Transforming the Information Infrastructure: Build, Manage, Optimize.
Be Proactive: The Key to Effective Storage Infrastructure Performance Management

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Agenda

• Trends
• Challenges
• Recommendations
Trends

• Storage infrastructure complexity
• Data growth
• Virtualization
• Cloud
Challenges

• Disjointed views of performance
• Multi-vendor elements
• Performance outcome of capacity consolidation
• Application performance SLA
• Virtual storage environment
Recommendations

• Bring together disjointed views of storage elements
• Create a structured methodology for performance management
• Follow best practices for managing performance in a virtual environment
Consolidate Performance Views

- Host
- Virtual machine
- HBA
- SAN elements
- Array
Structured Approach

Identify
- App, server, storage path awareness

Isolate
- App, server/VM, SAN, array performance

Troubleshoot
- Deep performance metrics

Report
- Trending for proactive performance mgmt
Managing in a virtual world

- Path awareness
- Monitor metrics
- Chart correlation
- Trending for history and forecast
- Monthly analysis
- Top N reports
Outcomes

• Cut down troubleshooting time
• Increase consolidation
• Reduce storage spend, increase utilization
• Dashboard and SLA Reporting
Thank You!

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