

Cloud Transformation Leads to Cost Savings...Guaranteed.



**90% reduction in task duration time possible with provisioning automation**

**95% storage space efficiencies can be achieved.**

Do you have 100s or 1000s of Oracle databases sitting idle on a variety of servers? Are they costing you millions and causing compliance, risk and security issues? Are different workgroups within your organization getting tired of waiting and trying to "serve themselves"?

### Our Solution

Keste's DBaaS solution transforms your IT infrastructure into a private cloud IT provider, allowing you to consolidate your servers, storage and database workloads for greater agility, while reducing cost and risk.

The Keste DBaaS Solution includes:

#### 1. DBaaS Cloud Architecture blueprint.

Keste will provide a best-fit cloud architecture blueprint for building an enterprise private cloud that is:

- cost-optimized.
- highly available.
- scalable.
- secure.

#### 2. Private Cloud Build Out

Utilizing Oracle Enterprise Manager 12c, Keste will build out a DBaaS private cloud that will:

- configure metering, showback and chargeback schemes.
- configure provisioning templates.

- provide support for Exadata.
- provide support for non-Oracle hardware [EMC, Dell, HP].

#### 3. Support for 3rd party cloud integration

This includes:

- Salesforce integration.
- Amazon Web Services (AWS) integration.
- VMWare vSphere Cloud Services (vCloud) integration.

### Oracle EM12c Cloud Models

#### PaaS (Platform-as-a-Service)

#### DBaaS (Database-as-a-Service)

#### MWaaS Middleware-as-a-Service

DBCA

Snap Clone Sw & Hw

RMAN Backup Clone

Schema-as-a-Service

Pluggable Database as Service

Java-as-a-Service

Application Provisioning Maintenance

### Database Security

### Project Scope Timeline

**Low to Medium Complexity** (approx. 1-25 Oracle DB, residing on up to 20 servers [vm or physical]) *Approx 4 weeks*

**Medium to High Complexity** (approx. 26-500 Oracle DB, residing on up to 300 servers [vm or physical]) *Approx 8 weeks*

### Benefits of the Keste DBaaS solution

- Reduce resource sprawl and improve utilization through pooling and distribution of resources.
- Increase DBA productivity due to automation and simplified administration
- Ability to repurpose existing system resources more efficiently, saving money.
- More reliable data security and compliance.
- Faster application development/testing to deliver business value and prevent resource hogging.
- Deferment of costly hardware upgrades due to the optimization of DB resources and the efficient use of CPU, memory, disk and network.