Reducing Risk and Increasing Productivity with Flash

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About Hitachi Vantara

Hitachi Data Systems

Data Management
& Infrastructure

+

Pentaho

Data Integration
& Analytics

+

Hitachi Insight Group

Internet of
Things

- 10,000 customers
- 7,000 employees
- 2,000 Partners

- 100+ countries
- Trusted by 81% of FORTUNE® Global 500

- Combines Hitachi's unrivaled OT / IT expertise
  - 107+ years in OT
  - 58+ years in IT

About National Government Services

- Wholly owned subsidiary of Anthem Inc.

- Experienced government contractor, providing solutions ranging from business process outsourcing to IT, including IT system integration and data center services

- Top 5 contractor to the Centers for Medicare and Medicaid Services (CMS)
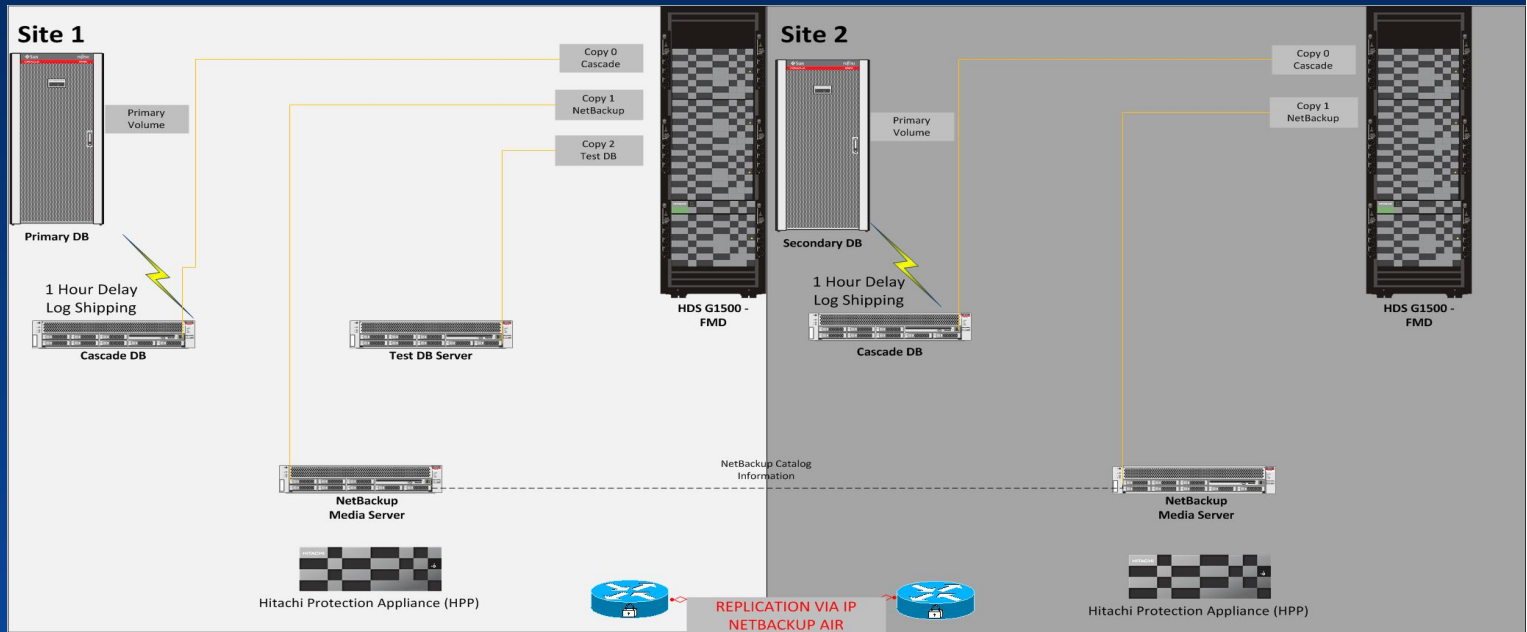 - Host and develop CRM for large scale system at CMS

Business Cases

- Non-live datacenter out of sync with live datacenter at certain times for testing/ upgrades/patching

- Refresh non-production environments for ongoing testing

- Disaster recovery

Oracle Database Replication

Infrastructure Processes
- Standby/Standalone for Testing
- Refresh Environments
- Backups
- Upgrades

Migrating to Flash

- Non-Live Site Refresh / Non-Prod Refreshes
  - Spinning Disk – 4hrs 15min
  - Flash – 38 minutes
- Backups
  - Spinning Disk – 6hrs 30min
  - Flash – 4hr 3minutes

Migrating to Flash – Business Outcomes to CMS

- Exposure of non-live datacenter being out of sync greatly reduced

- Non-production environments available and up to date quickly

- Disaster recovery times reduced

Key Takeaways

- No change to existing processes and procedures to achieve results

- Increased productivity of IT staff with less non-production downtime

- Exposure to site disaster reduced

Flash Memory Summit

Thank You !

- Questions ?

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