Building Modern Business Applications with Oracle Cloud's Platform Services

Richard Garsthagen
Director Cloud Business Development EMEA

Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.
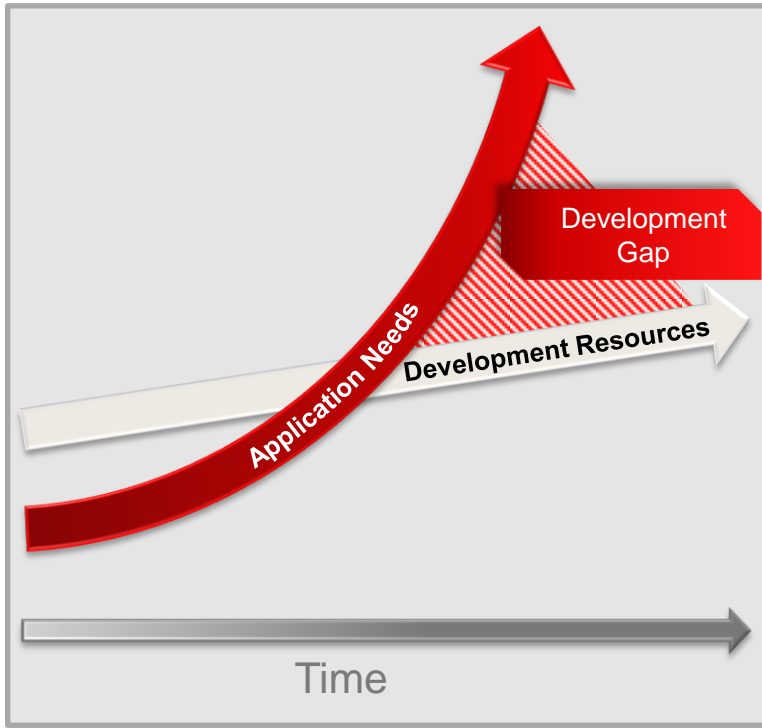
TRANSFORMING

YOUR BUSINESS SO YOU CAN
DELIVER OR CONSUME IT AS A SERVICE AND
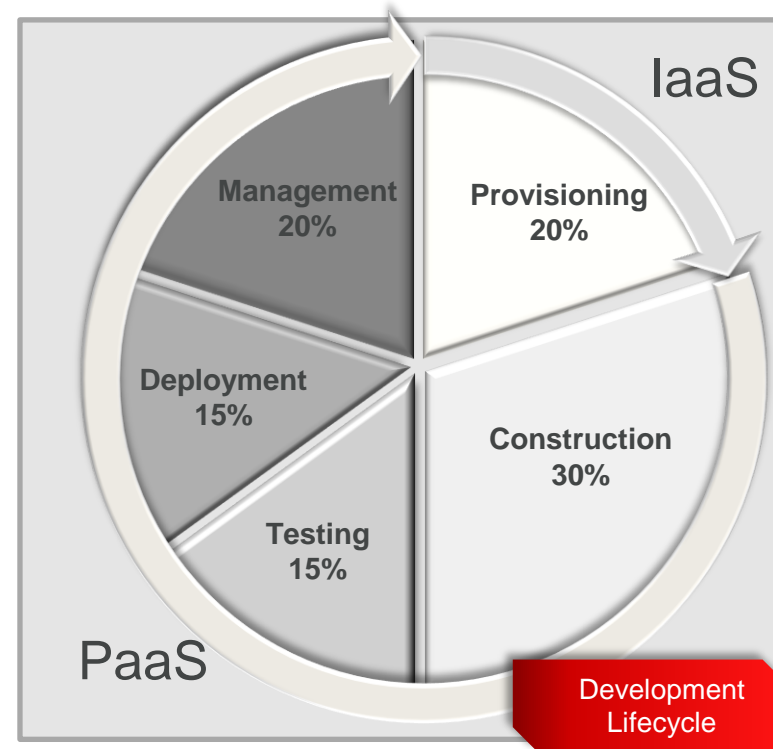GAIN A COMPETITIVE ADVANTAGE

What's Driving the Cloud for Developers

Address the Development Gap and Transform Development Experience

Development Gap

Application Needs

Development Resources

Time

- Dramatically reduce provisioning, deployment and management time

- Increase throughput and quality with more efficient construction and testing

IaaS

Management 20%

Provisioning 20%

Deployment 15%

Construction 30%

Testing 15%

PaaS

Development Lifecycle

ORACLE

Oracle Cloud

Unmatched Breadth, Depth and Choice

Platform Services

Application Services

Social Services

Common Infrastructure Services

Build new or seamlessly extend existing investments with Cloud

Application Services

Complete, Best-of-Breed, Enterprise Grade

ERP Services

HCM Services
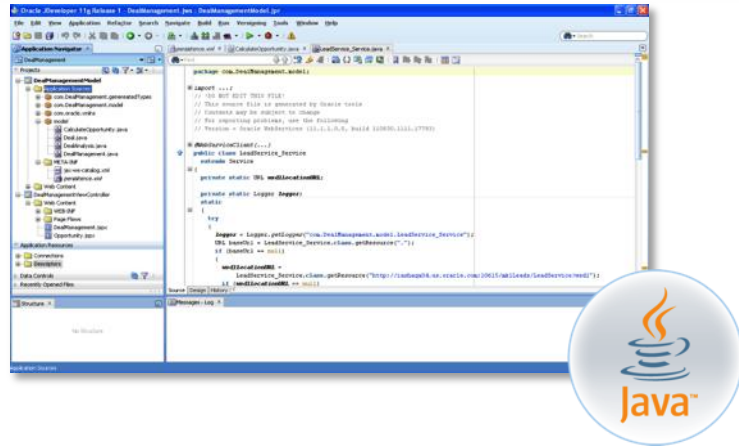
Talent Services

Sales & Marketing Services

Customer Experience Services

Common Infrastructure Services

ORACLE

Oracle Java Cloud Service

Features

Java

- **Java EE, WebLogic Server, and ADF Applications**
- **Web applications**
  - JSP, JSF, Web Services, REST
- **Database interaction**
  - Java Persistence API (JPA)
  - Or other JDBC interactions
- **EJB business logic**
  - With no remoting

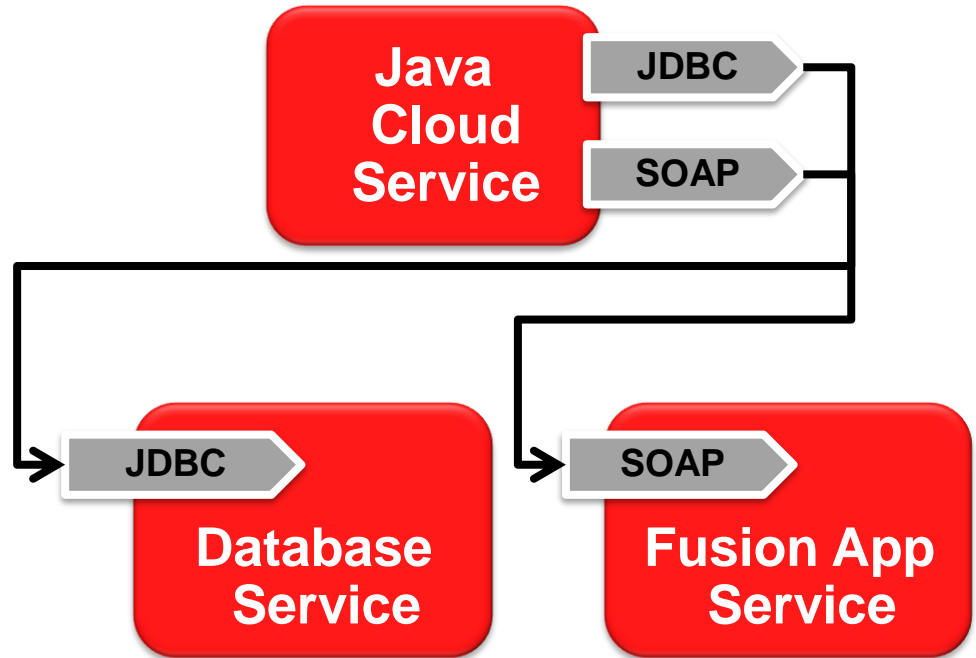ORACLE

Oracle Java Cloud Service

Developer Perspective

- Productivity features across popular IDEs
  - With no tooling tie-in
- Ant and Maven support
- Support for all popular Java frameworks
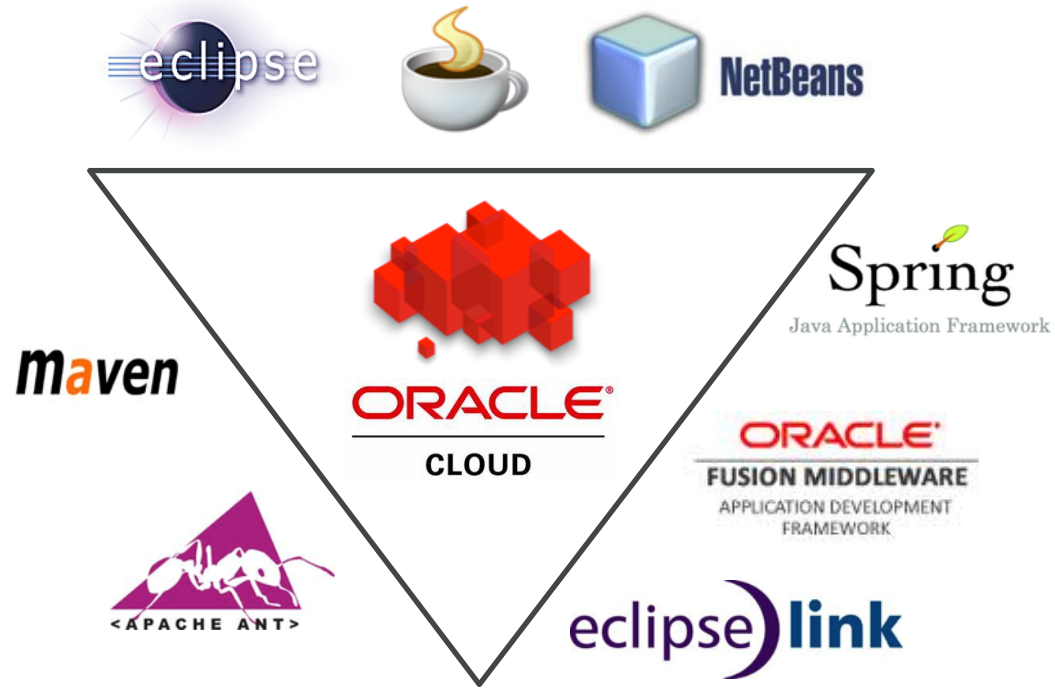
ORACLE

Oracle Java Cloud Service

Service Integrations

- Database Service
  - Through JDBC, JPA, ADFBC, or other JDBC abstractions
- Fusion App Service
 - Through WS-Security protected SOAP (using OWSM)

Java Cloud Service

JDBC

SOAP

Database Service

JDBC

Fusion App Service

SOAP

ORACLE

Oracle Java Cloud Service

Subscription prices

Java S1	Java S2	Java S4
$249 / Month	**$499** / Month	**$1,499** / Month
Buy Now	**Buy Now**	**Buy Now**
1 Oracle WebLogic Server [1]	**2** Oracle WebLogic Servers [1]	**4** Oracle WebLogic Servers [1]
1.5 GB RAM for Java Heap [2]	**3 GB** RAM for Java Heap [2]	**6 GB** RAM for Java Heap [2]
5 GB File Storage [3]	**10 GB** File Storage [3]	**25 GB** File Storage [3]
50 GB Data Transfer [4]	**250 GB** Data Transfer [4]	**500 GB** Data Transfer [4]

ORACLE

Oracle Database Cloud Service
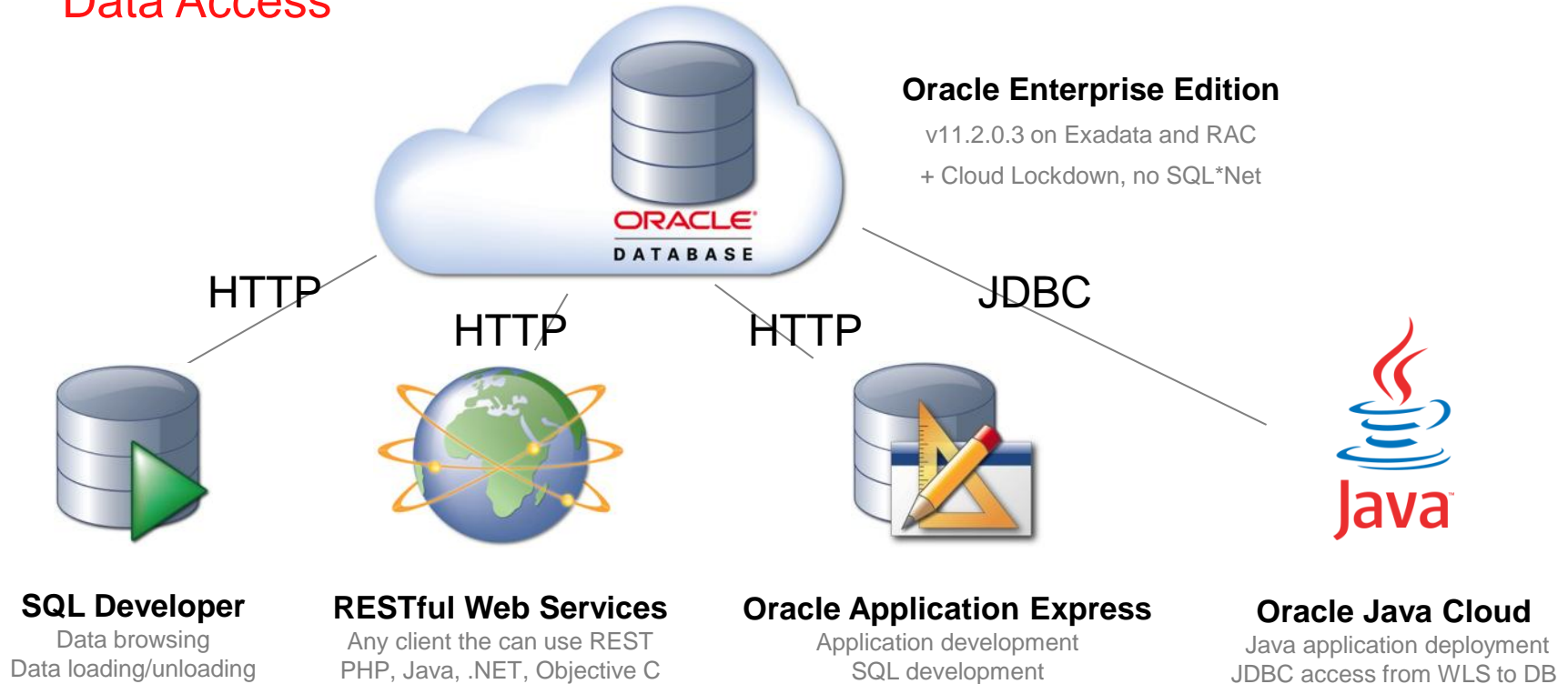
Features

Database
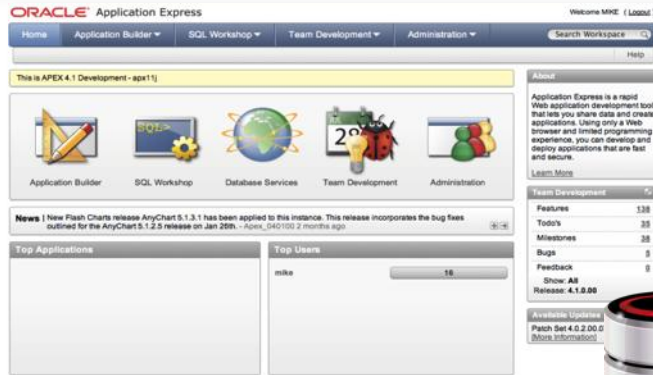
- Oracle Database application development/deployment in the cloud
- Choice: APEX, SQL, PL/SQL, Java, REST APIs
- Secure: data, schema, table-space isolation
- Easy to use: self-service management

ORACLE

Oracle Database Cloud Service

Data Access

Oracle Enterprise Edition

v11.2.0.3 on Exadata and RAC

+ Cloud Lockdown, no SQL*Net

HTTP

HTTP

HTTP

JDBC

SQL Developer
Data browsing
Data loading/unloading

RESTful Web Services
Any client the can use REST
PHP, Java, .NET, Objective C

Oracle Application Express
Application development
SQL development

Oracle Java Cloud
Java application deployment
JDBC access from WLS to DB

ORACLE

Oracle Database Cloud Service

Subscription prices

Database S5	Database S20	Database S50
$175 / Month	**$900** / Month	**$2,000** / Month
Buy Now	Buy Now	Buy Now
1 Schema Oracle Database 11g Release 2	**1 Schema** Oracle Database 11g Release 2	**1 Schema** Oracle Database 11g Release 2
5 GB Oracle Database Storage	**20 GB** Oracle Database Storage	**50 GB** Oracle Database Storage
30 GB Data Transfer [1]	**120 GB** Data Transfer [1]	**300 GB** Data Transfer [1]

ORACLE

ORACLE

Transform Development Experience with Oracle Cloud

Complete, Standards-Based, Enterprise-Grade

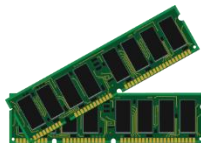|					
Database Services	**Java Services**	**Developer Services**	**Mobile Services**	**Messaging Services**	**Storage Services**
Identity Services	**Notification Services**	**Caching Services**	**Collaboration Services**	**Analytics Services**	**Application Store**

Enterprise Grade Hardware, Software, and Management Infrastructure

ORACLE

New! Oracle Developer Cloud Service
Complete, Standards-Based, Enterprise-Grade

- **Develop** on a turnkey development platform securely hosted in the cloud
- **Collaborate** with integrated tools to manage and track tasks, builds, and documentation
- **Deploy** automatically to Oracle Java Service or your local infrastructure
- **Standards-based** Git, Hudson, Maven, …

Database Services · **Java Services** · **Developer Services** · **Mobile Services** · **Messaging Services** · **Storage Services**

Identity Services · **Source Control Management** · **Notification Services** · **Issue Tracking** · **Hudson Continuous** · **Wiki Collaboration** · **Caching Services** · **Collaboration Services** · **Analytics Services** · **Application Store**

Enterprise Grade Hardware, Software, and Management Infrastructure

ORACLE

New! Oracle Developer Cloud Service

What's in it for developers?

Create better applications with lifecycle management capabilities at your fingertips

Save time by focusing on your application behavior, not the infrastructure

Leverage continuous integration to improve team collaboration and productivity

ORACLE

New! Oracle Messaging Cloud Service

Complete, Standards-Based, Enterprise-Grade

Database Services

Java Services

Developer Services

Identity Services

Messaging / Notification Services

Caching Services

Mobile Services

Messaging Services

Storage Services

Collaboration Services

Analytics Services

Application Store

- Asynchronous messaging with priority, selectors, persistence, transactions & guaranteed delivery
- Queues and topics
- JMS provider for Java Cloud
- Hybrid cloud communication with REST APIs and HTTP message push listeners

Enterprise Grade Hardware, Software, and Management Infrastructure

ORACLE

New! Oracle Messaging Cloud Service

What's in it for developers?

Bridge the gap between on-premise and cloud

Save time integrating messaging into your applications

Seamlessly leverage Oracle Java expertise

ORACLE

New! Oracle Storage Cloud Service

Complete, Standards-Based, Enterprise-Grade

Database Services

Java Services

Developer Services

Identity Services

Notification Services

Caching Services

Mobile Services

Messaging Services

Storage Services

Collaboration Services

Analytics Services

Application Store

- **Store** and manage digital content securely in the cloud
- **Administration** control panel for management, metrics and monitoring
- **Access** via Rest and Java API seamless integration with Oracle Cloud services

Enterprise Grade Hardware, Software, and Management Infrastructure

ORACLE

New! Oracle Storage Cloud Service

What's in it for developers?

Stop wasting time on infrastructure discussions

Spend more time on what matters: coding, innovating, developing
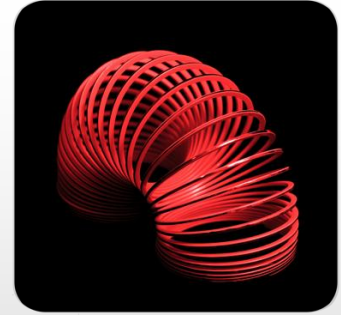
Enjoy greater flexibility and customize the development process to work with your style

ORACLE

Oracle Cloud Services for Developers

Key Features

Built on industry standards – SQL, Java, HTML5, Web

Transparently run in the cloud – zero application code changes

Self-service control for users – develop, deploy, manage

Complete data isolation – in the database, on disk

Service-Oriented Architecture – on-premise and cloud integration

ORACLE

Global Data Centers

Santa Clara

Chicago

Toronto

Linlithgow

Japan

London

Amsterdam

Oklahoma City

Austin

Singapore*

Sydney

- Global coverage for security & performance
- Gen 4 Data Centers
- Compliance Certifications
- Multi-data center regional coverage
- 24X7 Active Monitoring and Support

*Coming Soon

PAAS Services

Current status

LIVE

Database Services Java Services

Preview

Developer Services Messaging Services Storage Services

Future Roadmap

Mobile Services Identity Services Notification Services Caching Services Collaboration Services Analytics Services Application Store
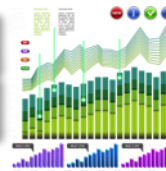
Private Cloud vs Public Cloud

Same technology stack

Private Cloud

Data sharing as a service via Apex
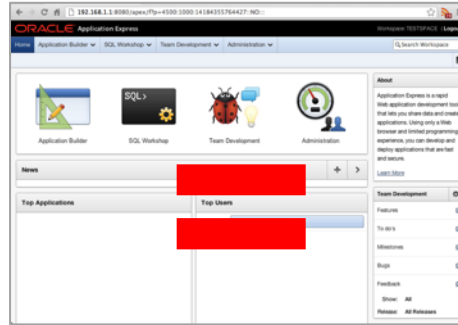
Public Cloud

Database Cloud Service

MWaaS
With EM12x

Java Cloud Service

ORACLE

Oracle Cloud

Unmatched Breadth, Depth and Choice

Platform Services

Application Services

Social Services

Common Infrastructure Services

Build new or seamlessly extend existing investments with Cloud

ORACLE