

Hospitality

The Client: An organization in the Hospitality Industry

The Issue: The client was running several, custom built, multi-node Real Application Cluster (RAC) systems in support of their customer's business. They constructed several RAC environments out of necessity because the original system was unstable and required constant attention. The subsequent clusters were built as failover environments in the likely event that the main cluster failed.

The Solution: While the applications in this case were entirely OLTP focused (millions of small transactions per day), the client chose to implement Exadata. In most cases, Exadata is chosen for its extreme performance capabilities, not for pure OLTP applications.

This customer saw great benefit in purchasing a pre-built, multi-node RAC environment for which the manufacturer would provide full support. Exadata delivered on that requirement.

The Exadata platform performed similarly to the incumbent systems, as expected. The difference was stability, scalability and support. Following a successful database migration to Exadata, this customer began testing a Microsoft SQL Server based data warehouse on Exadata.

When Exadata was proven to be 10s of times faster than the MSSQL environment, it too was moved to Exadata. Because of Exadata's Resource Management capabilities, both the OLTP and Data Warehouse systems now happily coexist on the same hardware.