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Cloud Solutions

Power of Oracle in the Cloud

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Overview

The Oracle technology is known for its power, productivity and robustness. Likewise, Oracle cloud service is also backed by these features as it is designed in a very user friendly way for ease of use. The base of Oracle cloud service is Oracle database technology which functions on Exdata database machine, the ultimate database platform globally. Database cloud service comprises of three key components:

- *RESTful Web Service Access:* Allows data access in your database via URLs
- *Application Express:* Allows creation, deployment and support of various applications in a browser based environment
- *Business Productivity Applications:* These are a set of business applications than can be easily installed with minimum efforts

These set of components comprise of key benefits:

- Simple to develop and deploy with a suitable pricing

- Portable to platforms that support Oracle database in public or private cloud

- Strong enterprise service backed by the power of proven Oracle technology

- Productive enough to benefit your IT staff and business users

The Oracle Database Cloud Service supports the Oracle Java Cloud Service, providing the full power of Oracle SQL and PL/SQL for Java application deployment in the Cloud.

This white paper provides an overview of the Oracle Database Cloud Service.
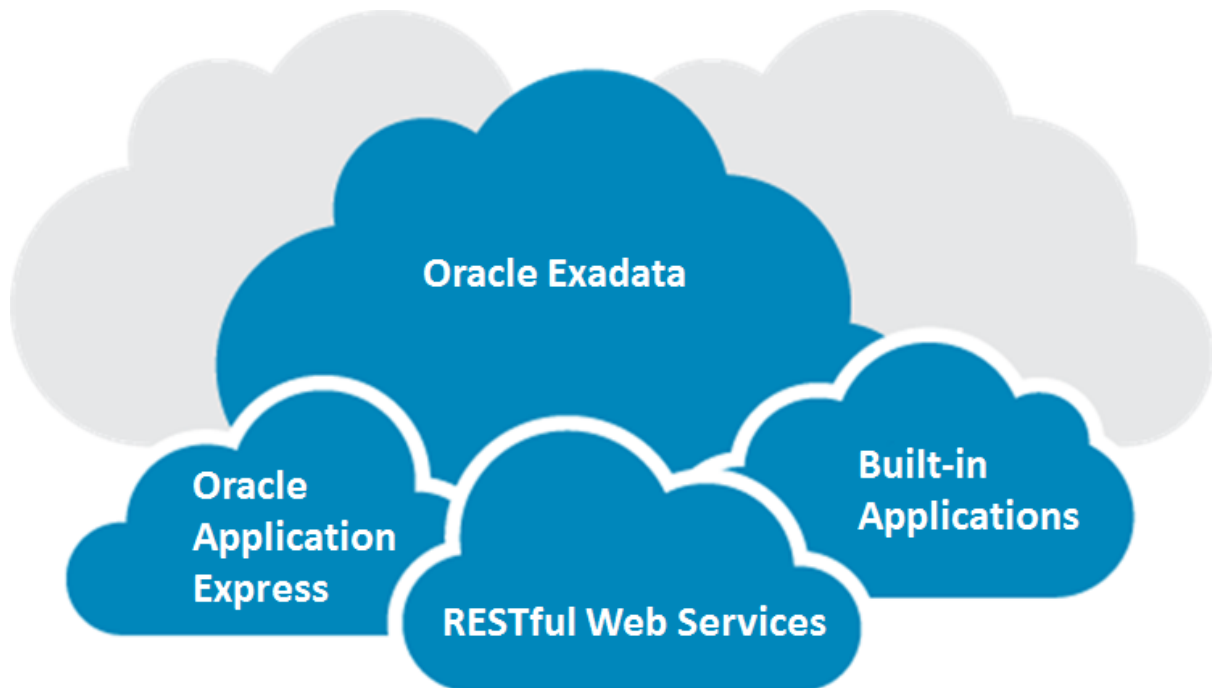
Significant Advantages of Cloud Computing

- Cloud computing is everywhere via Internet. Cloud computing resources are accessible on a variety of devices such as tablets, desktops and mobile phones.

- A cost effective service, as cloud computing follows the pay as you go model.

- There are no costs to acquire hardware / software as cloud computing is carried out on a subscription fees

- Computing infrastructure generally requires attention. However, the Cloud enables simple modification and maintenance of IT environments.

- Increased access to information where users extract more value from their data, combine with their domain expertise and produce business benefits

Oracle Cloud Service Advantages

- Works well on any browser on any platform

- Available in various sizes as per the storage and transfer metrics

- Free from initial costs. Available on a single subscription fees inclusive of maintenance operations and support

- Comprises of simple administrative tools that can track usage, add or remove users and start to be productive in very less time

- Helps users to work in real time as it involves rapid application development and instant deployment.

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Key Components

- **Oracle Exadata**

The Oracle Database Cloud Service runs on Oracle Exadata hardware – the most advanced database platform in the world today. Oracle Exadata uses a variety of techniques and technology to improve the operation of the most time-consuming database operations.

- **RESTful Web Services**

The Oracle Database Cloud Service uses RESTful Web services to access data in your Oracle Database. The Database Cloud Service consists of RESTful Web service wizard, which facilitates you to create services which implement any SQL statement or PL/SQL procedure to supply data to applications. The RESTful Web service wizard lets you simply define a few attributes for a service and then use the full power of SQL and PL/SQL to perform database operations.

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- **Oracle Application Express**

Oracle Application Express (APEX) gives developers the ability to create applications in minutes. Once the development is complete, the applications are instantly available, allowing interactive development where developers work with users to quickly create and refine applications to achieve business goals. You can also extend APEX applications to meet your specific business needs with PL/SQL, so the range of functionality you can implement is virtually unlimited. Oracle Application Express provides both extremely high levels of productivity for creating standard applications and the ability to create sophisticated mission critical applications. Oracle Application Express also includes capabilities for managing your data structures and user communities, as well as functionality to help teams of developers manage their projects and communications.

- **Built-in Applications**

A set of business productivity applications are full production versions designed to provide real functionality, such as project management, shared calendars and shared checklist management. All of these applications share the same privilege levels of administrator, developer and user, which grant differential access to functionality and features. All of these applications can be installed or removed through the same simple administrative interface. In addition to these pre-packaged business applications, the Oracle Database Cloud Service will support third party applications which share the same infrastructure and user pool. All third party applications will go through a validation process to insure the safety of the application and the protection of user data in the Oracle Database Cloud Service environment.

About Reliason Solutions

Reliason Solutions was established in 2007 to provide the solutions for Siebel, Oracle Business Intelligence (OBI) and Database Services. With extensive Siebel implementation and upgrade expertise, Reliason's Siebel implementation services assist companies to build end-to-end business processes by assembling pre-packaged components and combining them with their own custom components. We help businesses to deliver fast and customized solutions and keep pace with shifting business demands by leveraging reusable and modular components.

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