

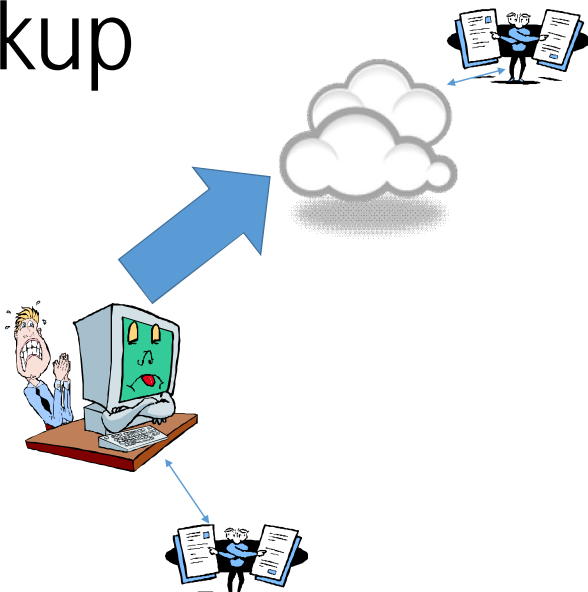
Using the Cloud

Howard Verne
7/10/2013

Simple Backup

e.g. Carbonite

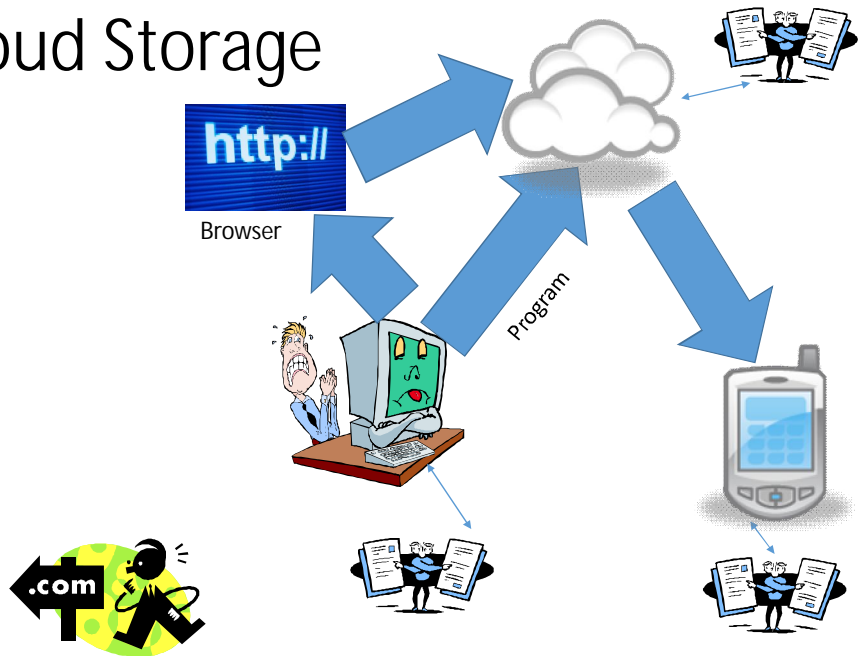
- Only Data
- Pictures
- Music
- Etc
- No Programs
- No Windows



HV1

Most Cloud Storage

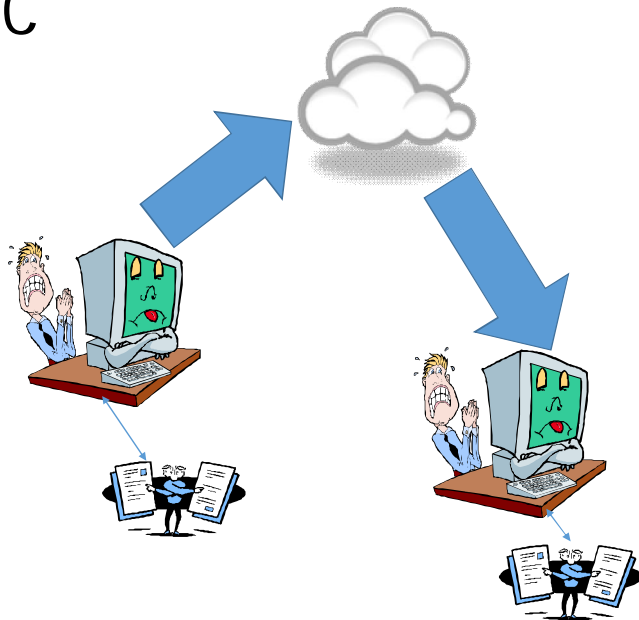
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Simple Sync

e.g. P2P

- Only Data
- Pictures
- Music
- Etc
- No Programs
- No Windows



Slide 3

HV1 Howard Verne, 6/18/2013

Concerns

- Security
 - Is the data stored in the cloud encrypted?
- Multi System
 - Is a client available for my PC/Phone/Tablet/etc?
- What happens if vendor goes out of business?
- Sharing
 - Can I easily share selected items with others
- Selectivity
 - Can I select what folders are stored on each device
- Cost
 - Free amount/conditions
 - Cost of add-ons

Common Cloud Storage Sites

- SkyDrive
 - Microsoft <http://Skydrive.live.com>
 - Win, Mac, IOS, Android
- iCloud
 - Apple <http://www.apple.com/icloud>
 - Mac (Lion), IOS , Windows

Common Cloud Storage Sites

- Google Drive
 - Google <http://drive.google.com>
 - Win, Mac, IOS, Android
- DropBox
 - Dropbox www.dropbox.com
 - Win, Mac, IOS, Android
- Amazon
 - Amazon www.amazon.com
 - Win, Mac, IOS, Android, purchased MP3 files stored for free.

Another Summary

Service	Storage Space				special use
	Free	25-30GB	50GB	more	
Amazon Cloud Drive	5GB		\$25 per year	1,000GB: \$500 per year	
Amazon Cloud Player	250 songs			250,000 songs for \$24.99 per year	music
Apple iCloud	5GB	\$40 per year (25GB)	\$100 per year (55GB)		
Apple iTunes Match	n/a			25,000 songs not purchased through iTunes	music
Bitcasa	10GB			infinite storage for \$10 per month (starting 2013)	
Box (Personal)	5GB	\$9.99 per month (25GB)	\$19.99 per month		
Cubby	5GB			100GB: \$6.99 per month (plans up to 1TB available)	peer-to-peer sharing
CX	10GB	\$4.99 per month (25GB)	\$9.99 per month	175GB: \$24.99 per month	
Dropbox	2GB			100GB: \$9.99 per month / \$99 per year	

Another Summary

Service	Storage Space				special use
	Free	25-30GB	50GB	more	
Google Drive	5GB	\$2.49 per month (25GB)		100GB: \$4.99 per month 150GB: \$4.95 per month / \$49.50 per year	real-time collaboration for backup, not syncing
iDrive	5GB			500GB: \$14.95 per month / \$149.50 per year	
iDriveSync	10GB				
Microsoft SkyDrive	7GB	\$10 per year (27GB)	\$25 per year (57GB)	107GB: \$50 per year 100GB: \$4.99 per month / \$49 per year	
MiMedia	7GB				
Mozy	n/a		\$19.99 per month per computer	1TB: \$379.99 per month per computer (monthly commitment)	
SafeSync for Home	n/a	\$23.95 per year (20GB)		100GB: \$89.95 per year	
SOS Online Backup (Home)	n/a	\$300 per year (25GB)	\$60 per month / \$600 per year	larger accounts quoted privately	unlimited version history
SugarSync	5GB	\$9.99 per month \$99.99 per year		100G: \$14.99 per month / \$149.99 per year	

Basic Recommendation

- Stick with the environment you use most
 - If you are a Microsoft person, use SkyDrive
 - If you are a Apple person, use iCloud
 - If you are an Kindle person, use Amazon
 - If you are a Google/Android person, use Google Drive

- If you have special needs
 - You want a version that works on Thumb Drives, use Dropbox
 - If you want it free, check sites - as prices change frequently
 - If you use a mixed environment
 - Make sure your selected system supports all your devices
 - If several apply, see which supports your largest disk space usage

Google Drive

- Initial Free 15GB
 - Docs (<2MB) in Google Doc format – No Charge
 - Gmail 10GB Free (in addition)
- Accessible easily from Google Docs, Gmail and Picasa Web Albums
- Supports: Windows, OS X, Chrome OS, Android, IOS. ODF, HTML, PDF, RTF, Txt, MS Office
- Security
 - 2 Factor authentication supported
 - Default = HTTPS communication

SkyDrive (Microsoft)

- Initial Free 7GB
 - Outlook.com Mail and attachments - free
 - Windows 8 Sync data free
- Integrated with Windows 8, Office and Outlook.Com Mail
- Supports: Windows, OS X, Xbox360, Windows Phone, IOS
- Edit Office Docs, PDF, ODF (thru Browser)
- Sharing – *Read Only* or *Edit* or *Public* Links (From Browser)
- Security
 - 2 Factor authentication supported

iCloud (Apple)

- Initial Free 7GB
 - Music purchased from iTunes – No Charge
 - Music purchased from iTunes Match– No Charge
- Has the ability to Sync iCloud with MS Office Calendar and Address Book
 - BU and Restore IOS devices
- Supports: Windows, OS X, IOS
- Security
 - 2 Factor authentication supported
 - Encrypted on Servers

Amazon

- Initial Free 7GB
 - Music/Books purchased from Amazon – No Charge
- Supports: Windows, OS X, IOS
- Security

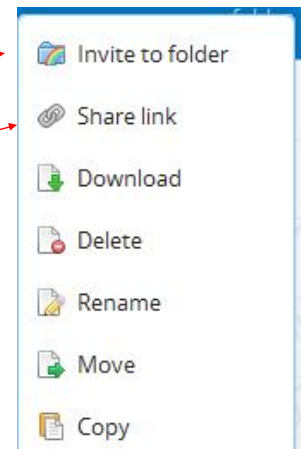
DropBox

- Initial Free 2GB
 - Extra 3 GB for Photos
 - 30 day Version History
- Supports: Windows, Win Phone, Android, OS X, IOS
- Portable Version <http://nionsoftware.com/dbpahk/>
 - Runs on Thumb Drive
 - Select Folders to be Synced
- Security
 - 2 Factor authentication supported
 - Encrypted on Server
- Sharing: *Private* or *Shared* Folder/File *Links* (From Browser)
- On 12 November 2012, Dropbox announced it had reached 100 million users

Sharing Dropbox Files and Folders

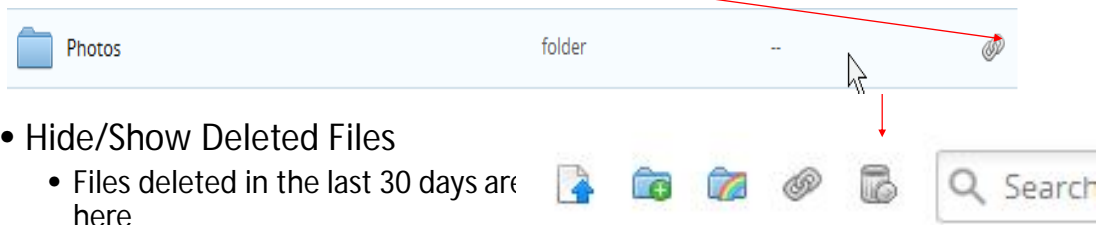
Right Click on a folder

- The following can only be done using the Dropbox.com site and your browser
- Share Folder
 - Recipient must also have DropBox.
 - Any changes will be reflected in both DropBoxes
- Share Link
 - Recipient need not have Dropbox
 - Cannot change file
 - Only open/download/print



Another way to Link/Finding Deleted Files

- The following can only be done using the Dropbox.com site and your browser
- You can also share a link to a file or folder by clicking on the "Paper Clip"

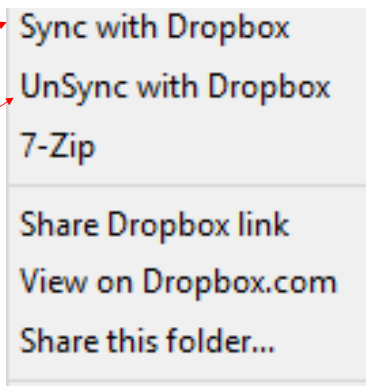


- Hide/Show Deleted Files
 - Files deleted in the last 30 days are here

Sharing Dropbox Files and Folders

Right Click on a folder

- The following can only be done using Windows Explorer on Computer
- Insert a link here and move the folder to DropBox
- Undo a previous Link
 - Remove the folder from DropBox
 - Restore it to the present location



Sharing Dropbox Files and Folders

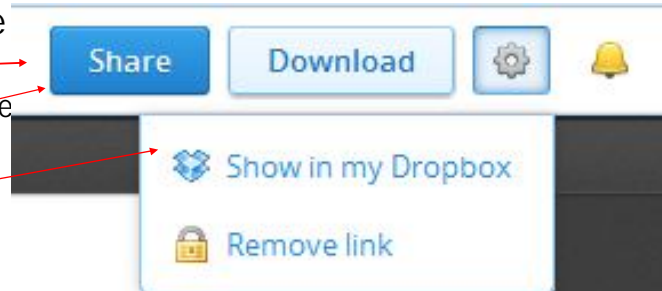
Right Click on a folder

- The following can only be done using the Dropbox folder on your Computer
- Share Link
 - Recipient need not have Dropbox
 - Cannot change file
 - Only open/download/print
- Share Folder
 - Recipient must also have DropBox.
 - Any changes will be reflected in both DropBoxes

Sync with Dropbox
UnSync with Dropbox
7-Zip
Share Dropbox link
View on Dropbox.com
Share this folder...

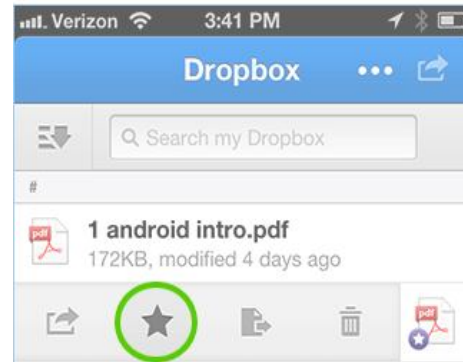
Receiving a Link

- When you open the link, you see the following tool bar:
 - Clicking on share lets you email the link to someone else
 - Clicking on the "Gear" opens another menu



Remove a file from your iPhone

- The [Dropbox iPhone app](#) only stores local copies of files if they are [marked as Favorites](#). To remove the file from your Favorites list and your iPhone:
 - Swipe from left to right over the file name to reveal a set of icons. If the file is currently a favorite, the star icon will appear in solid gray.



Further Reading

- Google Drive http://en.wikipedia.org/wiki/Google_drive
- SkyDrive <http://en.wikipedia.org/wiki/SkyDrive>
- iCloud <http://en.wikipedia.org/wiki/SkyDrive>
- DropBox http://en.wikipedia.org/wiki/Dropbox_%28service%29
 - <https://helpdesk.lastpass.com>
- BitTorrentSync <http://blog.bittorrent.com/2013/04/23/bittorrent-sync-alpha-now-open-to-all/>