Data Storage for your Business

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From start to finish

- Why backup your data?
- History of Data Storage
- Early attempts
- Success in the Cloud with Dropbox
- Practical Uses
Why backup your data?

- Fire/Tornado/Lightning/Rain
- Hacks, Viruses, and Ransomware
  - GLARS Ransomware event
- Theft or Loss
- Hardware Failure
History of Data Storage

- Floppy Disks < 5 MegaByte (MB)
- Magnetic Tapes < 5 GigaByte (GB)
- Dedicated Computer < 500 GB
- Network Storage < 5 TeraByte (TB)
- Internet/Cloud < Infinity
  - What is Cloud computing?
Typical Sizes

- One Photo 1–5 MB
- Ten PowerPoint presentations 1 MB
- One two hour video 2 GB
- One hundred ten page Word Documents 1 MB
- Decade worth of emails 10 GB
Early Attempt

- Dedicated Computer and then Network Storage
Cloud Storage Companies

- www.amazon.com/clouddrive
- www.box.com
- www.google.com/drive
- www.onedrive.live.com
- www.carbonite.com
- www.dropbox.com

See more info here:
http://beebom.com/best-dropbox-alternatives-for-cloud-storage/
Success in the Cloud with Dropbox
Dropbox

- **Individuals (Or Small Business)**
  - 1 TB
  - $100 a year
  - No Phone Support

- **Business**
  - Unlimited Storage
  - $150 per user per year

- **Enterprise**
  - Personalized Support
  - Really Expensive
Share files to other Dropbox users
Share Publicly
Share with URL
Double Authentication
  ◦ Text Messages
  ◦ Google Authenticator Application
Don’t use real answers to security questions!
Practical Uses

- SOPS, ARM Data, and Plot Maps
- Password Safe
- Photos from the field
- Data Collection
- Share files with publicly or privately