

Oracle Virtualization Prototype

House of Brick can work with your team to build a virtualized environment of a non-production Oracle database as a Proof of Concept (POC) of how the migration process and virtual infrastructure will be executed. This POC will also show how a virtual environment will be sized and what factors go into sizing a virtual environment. The instance will be migrated to a virtualized Linux server running on VMware's vSphere.

Overview of the Service

Migrating an Oracle environment from one platform to another is a complex and tedious task that involves all aspects of the business and can have a number of potential risks associated with it. Developing a prototype using the proposed migration process allows you to validate functionality and performance on the new platform. A prototype can also help you in further understanding the migration process and in identifying potential issues, thereby mitigating any risks associated with such projects.

In addition, you may also want to validate a proposed solution in comparison with a competing vendor. By developing such a prototype, you can validate your workload and identify potential risks with the proposed solution and therefore be able to make more informed decisions based on the process and results.

Qualifying Questions

Is the Oracle Virtualization Prototype service right for you? The following questions may help you decide.

- Are you committed to the design, implementation and migration strategy to a virtual infrastructure?
- Are you exploring alternative solutions for your infrastructure and comparing solutions?
- Do you want to validate your solution and strategy for migrating to a virtual infrastructure?
- Do you want to validate the sizing estimates and performance of the migrated instance against your workload?

on-site ACTIVITIES

- HoB will team with customer personnel for mentoring and knowledge transfer
- Review Oracle on VMware best practices and adapt them for the customer's environment
- Collect performance metric baseline on existing system
- Analyze workload and determine optimal migration method
- Performance tuning and benchmarking against legacy platform
- Prototype build and migration

customer DELIVERABLES

- Oracle on VMware best practices adapted for the client
- Specific virtual configuration for pilot workload
- Documented plan for prototype migration
- Fully virtualized and performance tuned database
- Full engagement documentation and presentation of results

customer CONSIDERATIONS

- Limited to one hardware Oracle DB server on Linux \leq 4TB
- Oracle database is at least version 10.1
- Target replatform on compatible DB version
- The middle tier and apps stay on hardware
- Customer has an adequate, dedicated vSphere server already burned in
- Customer has sufficient admin availability and expertise

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