

Oracle 10gRAC on Linux

Novantas

A CINTRA CASE STUDY

► COMPANY PROFILE

COMPANY

Novantas

TYPE OF BUSINESS

Management Consulting for
the Banking Industry

CORPORATE HEADQUARTERS

New York, NY

BUSINESS NEED

A Consolidated, highly
available and scalable
database platform

SOLUTION

Design and implementation
of a 4 Node Oracle 10gRAC
cluster with RMAN backups
and GRID Control.

TECHNOLOGY

IBM BladeCenter
Oracle 10g RAC
Redhat Linux

BACKGROUND

Novantas is a management consulting firm dedicated to helping financial services, information services, and utility services clients realize shareholder value through a variety of practical strategies and technology driven tools. Novantas' specialty areas include maximizing customer profitability through cross selling, pricing strategies, customer retention, and improving the overall customer experience.

When Novantas required a consolidated, highly available, and scalable database platform, they chose Cintra as their Oracle technology partner.

The Challenge

To design and build a 4-Node Highly Available 10gRAC Cluster to consolidate and support multiple Production OLTP, Data Warehouse, and Reporting environments.

Previously, Novantas maintained multiple Oracle 8i servers and databases for the import of input data and the production of complex comparison reports to allow US banking institutions to view industry benchmark data. For a separate application and database, Novantas provided their clients' sales teams with online sales support technology to assist with sales generation, cross selling, and sales process tracking. The multiple database environments created undue complexity for performance monitoring and backups and did not address the critical need for high availability and the ability to scale as their business grew. Novantas needed to more efficiently manage these multiple environments and also benefit from the latest database features from Oracle with an upgrade to Oracle 10g.

The adoption of Oracle's RAC architecture introduced much needed consolidation, high availability, and scalability capabilities to the Novantas environment. Alongside Oracle 10gRAC, the use of Oracle's RMAN and Oracle 10g GRID Control significantly improved backup and monitoring processes.

THE CINTRA SOLUTION

Many companies want the security afforded by Oracle's RAC cluster solution for high availability, but lack the resources and experience required for the complexity of a

Novantas

A Cintra Case Study

Oracle RAC implementation. Cintra's many 9i and 10g RAC deployments demonstrate a proven track record in delivering this technology.

RAC allows the Oracle database to run across multiple servers. If a server fails, Oracle continues running seamlessly on the remaining servers, and you can add additional servers for more processing power without taking the database down.

Cintra followed a clearly focused approach to the project: starting with a detailed configuration plan, followed by a robust build supported through pre and post production phases. Cintra's high quality document provided a complete and detailed blueprint for the implementation.

RESULTS

The new 10gRAC architecture was designed and implemented within four weeks. Novantas were able to take advantage of the new 10g features immediately and then also benefit from the High Availability offered by Oracle's 10gRAC.

Novantas is now in production with 10gRAC and benefiting from increased scalability and availability along with the improved manageability provided by Oracle Grid Control for database monitoring. Oracle RMAN ensures that database backups are performed on a scheduled basis with minimal impact on system performance.

CUSTOMER CONFIDENCE

Cintra continues its work with Novantas as a close technology partner. Cintra continues to provide, Enterprise Architecture, remote Database Management, Development, and 24 x 7 emergency production support.

TESTIMONIAL

"Cintra provided us with a solution that we have total confidence in. As our chosen partner they designed a complete 10gRAC database platform that enabled us to consolidate our many database servers into a single solution that met our needs for scalability and availability for our production and data warehousing environments. Cintra was sensitive to our budget, timelines, and technical issues as they worked closely with key members of our organization. In addition, their ongoing support for this installation has been first rate. They are a complete solution provider."

CIO, Novantas

Solution Snapshot

Oracle 10g RAC with Grid Control and RMAN backups

Hardware:

- IBM BladeCenter technology running RHEL

Software:

- Oracle 10g Database
- Oracle 10gRAC for High Availability and Scalability
- Oracle Grid Control Monitoring
- Oracle RMAN for backup management

Services:

10gRAC Design, implementation, and ongoing 24x7 support.

Cintra US

Cintra Software and Services
54 West 39th Street
New York, NY 10018
(212) 481-6501 Phone
(866) 245-0881 Toll-Free



Cintra UK

Cintra Software and Services
10 Apsley Road
Clifton, Bristol
BS8 2SP
011 44 (0) 1179 23745 Phone