


Fundamentals of Data Encryption

z/Encrypt

WAVV 2006
Chattanooga, TN

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Problems

- Sending unencrypted backups off-site is a huge liability
- Sarbanes-Oxley, HIPAA, FERPA, VISA's CISP, and identity theft laws
- Lost or damaged tapes
- Multiple file formats need to be backed up
- Encryption algorithms on the CPU can add significant overhead


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 Mainframe Backup Protection

- z/Encrypt device emulates tape using industry-proven technology from Fundamental Software, Inc.
- Attached via ESCON channel
- Tape data encrypted at rest (AES 256)
- Full encryption capabilities for any existing backup structure
- No need to use special utilities
- Automatically uploads files to remote z/Encrypt device
- Optional Portable RAID Enclosures

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