

## **Galaxy Optimizes Private Cloud with 3-Way BCP & DR Implementation for a Leading Indian Financial Services Company**

### **The Challenge:**

The customer is one of the largest financial services companies in India, and delivers a wide range of comprehensive financial solutions to its end clients. Given the sensitive nature of this business, it is extremely important for the customer to maximize uptime of its business-critical applications, and lower RPO & RTO in case of any disaster. The company has built a private cloud to serve their own IT requirements as well as those of their group companies and clients. However, they lacked an established framework to safeguard investors' money, such as IT systems processes or business continuity plans and processes. Maximum system tolerable downtime for the company is 30 minutes. Till last year, they had been using traditional data centers and an un-consolidated infrastructure. Their Backup, replication and BCP-DR systems were not as per the industry requirements.

### **The Solution: -**

Galaxy provided consulting services to client for creating and following a business continuity planning framework. Since last year, Galaxy has been working with their Chief Technology Officer to come up with, and implement a plan to setup a private cloud with the help of industry leading OEM's like VMware, Brocade, EMC, Hitachi and Lenovo. Along with this, we also implemented a three-way Business Continuity Planning – Disaster Recovery [BCP-DR] solution, with its primary data center located at their Navi Mumbai office, a near BCP-DR site implemented at less than 5 kilometers from the primary data center, far BCP-DR site at Bangalore. At all three locations, they are using EMC Unity Storage along with Recover Point Appliance for the synchronous replication between DC & Near DR, and asynchronous replication between near DR & far DR.

### **The Benefits:**

1. EMC Recover Point provides continuous data protection to customer, with multiple recovery points to restore applications instantly to a specific point in time.
2. Customer's applications are now protected with bi-directional synchronous and asynchronous replication and digital video recorder(DVR)-like recovery in physical, virtual, and cloud infrastructures.
3. Customer was able to minimize network utilization with unique bandwidth compression and de-duplication, significantly reducing replication of data over the network.
4. Customer was also able to streamline disaster recovery testing of the application environment while production replication continued unaffected.