

Storage Decisions

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What Storage Managers Need To Know About Security

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Security in the mainstream




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Agenda

- Security Trends
- Storage Security
 - Current Issues
 - Future Considerations


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Audience Response: Please raise your hand

Over the next few years, information security will:

- A. Get more attention throughout my organization
- B. Get the same attention that it does today
- C. Get less attention than today
- D. Don't know
- E. Hey, go back to the picture of Brittany Spears, stupid!

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Security Trends

"First the good news"

Security Budgets Up 

Security Vulnerabilities Down 

"Now, the bad news"

Security Incidents UP 

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What's Driving Security?

- **Regulatory Compliance**
- **Liabilities**
- **Security Threats**
- **New Technologies**
- **Internet Business Opportunities**

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CISO Priorities

- Put Out The Fires
- Align Security With The Business
- Integrate Security Into The Corporate Culture

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Security Architectural Changes

Security 2000

- Internet
- Internal Network
- Firewall
- VPN
- IDS
- Anti-Virus

Security 2006

- Internet
- Internal Network
- Firewall
- VPN
- Anti-virus
- IDS/IPS
- Content Security (Spam, URL, IM, P2P, spyware, adware)
- Application security
- Honeypot
- Packet filtering
- VLAN
- ACL
- Anti-virus
- IDS/IPS
- Application security
- Firewall
- Network behavior monitoring
- End-point security
- Vulnerability Scanning
- Patch Management ...

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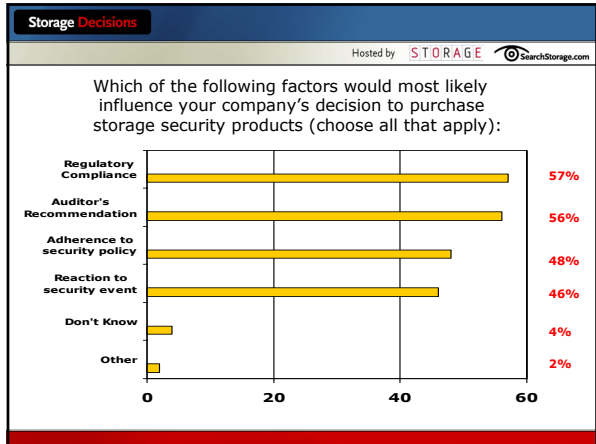
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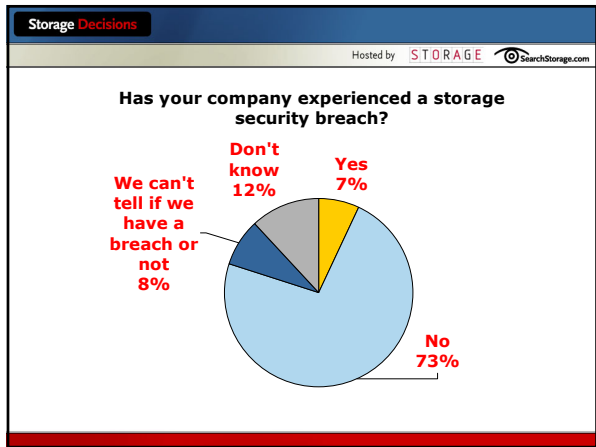
Audience Response: Please raise your hand

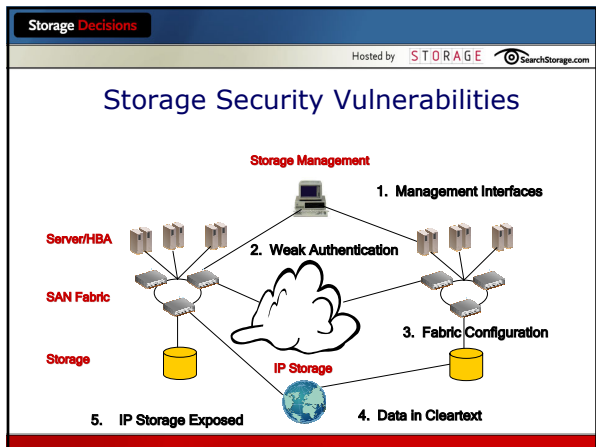
I believe that storage security is an issue that:

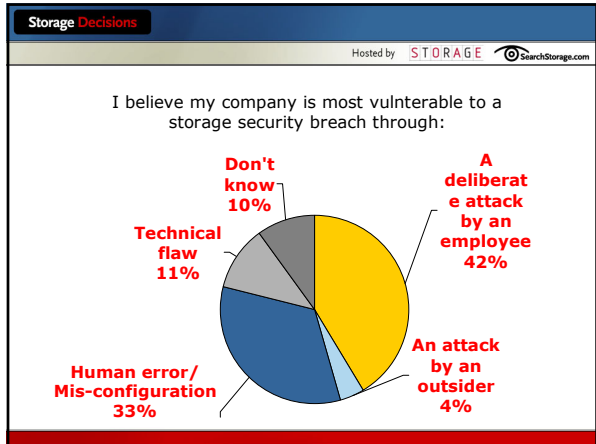
- Impacts the business
- Impacts IT but not the business
- Impacts the storage group but not IT or the business
- Don't know
- Hey, go back to the picture of Brittany Spears, stupid!


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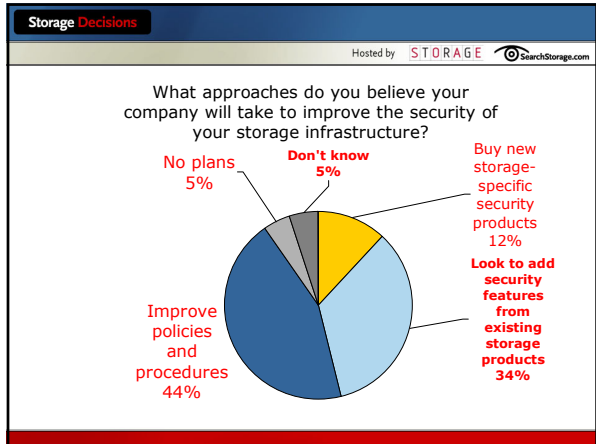


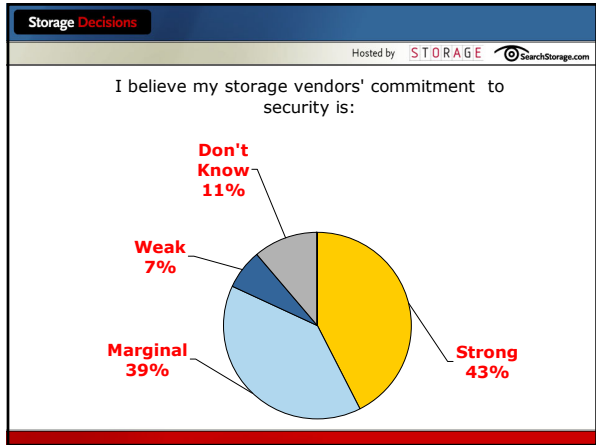




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- ### Storage Security Strategy
- **Adopt Policies and Training**
 - **Physical Security**
 - **Storage Security Risk Analysis**
 - **Employees Policies**


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- ### Storage Security Technology
- **Harden All Storage Management Interfaces**
 - **Purchase Secure Fabrics**
 - **Monitor Impending Standards**
 - **Investigate Storage Security Technologies**
 - **Utilize IP Security**
 - **MAKE YOUR VENDORS WORK!!!**





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- ### Future Considerations
- **ILM**
 - More intelligence, data movement, geographical distribution
 - More security headaches!
 - **IP Storage**
 - Shared infrastructure
 - IP security issues
 - More security headaches!


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Summary

- **Security**
 - Elevated status with business and IT
 - More money, more focus
- **Storage Security**
 - FC SANs introduce lots of vulnerabilities
 - Solution: Policies, Organization, Technologies
- **Future Directions Demand Storage Security**
 - Knowledge, Architecture, Cooperation

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Thank you. Questions?

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Mr. Oltsik is unable to attend the Ask-the-Experts booth. Please send additional questions to jglossner@techtarget.com.
