

# **Software Defined Networks for Storage Area Networks**

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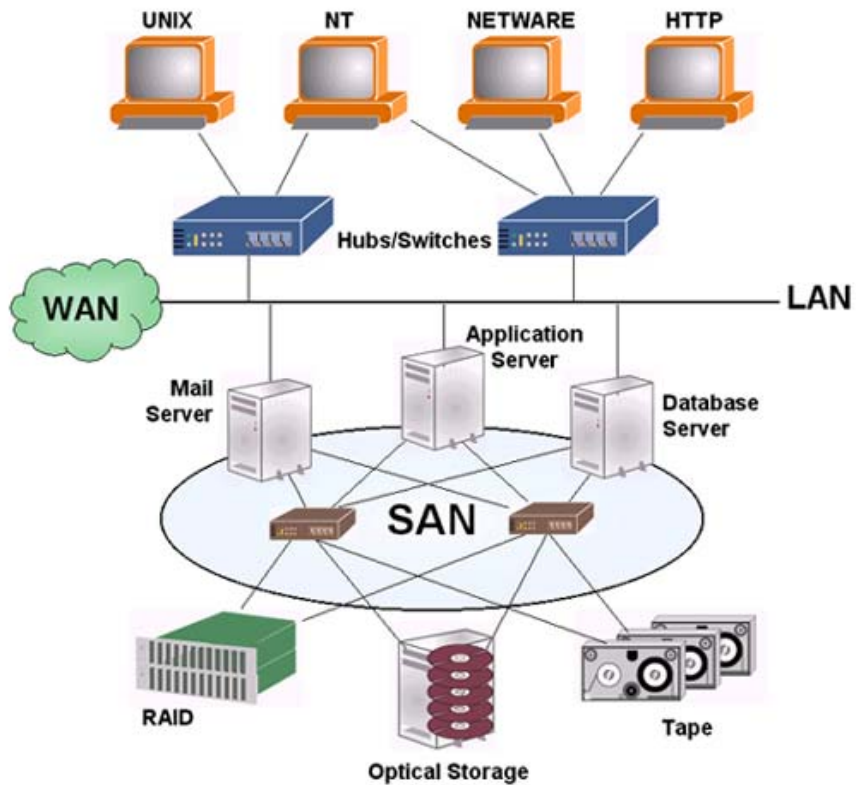
# SAN

- High speed
- Pool of storage devices to multiple servers
- Computer services and storage components
- Easy resource sharing

# SAN

- Fibre Channel
- Fibre Channel Protocol
- FCoE
- SCSI

## Storage Area Networks



Source: allSAN Report 2001

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# SAN

# SDN

- Concept
- Presentation: Software-Defined Network Technology and the Future of Storage

# SDN's for SAN's

- FC is expansive
- Storage layer
- Storage devices and cloud computing

# References

- Design and development of ethernet-based storage area network protocol - IEEE
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- A survey of Cloud Storage Facilities - IEE World Congress on Services 2011
- Information Storage on the Cloud: A survey of effective storage management system - IEEE 2012
- Energy Efficient Cloud Storage Service: Key issues and challenges - Fourth International Conference on Emerging Intelligent Data and Web Technologies 2013

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