

# RISC to X86 Migration Analysis

Migrating Oracle from one platform to another can be a daunting task to accomplish. A number of factors need to be taken into account when planning such a project. These factors include the number of applications, databases and mixed workloads to migrate and can add to the complexity and risks associated with such projects. The professionals at House of Brick can help you navigate this complexity and guide you in the direction that will make your company successful.

## Overview of the Service

The RISC to X86 Migration Analysis is designed for customers committed to migrating to a virtual infrastructure and who have a significantly large portfolio of applications and databases with mixed workloads to evaluate. This includes developing a high-level enterprise roadmap and project plan for migrating the databases and developing a reference architecture for the targeted virtual infrastructure. In addition, a high-level risk analysis will also be developed for the customer.

## Qualifying Questions

Is the RISC to X86 Migration Analysis right for you? The following questions may help you decide.

- Are considering implementing and migrating to a virtualized infrastructure environment and want to consider the potential cost savings, risk identification, operational and management efficiencies and potential scenarios as related to such a project.
- Are looking for a high-level infrastructure recommendations on how Oracle workloads may fit into a virtualized environment and be optimally enabled for disaster recovery and high availability.
- Need to understand the Total Cost of Ownership (TCO) for migrating to a virtual infrastructure.
- Need to develop a roadmap for moving their applications and databases to a virtual infrastructure.

## o n - s i t e ACTIVITIES

- HoB will team with customer personnel for mentoring and development
- Gather and review system metrics
- Collect performance metric baseline on existing system
- Interview for requirements, SLA's, and future state projection
- Develop best practice templates for target architecture
- High level evaluation of security, HA, DR, organizational readiness, etc.

# customer DELIVERABLES

- High level migration project plan, including resource scoping for internal, HoB, and/or EMC resources
- Risk analysis and recommendations
- Target architecture for servers to be migrated
- Tool recommendations (EMC, HoB, customer, or third party) that may be required for migration
- Full engagement documentation, including analyses and recommendations

# customer CONSIDERATIONS

- Limit to 100 physical systems
- HoB will be involved in selecting candidate systems
- Single IT department and available admin resources
- Oracle license review is not in scope
- System stacks are command line accessible
- The middle tier and apps are compatible versions

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