



EMC Corporation
Hopkinton, MA
www.emc.com

Industry:

Professional Services

Annual Revenue:

US\$14.88 billion

Employees:

31,000

Oracle Products & Services:

Oracle Database
Oracle Real Application Clusters
Oracle Tuning Pack
Oracle Enterprise Manager

“As a large organization that provides services to a global client base, cost efficiency is of paramount concern to our success. Oracle Database 11g enabled us to optimize our energy efficiency as well as our data center resources, which has translated to US\$3 million in savings to date, with additional savings anticipated in the future.” – Ramesh Razdan, Director of Enterprise Technology Services, EMC Corporation

EMC Helps Save US\$3 Million and Ensures Scalability with Consolidated Grid Computing Solution

EMC Corporation is the world’s leading developer and provider of information infrastructure technology and solutions that enable organizations of all sizes to transform the way they compete and create value from their information.

Challenges

- Contain costs for the large, global information infrastructure services provider by enabling the company to migrate to lower cost commodity hardware
- Provide the flexibility to host databases in multiple ways to optimize energy efficiency and minimize operating costs
- Ensure scalability to support company growth and meet future IT infrastructure needs for long lifecycle projects
- Provide robust monitoring to ensure high system availability

Solution

- Implemented a three-node, 400 to 500 gigabyte grid computing solution using Oracle Database 11g to enable use of lower cost commodity hardware and to improve data center efficiency
- Gained the ability to host a number of databases in multiple ways to optimize data center resources and reduce costs
- Ensured sufficient system capacity to run 35 applications on the Oracle-based grid environment that range from time tracking to manufacturing to Web audit applications
- Provided the scalability for EMC to meet the needs of customer projects with long lifecycle timelines without having to build on its IT infrastructure
- Increased energy efficiency and optimized the use of resources across the large IT environment—saving EMC US\$3 million in operation and replacement costs during the first 18 months after the implementation
- Leveraged Oracle Enterprise Manager Grid Control to gain a comprehensive view of the company’s data grid, as well as monitor performance and deploy patches efficiently to further reduce costs
- Allowed EMC database administrators to identify performance problems in databases and applications with Oracle Tuning Pack
- Planned to save an additional US\$7 million over the next 12 to 18 months with the continued efficiency benefits of the grid architecture