



Oxford University



A New Perspective

Part 2

Pete Jones, Sheelagh Treweek
Presented by Pete Jones



Oxford University



Recap

- This Morning
 - New Architecture
 - January to June
- This Afternoon
 - Tape Aspects
 - July to Now



Oxford University



Introduction

- 3592 Beta Programme
- 3592 Tape Drives
- Tape Drives at Oxford
- Comparison with 3590H/LTO2



Oxford University



The Beta Programme

- 3592 Beta Programme (ongoing)
- Focus on 3592/TSM integration
- Six 3592 Tape Drives
- 3494 Tape Library
- 2109-F32 SAN Switch



Oxford University



Library Changes

Two New Frames Here

Library
Manager



Old
Frames



Oxford University



The 3592 Drives

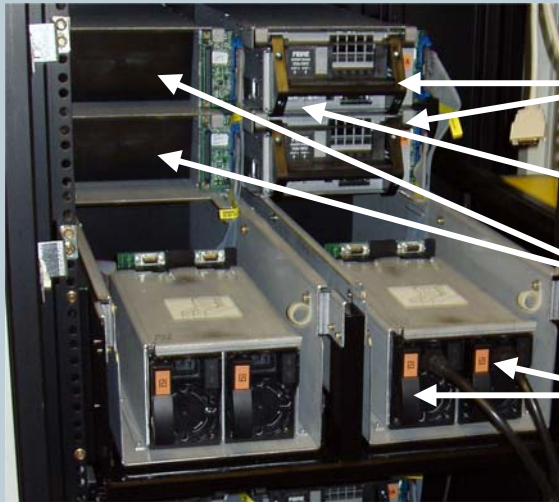




Oxford University



A Closer Look



3592 Drives

Dual FC Ports

Empty Carriers
Awaiting Drives

Dual Power
Supplies



Oxford University



The 3592 Drives

Specifications

- 40MB/s
- 300GB per cartridge (uncompressed)
- Dual 2Gbps FC interface

Experienced

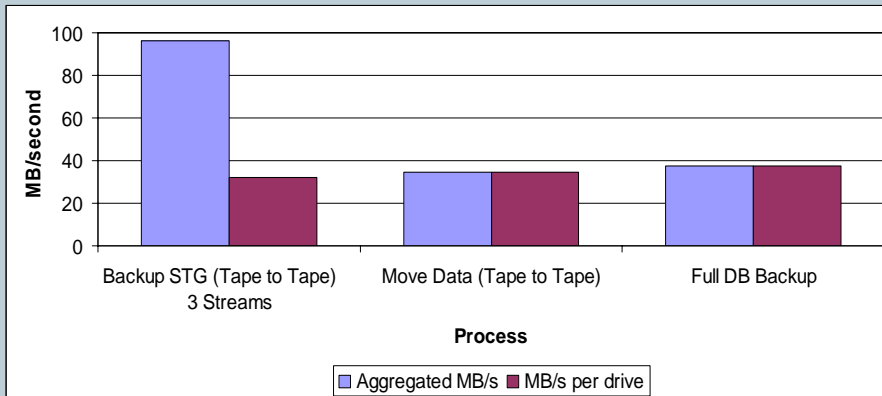
- 38MB/s
- 550GB per cartridge (compressed)
- Dual 2Gbps FC Interface (N-port and L-port)



Oxford University



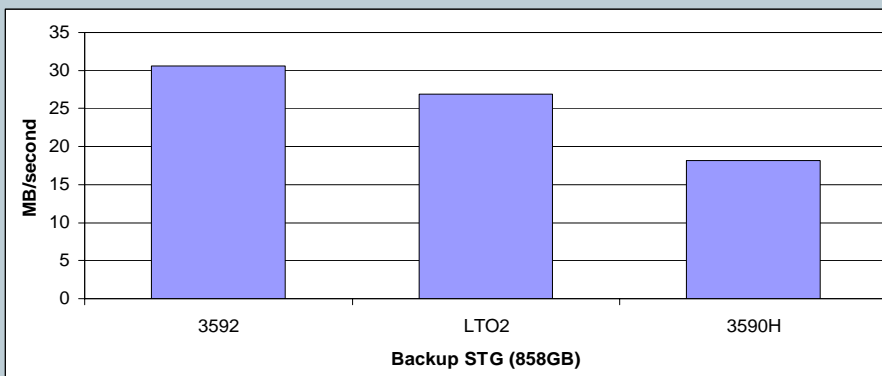
TSM Processes



Oxford University



Comparing 3592 With LTO2 and 3590H

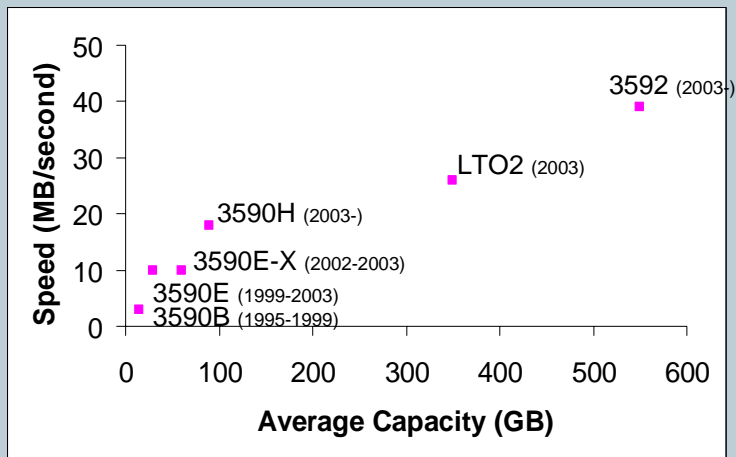




Oxford University



Oxford Tape Roadmap



Oxford University



Summary

- Advantages in both performance and capacity
- 3592s stretch our new architecture
- Testing still ongoing
- In good shape for when network infrastructure upgraded to 10Gbps
- In good shape for relentless growth in service demand

Oxford University



Thank You