CASE STUDY

Telecom Major Cuts Bandwidth & Storage Costs By 70%

About the Client

Our client is The international Telecom giant is a publicly held company and the seventh most valuable brand in the world. Its network allows people to share images and videos as soon as they're captured, and to share thoughts and feelings as soon as they're created.

- Over 350 Million customers in 30+ countries around the world
- Seventh most valuable brand in the world
- More than just mobile — customers also look to this Telecom major for great value in their fixed line and broadband services

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Their Challenges

The client was looking for a robust and reliable Business Service Availability Management and Process Automation solution which could enable the following:

- Real-time visibility on Business Service Continuity and Availability.
- Bringing live multiple databases and applications at the Recovery site within 4 hours of RTO and 2 hours of RPO during a disaster.
- Maximum protection for their critical business services.
- Proper bandwidth utilization.
- Minimize or eliminate impact on the production server.
- Real-time visibility into the health of the Recovery site.
- Unified monitoring console to view all applications from a single window.
- Reduced dependency on SMEs.

Our Solution

Perpetuuiti deployed Continuity Patrol™ to address the Business Service Availability and Automation challenges faced by the client:

- Continuity Patrol™ enabled a single unified dashboard providing complete and real-time business service visibility and availability.
- Combining two powerful proven technologies — IBM Global Mirror (GM) and Oracle Log shipping — integrated by Continuity Patrol™.
- Storage based replication resulted in no impact on production server performance.
- Use of proven Oracle APIs for recovery and for applying archive logs using Continuity Patrol™.
- Reduced BW as replication is through Global Mirror, which compresses data.
- BW reduction due to shipping only archive logs.
- Ensuring minimum data loss through replication of Redo logs, i.e. improved RPO.
- Visibility into the availability of various applications through the Unified Monitoring Console.

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Uniqueness of the Deployed Solution

- Oracle in standby mode gives a guarantee for opening the database.
- Lesser storage requirement compared to full DB replication.
- Automation of processes and parallel execution of multiple applications' workflows for quicker availability (RTO).
- Management dashboard for Recovery site health and proactive correction through BIA.
- Automation of alerts and availability of various reports.
- Automation of DNS/NATing.
- Recovery load balancing to prevent a single point of failure of the Continuity Patrol™ server.

Results and Benefits to Business

- Elicited confidence in the Recovery Infrastructure investment.
- High level of confidence about availability and visibility of Applications and Data in case of disaster.
- Dependency on SMEs was considerably brought down, and revenue loss in case of a disaster lowered by lowering data loss.
- Quicker availability of applications through automated processes.
- Transparency about Recovery health through various reports.
- Production server performance remains intact.
- Client recommended Continuity Patrol to its global IT team as a Recovery Automation best practice adopted by the client's India arm.

Key Metrics

2 HOURS RPO, WITH AN RTO OF 30 MINUTES

70% SAVINGS IN BANDWIDTH AND STORAGE COSTS

3 SUCCESSFUL DRILLS WITHIN THE FIRST 6 MONTHS, WITH MINIMAL MANUAL INTERVENTION

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READY FOR YOUR OWN SUCCESS STORY?

Get in touch with our automation experts and learn how you can fast-track your digital transformation initiatives.

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About Perpetuuiti

Perpetuuiti empowers people and businesses alike. We deliver the world's most-comprehensive and urbane automation platforms making work more human. Our platforms deliver leading-edge automation solutions for modernizing resiliency management, and turbocharging the performance of your applications, IT and business operations at speed and scale to drive exponential efficiencies.

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