IDBI Homefinance Limited

"VMware has dramatically improved manageability and provisioning. The work of IT Team has become so much easier!"

—Santosh Govardhan , Chief - Credit, IT & Systems, IDBI Homefinance Ltd.

KEY HIGHLIGHTS

Challenge
Reducing server procurement delays and deployment times
Minimizing server footprint and power consumption
Increased efficiency and manageability of IT infrastructire

Solution
VMware vSphere has enabled IDBI Homefinance Ltd. to address all of its IT challenges.

VMWare at Work
VMware vSphere 4 Enterprise, featuring:
• VMware ESX 4.1
• vMotion
• VMware vCenter Server
• VMware HA

Deployment environment
• ESX on IBM x3650 servers
• Guest operating systems: Microsoft Windows Server 2008
• Virtualized production applications: Oracle Financials, Lotus Notes, HRMS, proprietary home-loan applications

IDBI Homefinance Limited

IDBI Homefinance Ltd. (IHFL) is a 100% subsidiary of IDBI Bank, one of the leading commercial banks in India. IHFL offers home loan to clients and Individual customers through its large network of branches, spread across the length and breadth of India.

In 2003, IHFL began the process of establishing a data-center to act as the IT backbone for their 15 branch offices. With rapid growth in the housing finance sector fuelling company growth, the datacenter expanded in capacity to meet growing demands. 2 pSeries, 23 IBM X 345, 346, 445 series servers running Windows 2000 were deployed and hosted critical applications. These included proprietary home-loan management application, Lotus Notes and HRMS applications.

With a continuously expanding datacenter, IHFL's IT team faced several challenges. IHFL's datacenter had limited space, and the IT team realized that expansion and manageability to support growth of their organization was a major challenge. In addition, provisioning of a new server was time-consuming and impacted capital expenditure budgets. With these challenges in mind, virtualization was considered as the most viable solution.

Microsoft's Hyper-V and Red Hat Virtualization were considered along with VMware's vSphere. The IHFL IT team engaged with VMware Enterprise Partner VDA Infosolutions Pvt. Ltd., a system integrator with a focus on end to end data center solutions, to determine the best solution for their environment.VDA executed a POC that provided an exhaustive demonstration of the value proposition and features provided by VMware. Convinced by this demonstration that VMware provided the best combination of manageability, flexibility and high-availability features, the Top Management gave the go-ahead to the team to leverage VMware vSphere 4 Enterprise for the transition to a virtualized environment.

IHFL currently has all 23 of their servers virtualized and hosted on 3 IBM 3650 Servers using VMware vSphere 4 Enterprise. Storage is provided by an IBM N Series iSCSI SAN with 6TB of usable capacity. All business critical applications have been completely moved to the virtual environment. IHFL is extremely satisfied with the move to virtualization. Server utilization has improved dramatically. Manageability has also improved through the use of vCenter as a centralized management console. Server provisioning has become dramatically more efficient. A new server can be added to the virtual environment in a matter of minutes, compared to 3 days for a physical server. VMware has proven to be extremely reliable, contributing to a 100% uptime of the IT infrastructure. IHFL has also noted significant savings in power and cooling as well.

VMware has now become an integral part of IHFL's long-term IT strategy.

Results

• 30% reduction in power and cooling

• Improved server CPU utilization

• Server consolidation ratio of 1:7

• Provisioning time reduced from 3 days to 30 minutes

• Improved manageability through vCenter

CUSTOMER SNAPSHOT