IDBI Bank Improved Its IT Infrastructure With Cyfuture

Client

IDBI Bank Limited is a scheduled bank involved in personalized banking and financial solutions to its clients in the retail and corporate banking arena through its large network of branches and ATMs, spread across length and breadth of India. The bank has its footprints in Dubai and planning to expand in various other parts of the world as open representative offices for taping emerging global opportunities. Our experience of financial markets will help us to effectively cope with challenges and capitalize on the emerging opportunities by participating effectively in our country's growth process.

IDBI Bank is the youngest, new generation, public sector universal bank that rides on a cutting edge core banking Information Technology platform. This enables the Bank to offer personalized banking and financial solutions to its clients. The Bank had an aggregate Balance sheet size of Rs.3,74,372 Crore and total business of Rs.4,81,613 Crore as on March 31, 2016.

Business Need

IDBI Bank was intended to have its website hosted on dedicated servers with a state-of-the-art Tier –III complaint data center and Internet service provider as it was facing downtime issue. The data center required to have DR (Data Recovery) site on different seismic zone within India and should be connected with a secure private network for replication of data and databases.

The host should have adequate security in place such as - perimeter firewall with IPS/IDS and Web Application Firewall for the website protection. In addition, the host should have DDOS protection in place for protection from DDOS attacks. In case of any exigencies, the DR site should be moved to production/made live.

Other business requirement in the periphery was the Website must be IPv6 Compliant. The Bank was also planning to host a third server for analysis of the visitor data along with the aforesaid servers.

Business Solution

Cyfuture India (P) Ltd. carried out a detailed requirement analysis for DC and DR Servers to host the bank website on dedicated servers. Thereafter, based on the analysis, we designed a cost effective solution which includes:

- Physical servers for production web app and DB at DC and DR was proposed along with DC to DR replication on Private link.
- Perimeter firewall, web application firewall and DDOS protection services were added in the solution for DC and DR.
- Application replication and DB replication configured for disaster recovery site for high availability.
- Backup space and log retention were configured as per the bank requirement.

Business Results

Cyfuture India helped IDBI Bank Limited to hosting its website on dedicated servers with a state-of-the-art Tier –III complaint data center and Internet service provider as it was facing downtime issue. Our analysis found that even though the bank was over paying its web host, the services availed were not satisfactory. Cyfuture streamlined the operational efficiency of the website and mitigated data loss risk and avoided business interruption due to downtime.

In addition, our solutions brought a wide array of benefits to the client; which include –

- No capital expenditures (CAPEX) associated with server, network, security devices, infrastructure, maintaining and updating a large computing facility required.

- 99.95% network uptime with Tier III datacenter

- Network accessibility on MPLS private network across the branches.

- Round-the-clock monitoring, maintenance, IT management, backups of servers, storage, link and replication.

- 24*7 incident handling.

- Multiple vendor management

- Flexible platform and on demand addition/removal of resources.

The Conclusion:

Cyfuture India helped IDBI Bank Limited to an affordable and secure solutions for hosting its website on dedicated servers with a state-of-the-art Tier –III complaint data center and Internet service provider as it was facing downtime issue. We minimized downtime issue on its website by offering our reliable dedicated servers. By deploying our ISO 9001:2008 compliant robust dedicated server solution, IDBI Bank has now complete control over its hardware and operating system. This not only helped the company in handling huge volume of traffic by avoiding downtime, but also provided a secured and private server.

As a leading provider of data center solutions and cloud solutions to all size businesses, we are committed to help our clients reap the benefits of running at their servers at peak performance and reduce overall expenses.

To know more about Cyfuture India Pvt. Ltd., you can visit: http://www.cyfuture.com