iSCSI:
What's Real, What's Not?

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A Panel Discussion

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iSCSI: What's Real, What's Not?

- What is iSCSI?
- The Benefits
- The Hype
- Who is using it?

What is iSCSI?

- iSCSI (Internet small computer system interface): a TCP/IP-based protocol for establishing and managing connections between IP-based storage devices, hosts and clients
  - Developed by IETF
  - Sends SCSI commands over IP
  - Supported by 50+ vendors

Benefits of iSCSI

- A single, existing Ethernet/IP infrastructure
- Lower TCO for SANs
- More flexibility in deploying storage
- Built on ubiquitous, mature technology
- No specialized skills
- Storage access over distances

The Hype Surrounding iSCSI

- Market Confusion

- Fibre Channel and iSCSI can interoperate

- Ratification Status

- Who supports it?
  - Cisco, Intel, IBM, Adaptec, Emulex, QLogic, Nishan, StoneFly
  - Startups

Who is using iSCSI?

- Small to mid-tier enterprise
- Departments and workgroups within large corporations