

Unified Data Protection at Allianz

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Allianz 

Agenda

- 1** About Allianz ANZ
- 2** Environment challenges
- 3** Implementation
- 4** Benefits
- 5** Future plans and challenges

Allianz ANZ - Fast Facts

- One of Australia's largest general insurers (No.4)
- Over two million policy holders
- Personal, life, CTP, commercial and workers' compensation insurance
- Employs over 3,800 employees
- Large General Insurance Company of the Year 2013*

**Australian and New Zealand Institute of Insurance and Finance (ANZIIF) Australian Insurance Industry Awards. Also won in 2012, 2011 and 2009).*



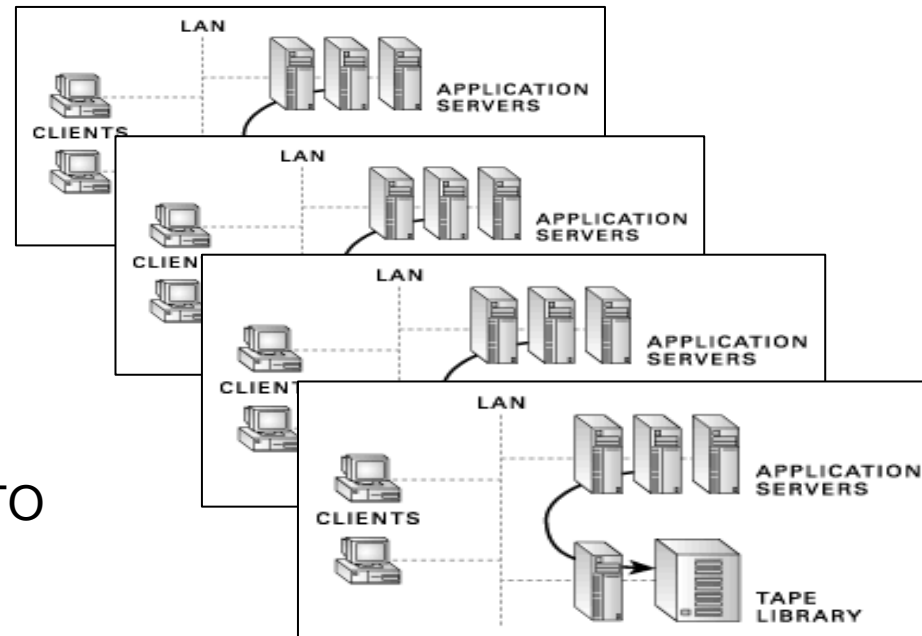
Environment challenges

- Increased data volumes
- Complexity
- Rising costs
- Magnetic media reliance
- Increased application availability
- Congestion



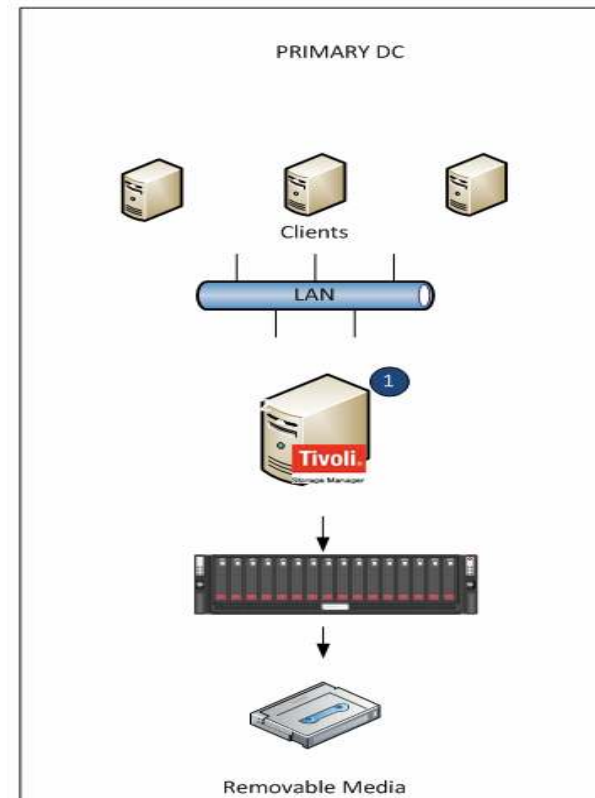
Environment challenges

- Multiple traditional deployments
- Distributed deployment model
- Multiple vendors
- Difficulty in management
- Difficulty in meeting RPO and RTO



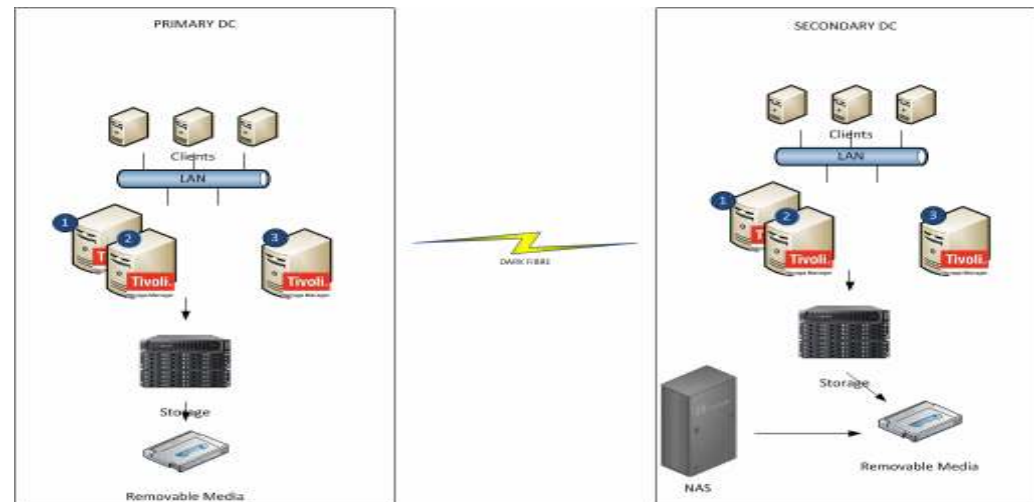
Implementation (first attempt)

- Single stand alone deployment
- De-dupe at storage pool layer
- 200 target clients
- 50TB storage pool
- 500GB nightly incremental
- Lower spec hardware
- Poor I/O disk performance

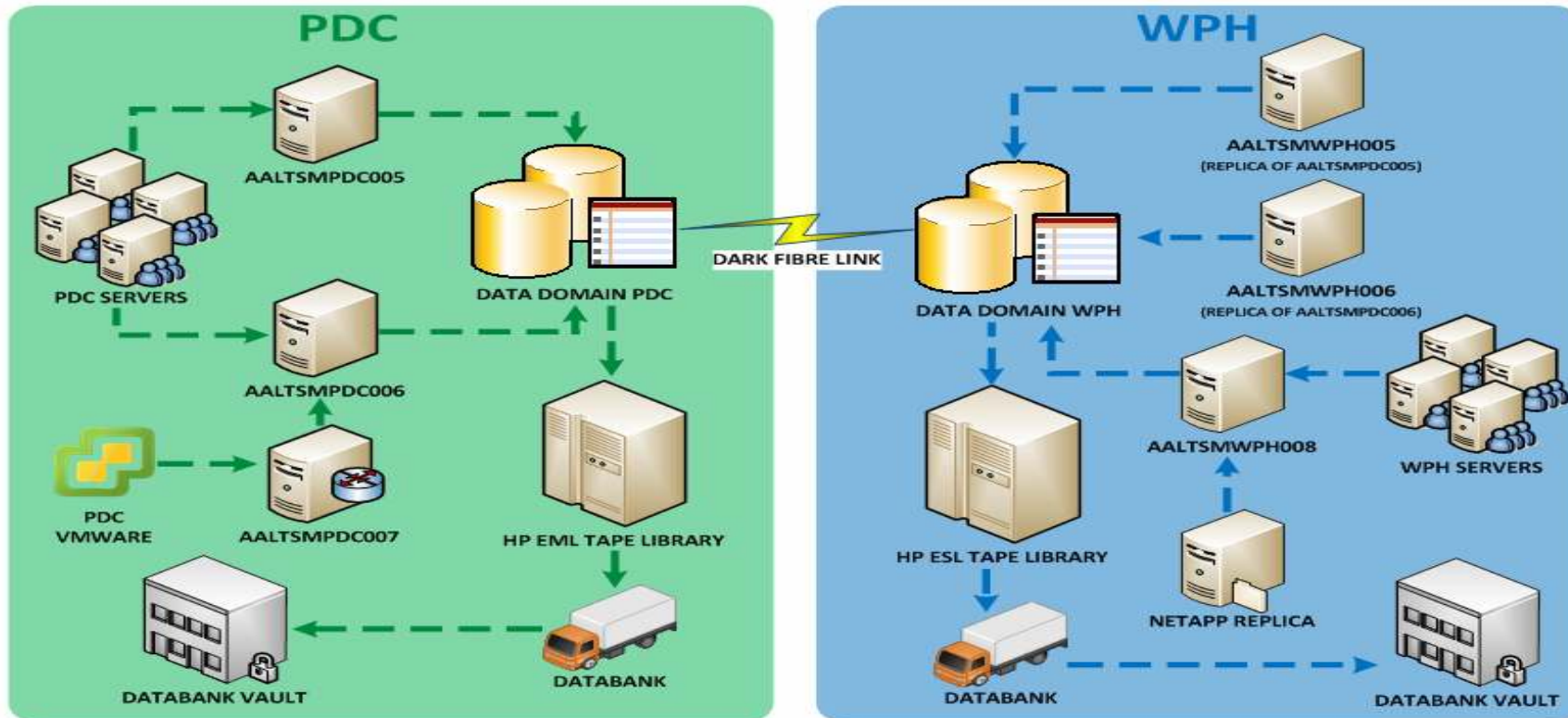


Implementation (that's better!)

- Multiple data centre deployment
- Consolidated storage leveraging in built de-dupe
- 1000 target hosts
- 1PB storage pool
- 8 - 10TB nightly incremental
- NAS NDMP
- TSM for virtual environments
- Facilitates multiple O/S & architectures
- Business continuity



Implementation



TSM for Virtual Environments

- 400 VMware guests
- Requirement for improved RTO
- Agentless backup method
- Change block tracking technology
- TDP allows for individual file restores
- Ease of management and implementation
- LAN free transport method

Benefits



- Ease of administration
- 30 – 40% saving on storage costs
- Tivoli data protection
- RPO and RTO Improved
- Single product
- Stability
- Scalable infrastructure

Future plans and challenges

- Continued growth in data combined with longer retention
- Ever increasing application availability
- Meeting RPO and RTO
- Constant improvements



Summary

- Consolidating onto TSM as the single back-up tool – delivers more efficient, reliable protection of the critical business data
- TSM Unified Recovery Management platform delivers all the capabilities we need now and into the future