

CASE STUDY

World's Leading
Payment System
successfully
implements
Automated IT
Recovery for
**3 site replication
topology**

Client Profile

The Payment System was incorporated in December 2008 in India and the Certificate of Commencement of Business was issued in April 2009. It has been incorporated as a Section 25 company under Companies Act and is aimed to operate for the benefit of all the member banks and their customers. The authorized capital has been pegged at Rs 300 crore and paid up capital is Rs.100 crore so that the company can create infrastructure of large dimension and operate on high volume resulting payment services at fraction of the present cost structure.

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, applications at Recovery site within 4 hours of RTO and 2 hours of RPO during a disaster
- Maximum protection for their critical business services
- Minimize or eliminate impact on production server
- Real-time visibility into the health of DR
- Unified monitoring console to view all applications from a single window
- Reduced dependency on SMEs

Our Solution

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

- Continuity Patrol enabled single unified dashboard providing complete and real-time business service visibility and availability
- Implementation of automated Recovery for 3 site replication topology
- Integration with Oracle Data Guard, MSSQL Log shipping, MIMIX & Double Take
- AS 400 integration with MIMIX was executed for Application IMPS (IMPS handles transactions of 400 Million per day)
- Use of APIs for integration & recovery using Continuity PatrolTM
- BW optimization
- Network Automation



Uniqueness of the Deployed Solution

- Automation of processes and parallel execution of multiple applications' workflows for quicker availability (RTO)
- Management dashboard for DR health and proactive correction through BIA
- Automation of alerts and availability of various reports
- Automation of DNS/ NATing
- 3 Way Architecture for Continuity Patrol
- Recovery load balancing to prevent single point of failure of Continuity Patrol server

Replication Technologies

- Oracle 11g with Data Guard
- As 400/OS400 / DB2 with MIMIX
- MSSQL with Native Log Shipping

Results and Benefits to Business

- Elicited confidence in the Recovery Infrastructure investment
- High level of confidence about availability/ visibility of Applications and Data in case of disaster
- Using unique recovery workflow templates based on best practices, the team was able to automate failover for critical applications
- Dependency on SMEs was considerably brought down
- Lower revenue loss in case of Disaster by lowering data loss
- Quicker availability of application through automated processes
- Transparency about Recovery health through various reports
- Production server performance remains intact
- The client plans to increase the number of applications under Continuity Patrol. They also plan to increase the frequency of Recovery Drills

Key Metrics

2 Hrs

RPO OF 2 HOURS & RTO OF 30 MINUTES

3 Site

SUCCESSFUL IMPLEMENTATION OF AUTOMATED RECOVERY FOR 3 SITE REPLICATION TOPOLOGY

3

SUCCESSFUL DRILLS WITHIN FIRST 6 MONTHS WITH MINIMAL MANUAL INTERVENTION



READY FOR YOUR OWN SUCCESS STORY?

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