

Webinar on Data Backup

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How much is your data worth ?

- Could your company operate if you lost some or all of your email, documents and financials ?

Forms of Data Loss

According to a report on data loss, over 6% of PCs will suffer data loss in any year - a total of 1.7 million incidents. The report identifies six main causes of loss of data:

- Hardware failure, including damage by power surge and drive failure (42%)
- Human error, including accidental deletion, modification or overwrite (31%)
- Software file corruption (13%)
- Virus-infection (7%)
- Theft, especially laptop theft, (5%)
- Hardware loss, including floods, fires, lightning, power failure (3%)

•More Statistics

- 6% of all PCs will suffer an episode of data loss in any given year. Given the number of PCs used in US businesses in 1998, that translates to approximately 4.6 million data loss episodes. At a conservative estimate, data loss cost US businesses \$11.8 billion in 1998. (The Cost Of Lost Data, David M. Smith)
- 30% of all businesses that have a major fire go out of business within a year. 70% fail within five years. (Home Office Computing Magazine)
- 31% of PC users have lost all of their files due to events beyond their control.
- 34% of companies fail to test their tape backups, and of those that do, 77% have found tape back-up failures.
- 60% of companies that lose their data will shut down within 6 months of the disaster.
- 93% of companies that lost their data center for 10 days or more due to a disaster filed for bankruptcy within one year of the disaster. 50% of businesses that found themselves without data management for this same time period filed for bankruptcy immediately. (National Archives & Records Administration in Washington)
- American business lost more than \$7.6 billion as a result of viruses during first six months of 1999. (Research by Computer Economics)
- Companies that aren't able to resume operations within ten days (of a disaster hit) are not likely to survive. (Strategic Research Institute)
- Simple drive recovery can cost upwards of \$7,500 and success is not guaranteed.

Methods of backup

- Floppy
- CD
- Tape
- External hard drive
- Internet subscription service
- Appliance with offsite option

Types of data & related challenges

- Files
 - Open files can be skipped
- Applications
 - Might require special agents to backup
- Email
 - Might be stored locally on PCs or require special procedures

Disaster Recovery Plan

- Evaluate what data you have and where it is stored
- Make sure your backup mechanism is capturing all data
- Note what hardware is required to recover the data
- Original installation media and licenses for applications will be required to get to the data

Questions...

Thank you for your participation