WHEN THE CHIP HITS THE FAN

Bob "Dr. Mac" LeVitus

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There are only two kinds of computer users: Those who have lost data in a crash, and those who will...

- Dr. Macintosh: Tips, Techniques and Advice on Mastering the Macintosh $^{\odot}$ 1989 Bob "Dr. Mac" LeVitus

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Dr. Macintosh: Tips, Techniques and Advice on Mastering the Macintosh
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I wrote those words in my first book, Dr. Macintosh: Tips, Techniques and Advice on Mastering the Macintosh, way back in 1989 and they're still

THE PLAN:

- Overview of strategic issues and individual needs
- Why at least one backup has to be stored offsite
- Why "clone" backups are different and why they're awesome
- Time Machine/Time Capsule
- Third-party backup and cloning software
- About backup disks
- Backup-to-the-cloud services
- Q & /

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Here's the plan:

- Overview of strategic issues and individual needs
- Why at least one backup has to be stored offsite
- Why "clone" backups are different and why they're
- awesome
- _ Time Machine/Time Capsule
- Third-party backup and cloning software
- About backup disks
 - Backup-to-the-cloud services
 - _ Q & A

STRATEGIC ISSUES

- Is all your data on a single hard disk?
- How much data can you afford to lose?
- How many separate backups do you need?
- How quickly do you need to be back at work after a catastrophe?
- What's your budget?

When the Chip Hits the Fan

- Is all your data on a single hard disk? Or spread across two or more (like me).
- How much data can you afford to lose? (Drivesavers)
- How many separate backups do you need? (The wonderfulness of redundancy.)
- How quickly do you need to be back at work after a catastrophe? (Clones are awesome.)
- What's your budget?

OFFSITE BACKUP(S)

- What if...
- Just do it.

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What if... Your home office were vaporized by vulcans or...

_ Just do it.

TIME MACHINE/TIME CAPSULE

- Good first line of defense
 - Or not
- Why I recommend Time Machine
- Why I don't recommend Time Machine as your only backup

When the Chip Hits the Fan

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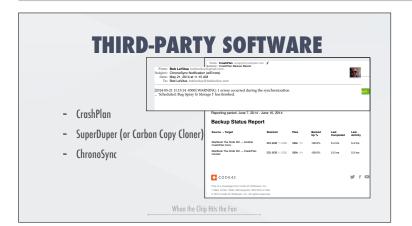
- Or not.
- Why I recommend Time
- Machine
- Why I don't recommend using Time Machine as your only backup

CLONING

- it's not just for sheep anymore...
- Why a clone can save your bacon (and why I create one automatically every night)

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- it's not just for sheep anymore...
- Why a clone can save your bacon
 (and why I create one automatically every night)



- CrashPlan (Click for Backup Status Report)
- SuperDuper (or Carbon Copy Cloner)
 - ChronoSync (Click for Notification)



Talk about buying external drives with power supplies and fans...



Drive docks
-how they work
-connection types (FW, USB 2 or 3, Thunderbolt)
Click: drive prices



CrashPlan All the others



My disks

BootsMBP (1TB SSD)

Machine of Time 2TB

Storage I 4TB

Storage II 4TB

Audio & iTunes 3TB

Bob's Big Boy for

CrashPlan 2TB

Bug Spray Thunder 4TB



Think Like a Mac Geek

You Got Questions? I Got Answers! Maybe...