highlighted with a blue glow. Below the menu, a yellow callout box says 'Create a new Pages document.' The background shows a document viewer with a search bar and several document thumbnails. In the top right corner, the user's name 'Roy Wagner' is visible next to a help icon. A yellow 'beta' badge is also present in the top right corner.

iCloud Pages ▾

+

📄

⚙️

Roy Wagner ▾ ?

beta

Search for documents

Mail

Contacts

Calendar

Notes

Reminders

Find My iPhone

Pages

Numbers

Keynote

Home

Create Document

Things to D...loc Files
Today, 12:48 PM

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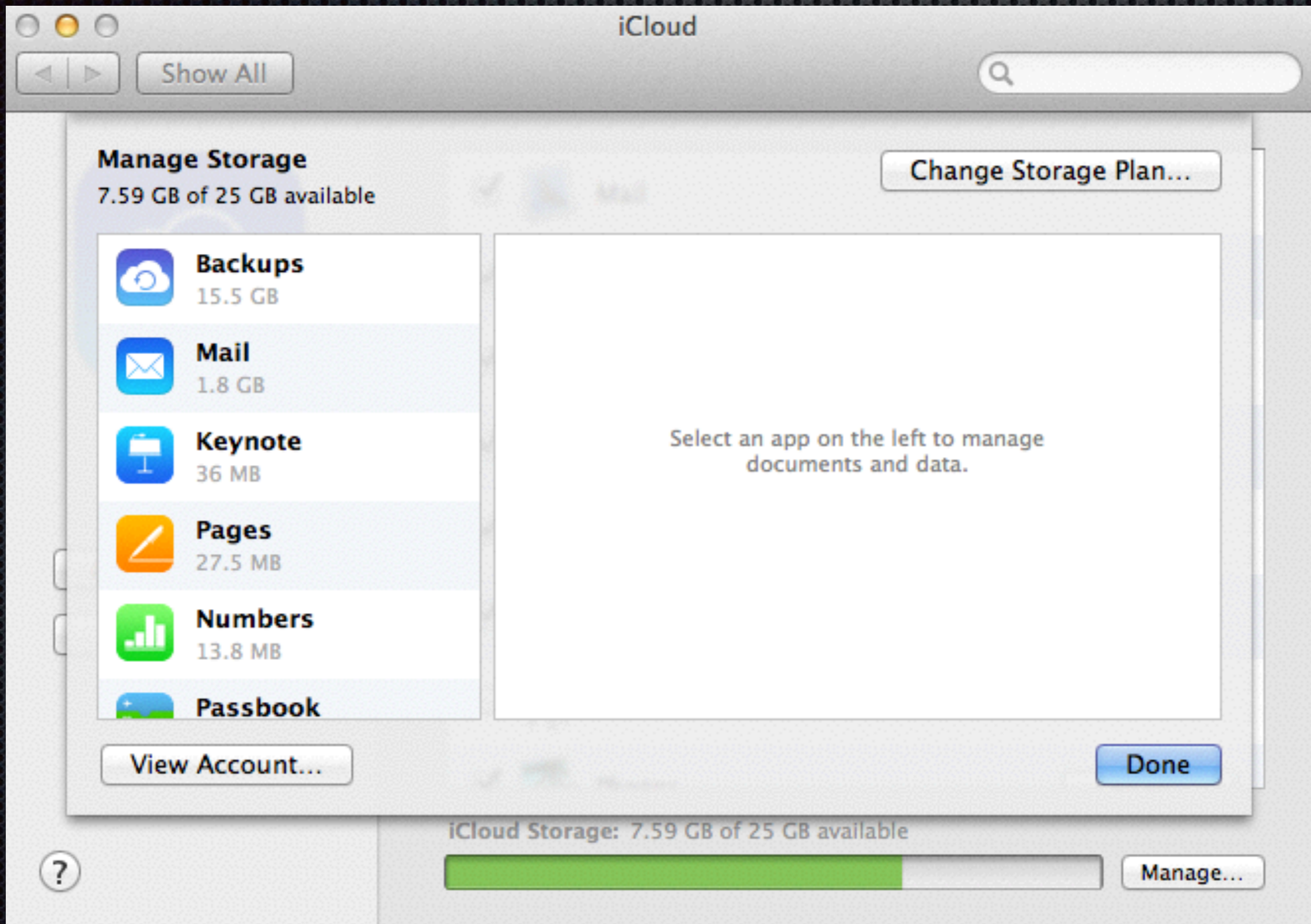


To upload and edit Pages or Microsoft Word documents, drag them in from your desktop.

System Preferences:



System Preferences:



Manage Your iCloud Storage:

Manage Storage
7.59 GB of 25 GB available

[Change Storage Plan...](#)

	Backups 15.5 GB
	Mail 1.8 GB
	Keynote 36 MB
	Pages 27.5 MB
	Numbers 13.8 MB
	Passbook

[View Account...](#) [Done](#)

Christmas photos 2011.pages-tef	4.3 MB
NVV Walk Agreement and Other Forms.pages	1.3 MB
NVV Walk Agreement and Other Forms.pag...	1.3 MB
Gaz's Cocktail Book - The Path of the Barte...	846.5 KB
Gaz's Cocktail Book - The Path of the Barte...	768.9 KB
Coaching Database - Basic Table Set.pages	593.6 KB
Daily Did I?.pages-tef	565.7 KB
iCloud Pi November Meeting.pages-tef	455.9 KB
Moving NVV into the Future 2.pages	451.8 KB
Moving NVV into the Future.pages	451.8 KB
Kindle Notes.pages	445.4 KB

Delete Additional data: 4.5 MB Delete All

iCloud Storage: 7.59 GB of 25 GB available

[Manage...](#)

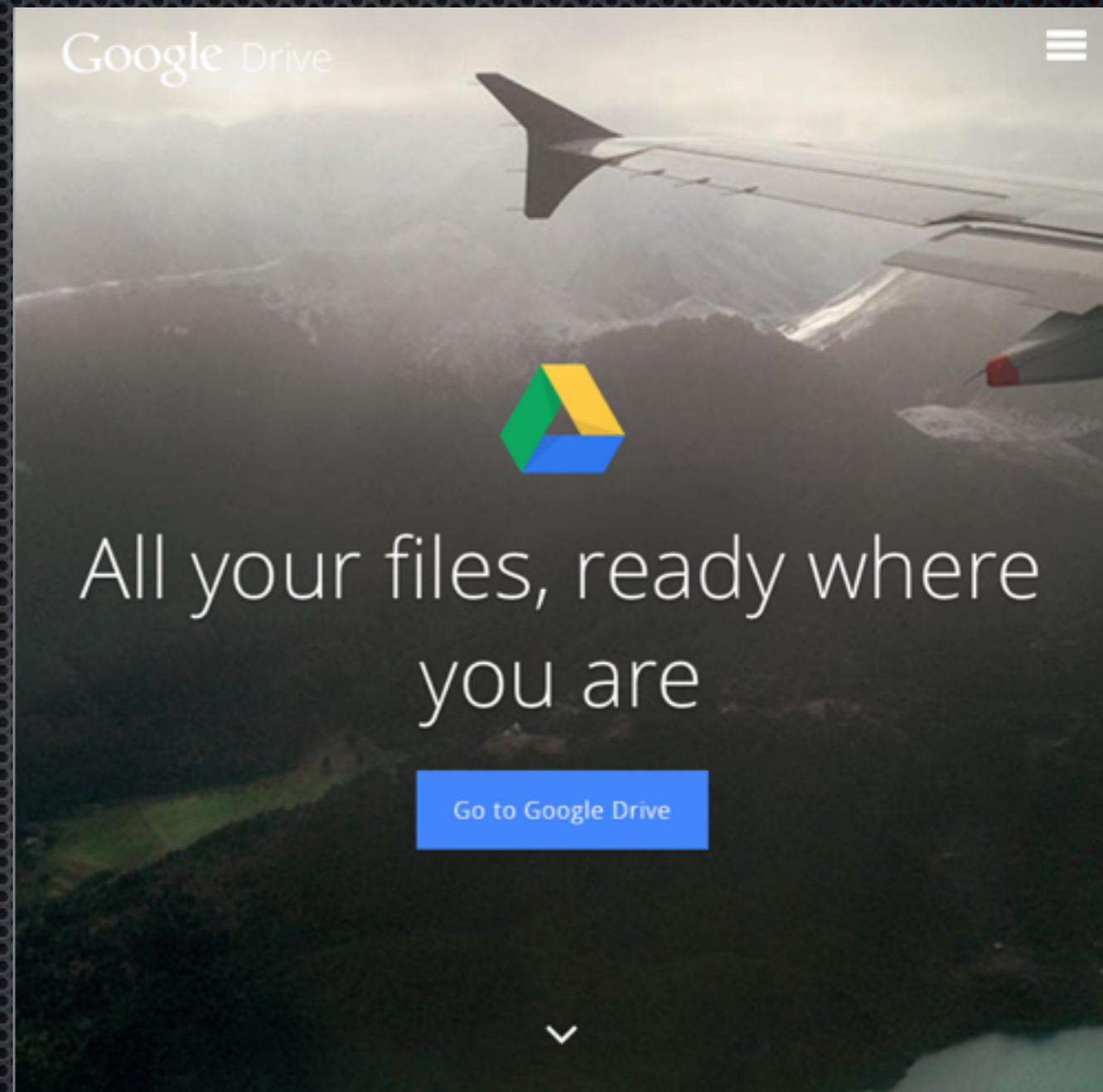
iWork Collaboration with Pages and Keynote

- ✦ Show the iWork web site and online collaboration using the Web as well as Mac or iOS apps.
- ✦ Create a Pages or Keynote document on your Mac or iOS device
- ✦ Share it with a friend or colleague
- ✦ Edit the document in real time
- ✦ Show some nice features of Pages and Keynote

Google Drive and Google Apps [Lawrence]

Google's philosophy is
that everything can be
done online

Google Drive and GDocs

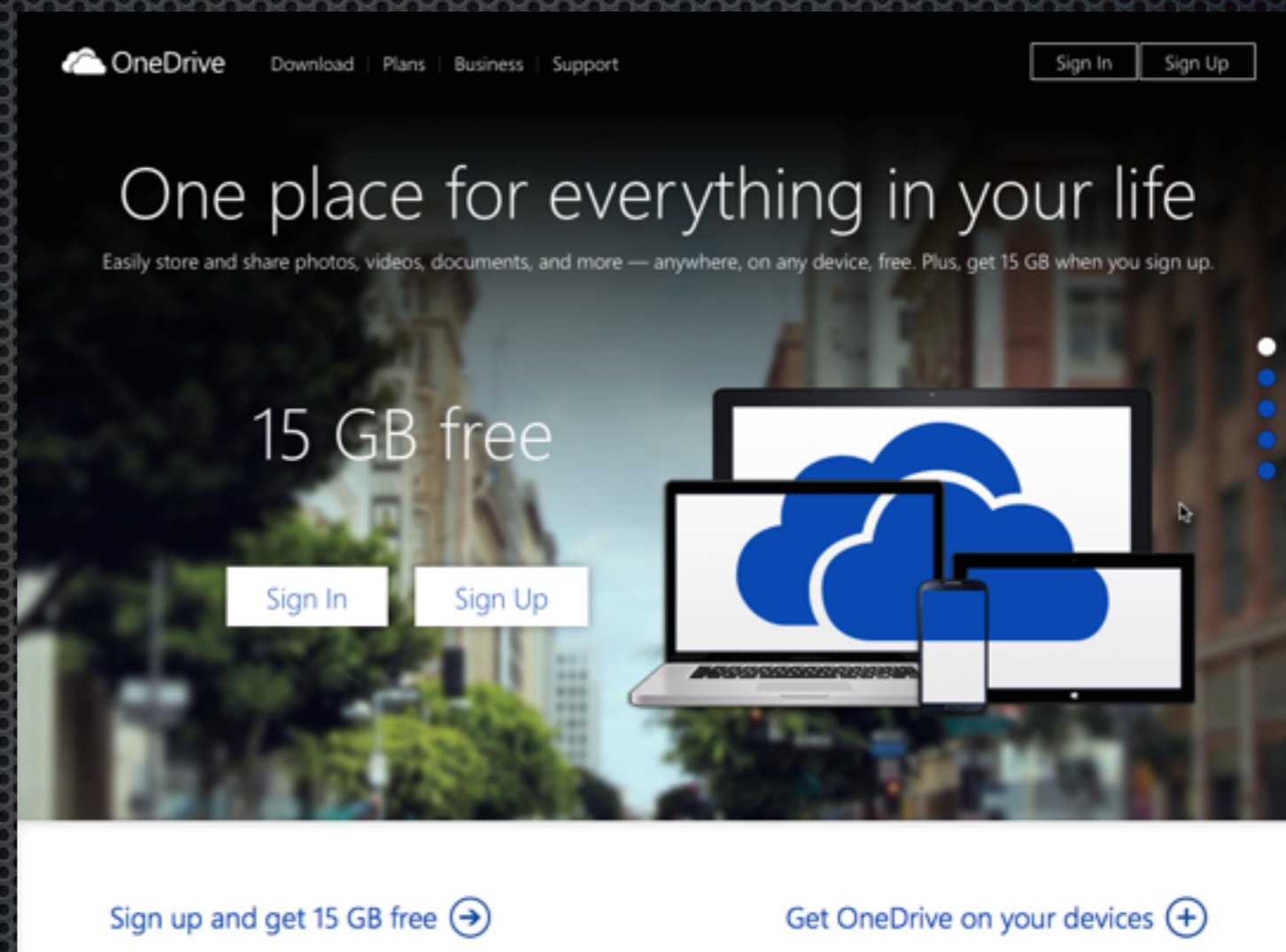


Google Drive and Collaboration with Google Docs

- ✦ Show Google Drive web site with online collaboration using the Web.
- ✦ Create a document on your Mac or iOS device
- ✦ Share it with a friend or colleague
- ✦ Edit the document in real time
- ✦ Show some nice features of Google Drive.

Microsoft OneDrive and Office 365 Apps [Larry]

Microsoft under its new CEO, Satya Nadella, is oriented towards cloud services



The screenshot shows the Microsoft OneDrive website homepage. At the top left is the OneDrive logo, followed by navigation links for "Download", "Plans", "Business", and "Support". On the top right are "Sign In" and "Sign Up" buttons. The main headline reads "One place for everything in your life" with a sub-headline: "Easily store and share photos, videos, documents, and more — anywhere, on any device, free. Plus, get 15 GB when you sign up." Below this, the text "15 GB free" is prominently displayed. There are two "Sign In" and "Sign Up" buttons. To the right, there is an illustration of a laptop, a tablet, and a smartphone, all displaying the OneDrive logo. At the bottom, there are two call-to-action buttons: "Sign up and get 15 GB free" with a right-pointing arrow icon, and "Get OneDrive on your devices" with a plus sign icon.



Microsoft is not the Evil Empire

Steve and Bill at the 1997 MacWorld Conference.
Bill Gates invested \$150 Million to give Apple a lifeline.
The rest is history!

Microsoft OneDrive and Collaboration with Office Applications

- ✦ Show OneDrive web site with online collaboration using the Web apps.
- ✦ Create a Word document on the Mac or iOS device
- ✦ Share it with a friend or colleague
- ✦ Edit the document in real time
- ✦ Show some nice features of MS Office for iPad.

Which Cloud Service is right for you?

- ✦ Why bother to choose? Get them all!
- ✦ On a budget? Free is good!
- ✦ Are you retired?
- ✦ Do you own a business? Do you need to use MS Office to create and submit documents?
- ✦ Do you collaborate with family, friends and colleagues?
- ✦ Are you worried about security?

Comparison of Services/Costs

	Apple iCloud (current)	Apple iCloud Drive (new)	Microsoft OneDrive	Google Drive	Dropbox
Free	5GB	5GB	15GB (8GB Bonus for signing up)	15GB	2GB (up to 16GB Bonus for signing up)
20GB	\$3.33/month or \$40/year	\$0.99/month	Free with Office 365 subscription (\$6.99 a month)	Not Available	Not Available
50GB	\$8.33/month or \$100/year	Not Available	\$2.08/month or \$25/year	Not Available	Not Available
100GB	Not Available	Not Available	\$4.16/month or \$50/year	\$1.99/month	\$9.99/month
200GB	Not Available	\$3.99/month	\$8.33/month or \$100/year	Not Available	\$19.99/month or \$199.99/year
1TB or higher	Not Available	Unannounced	One Drive and OneDrive for Business \$2.50	\$9.99/month	\$15 per user/month for unlimited storage
Platforms	Windows, Mac, iOS	Windows, Mac, iOS	Windows, Mac, Android, iOS	Windows, Mac, Android, iOS	Windows, Mac, Android, iOS ₂₂

Audience Case Studies