

*and more!*  
^

# Continuous delivery of Java applications using Oracle Cloud Platform Services

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Principal Sales Consultant  
Oracle Cloud Platform

May, 2016

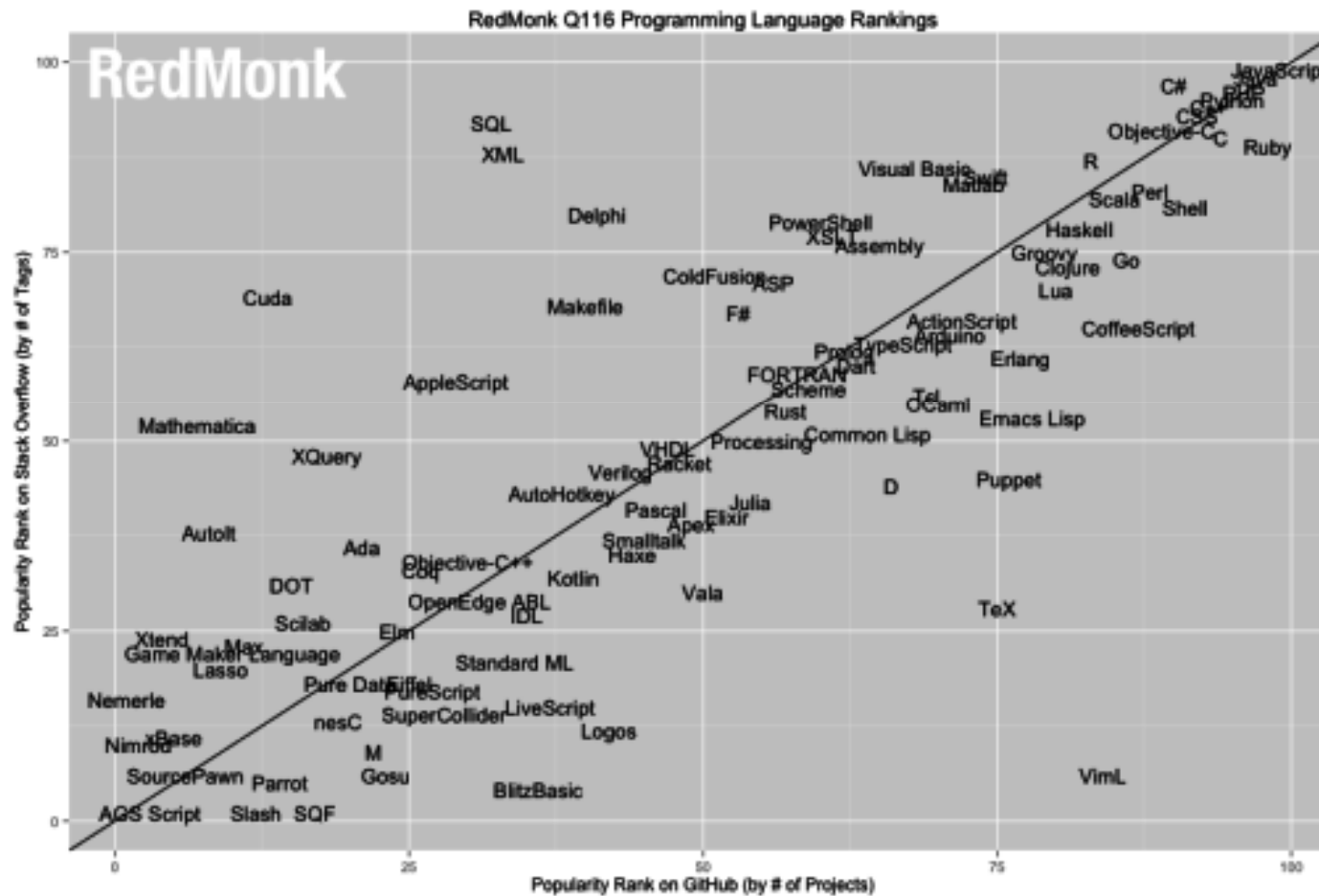
## Safe Harbor Statement

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.

# Polyglot Programming

## Manv tools

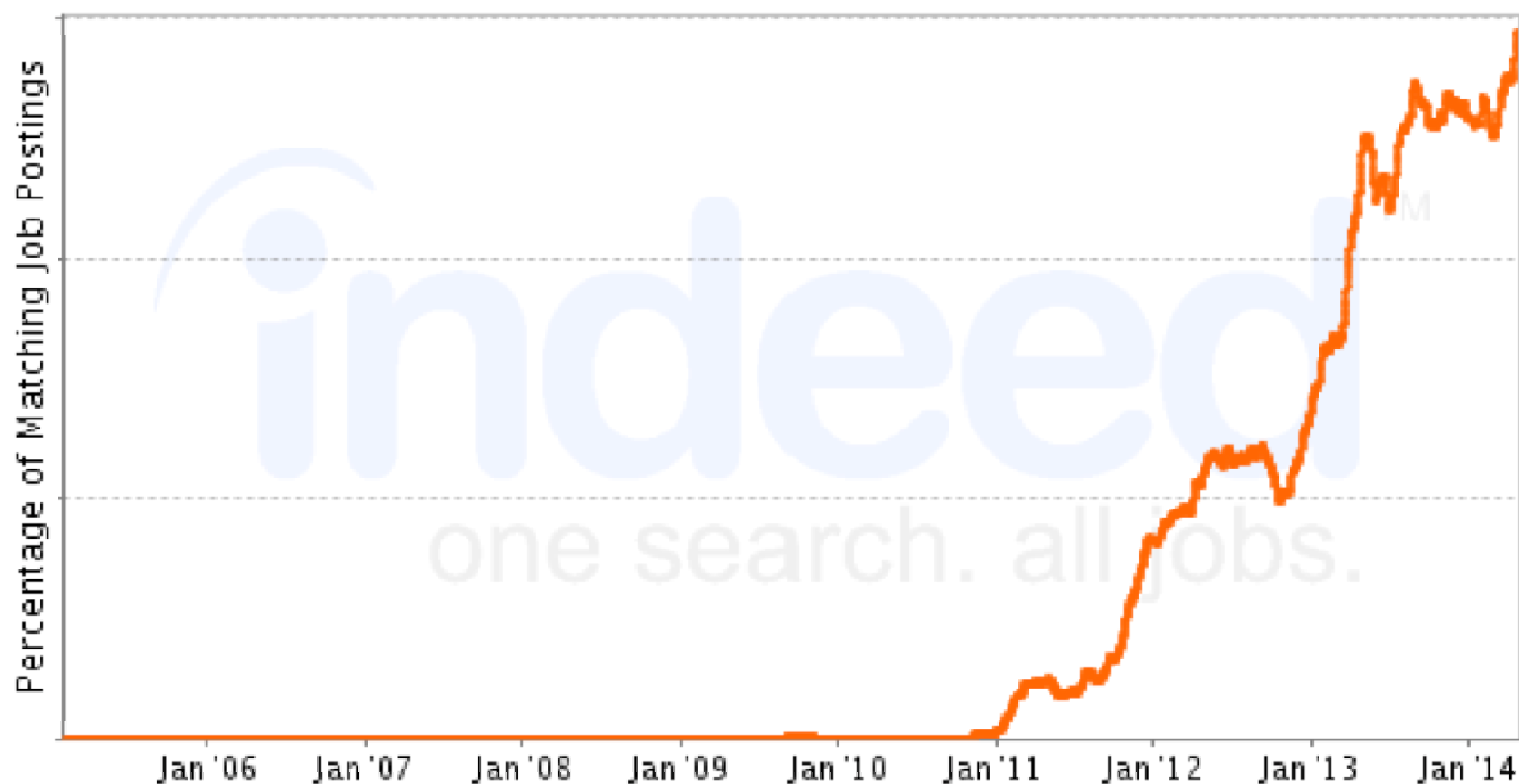
- 1 JavaScript
- 2 Java
- 3 PHP
- 4 Python
- 5 C#
- 5 C++
- 5 Ruby
- 8 CSS
- 9 C
- 10 Objective-C
- 11 Shell
- 12 Perl
- 13 R
- 14 Scala
- 15 Go
- 15 Haskell
- 17 Swift
- 18 Matlab
- 19 Clojure
- 19 Groovy
- 19 Visual Basic



# Demand for DevOps Skills

Job Trends from Indeed.com

— devops



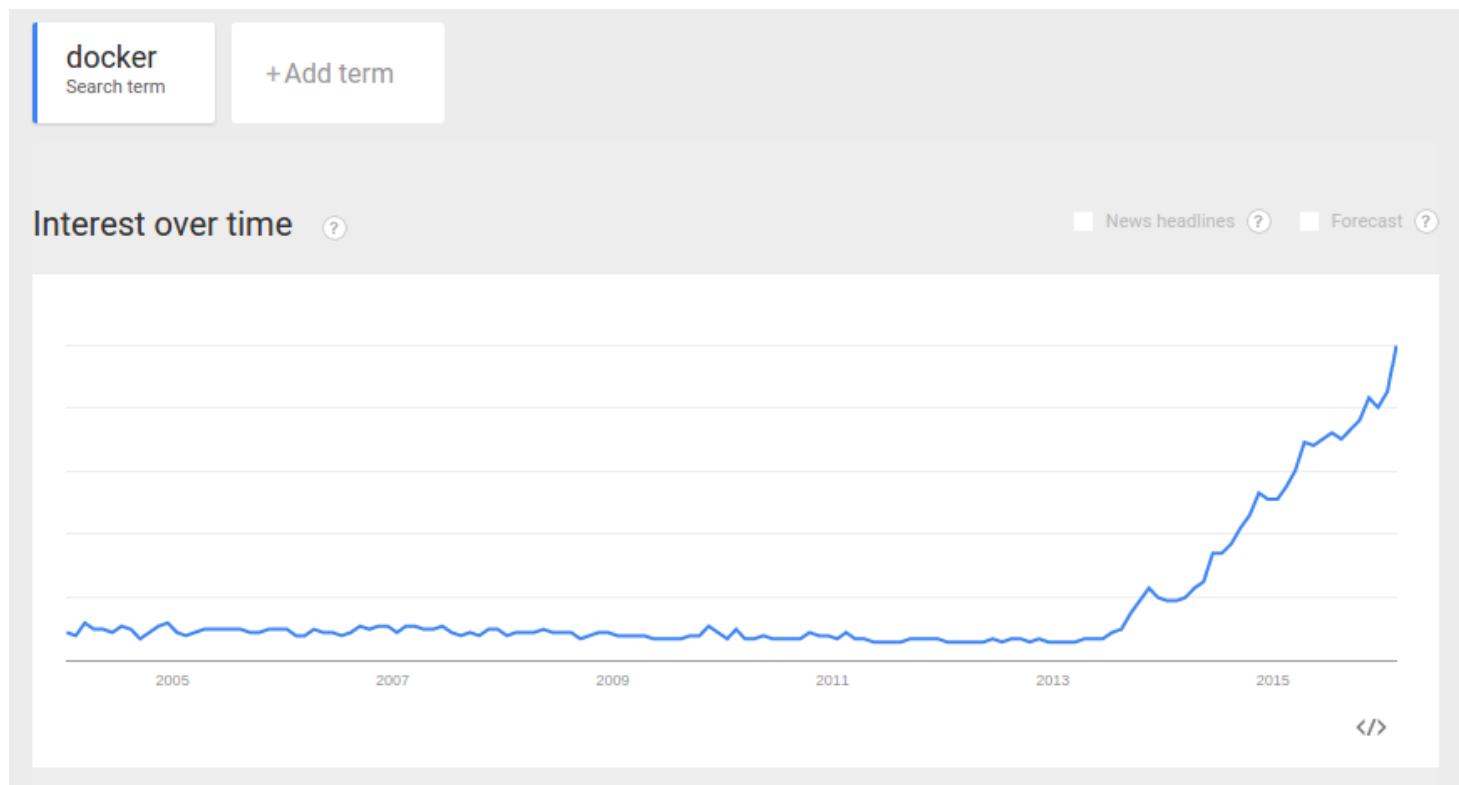
# Microservices

## Cattle vs Pets



## Fast Growing Interest

- Community
  - General buzz
  - 700+ contributors
  - Red Hat, IBM, Pivotal
  - Microsoft, Google
  - Oracle
- Agile customers
  - Fast adoption
- Useful for DevOps
  - Easy provisioning



# Open Source is the new Normal



# Oracle Application Development & Deployment Benefits

Instant **setup**

Complete **automation**

Multiple Programming **Languages**

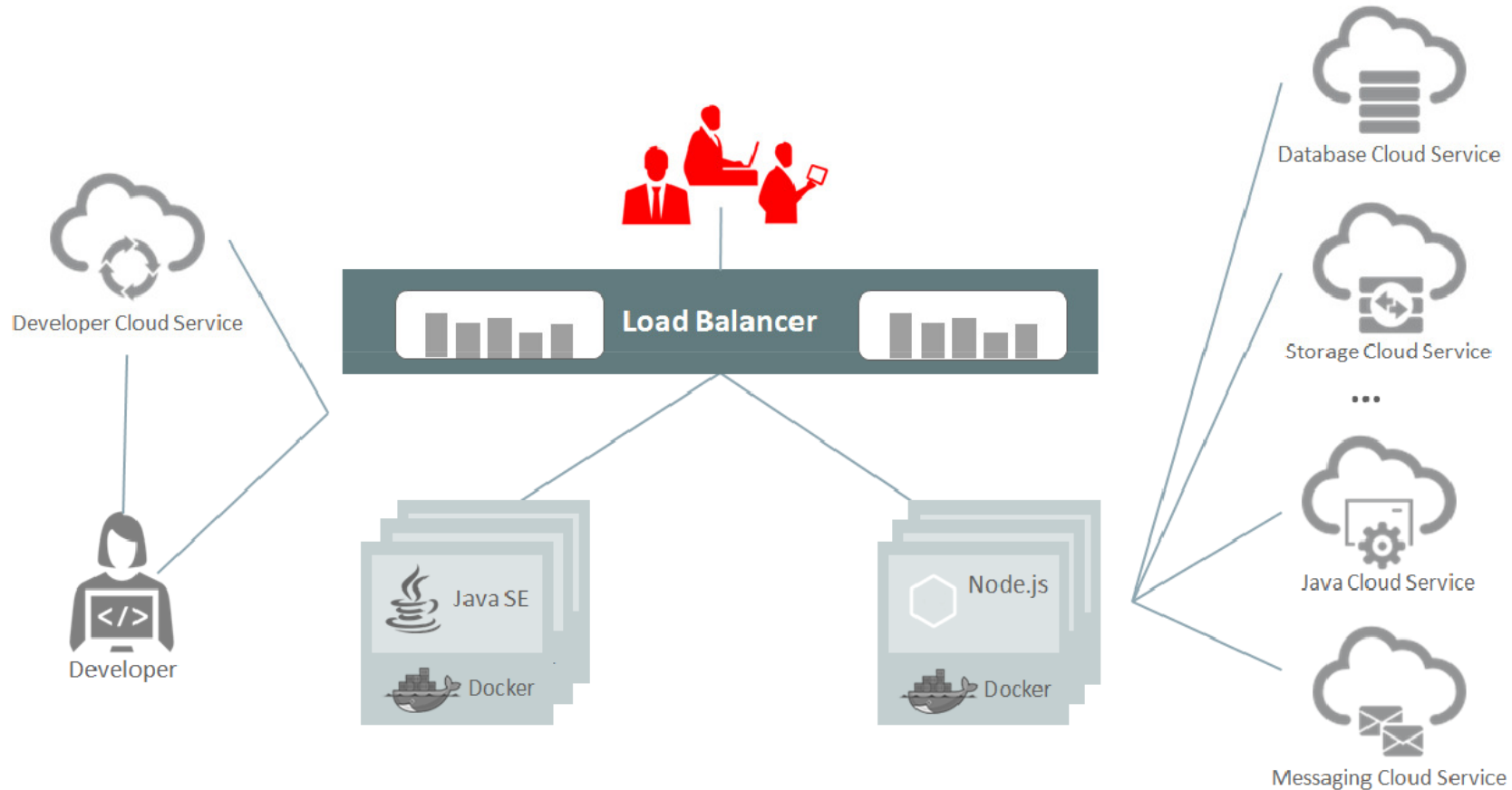
Continuous **Delivery**

Any workload **with IaaS**

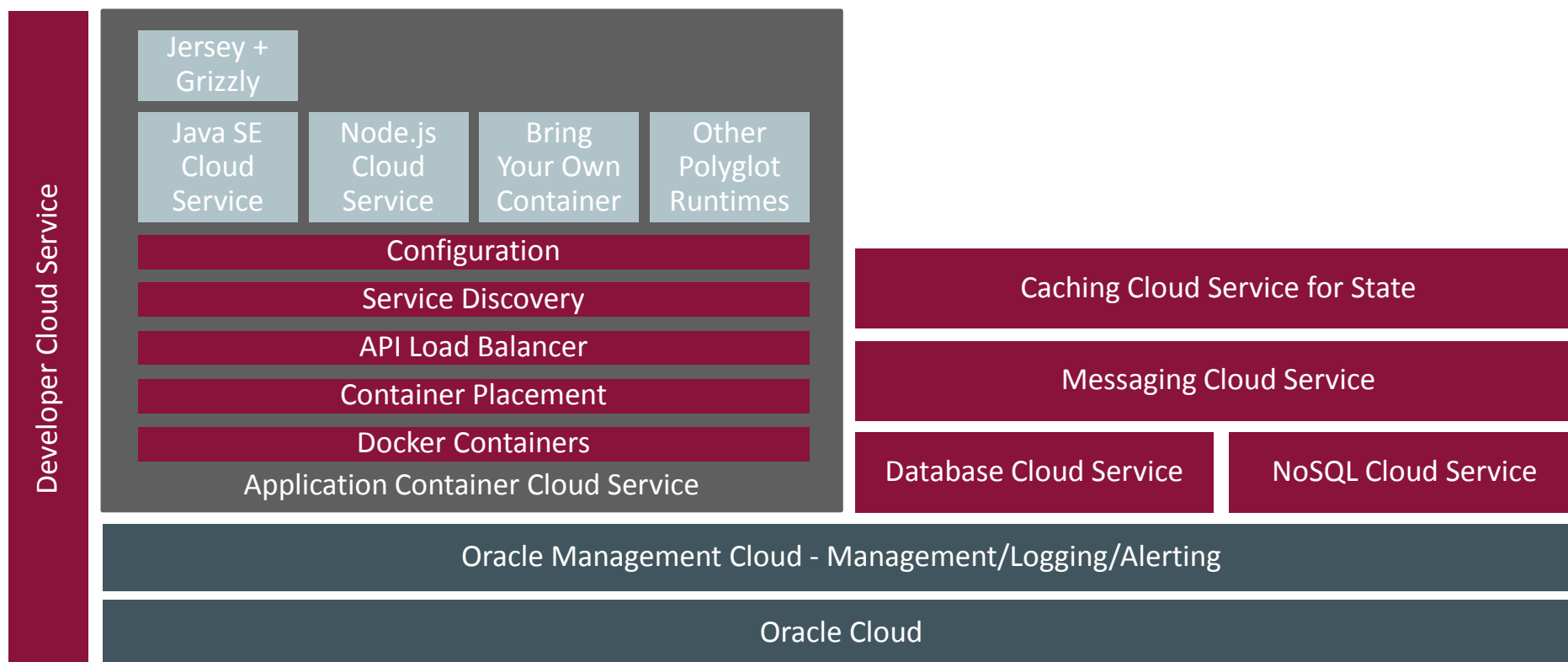


# Oracle Application Container Cloud Service

A modern platform for lightweight application development

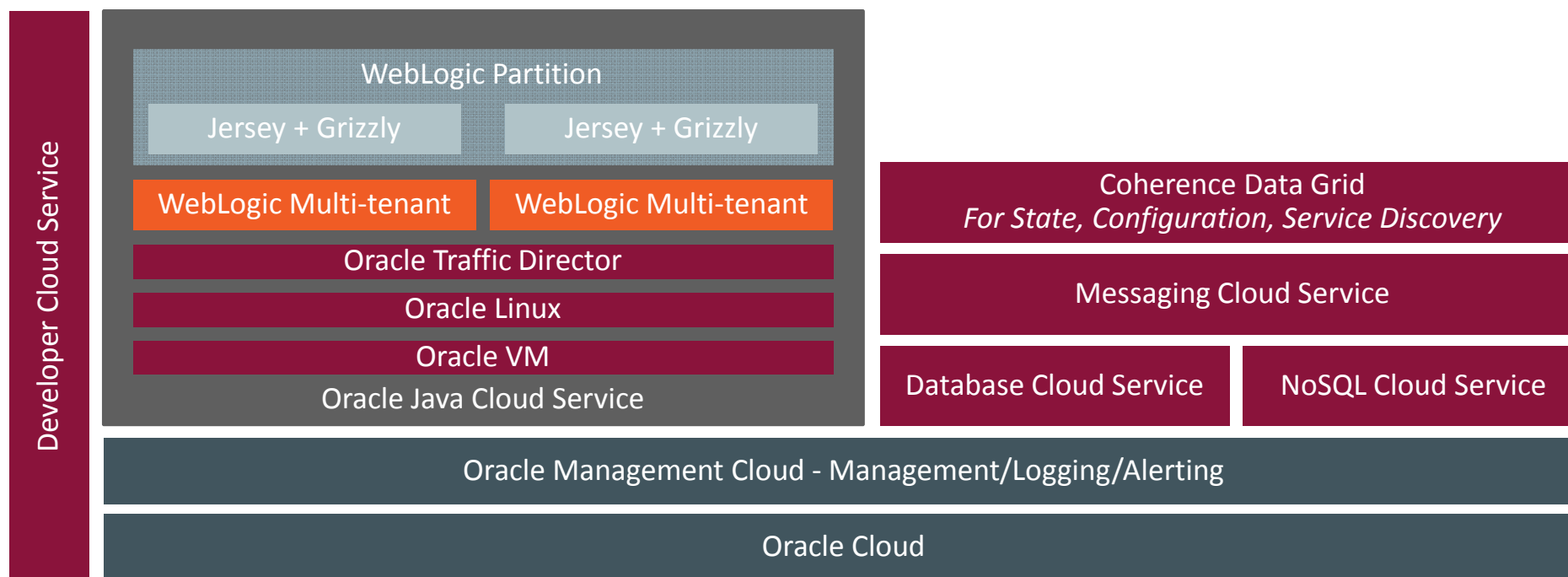


# Using Application Container Cloud Service For Microservices



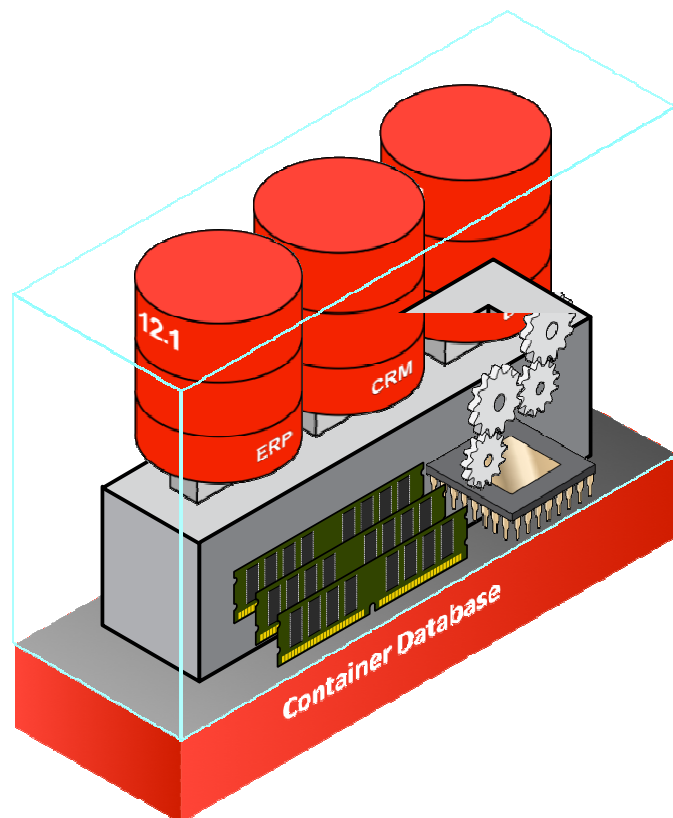
# Using WebLogic + Java EE For Microservices

## A proven, enterprise-grade platform for application development



# Pluggable Databases

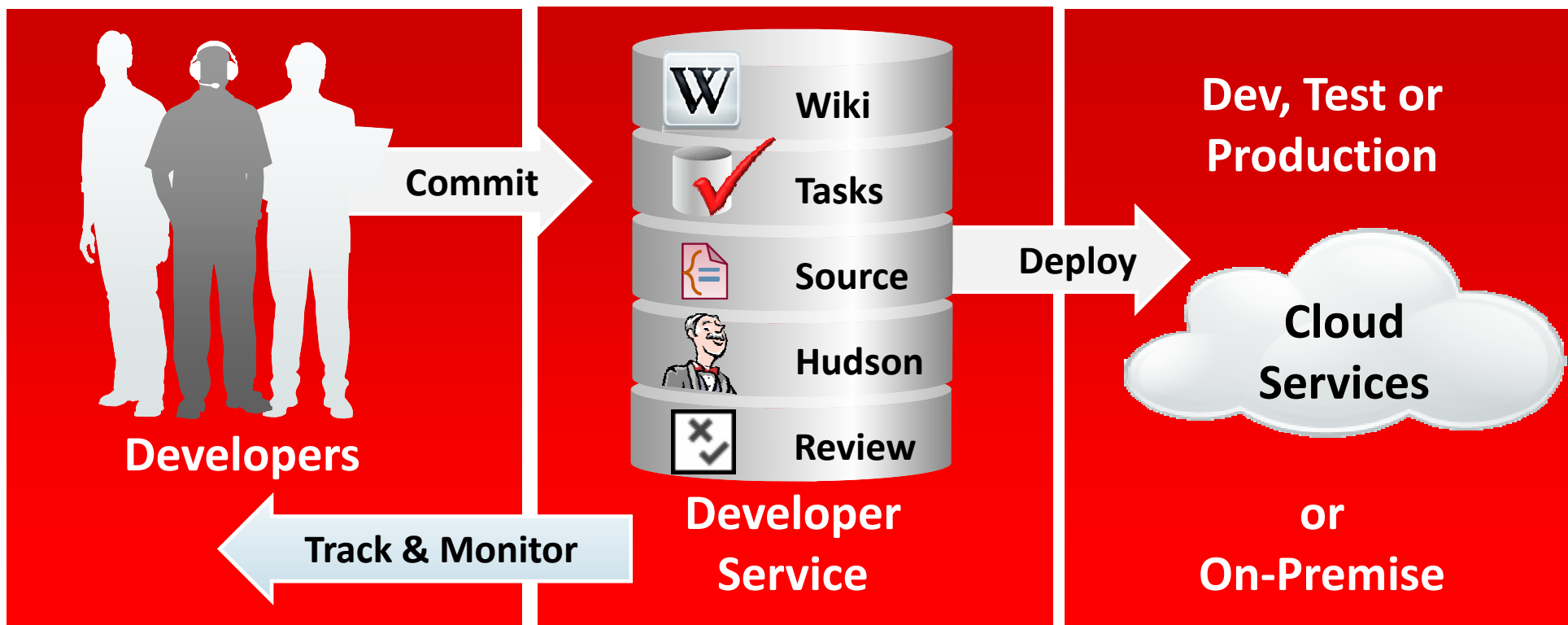
One Container Database per application, one Container Database per microservice



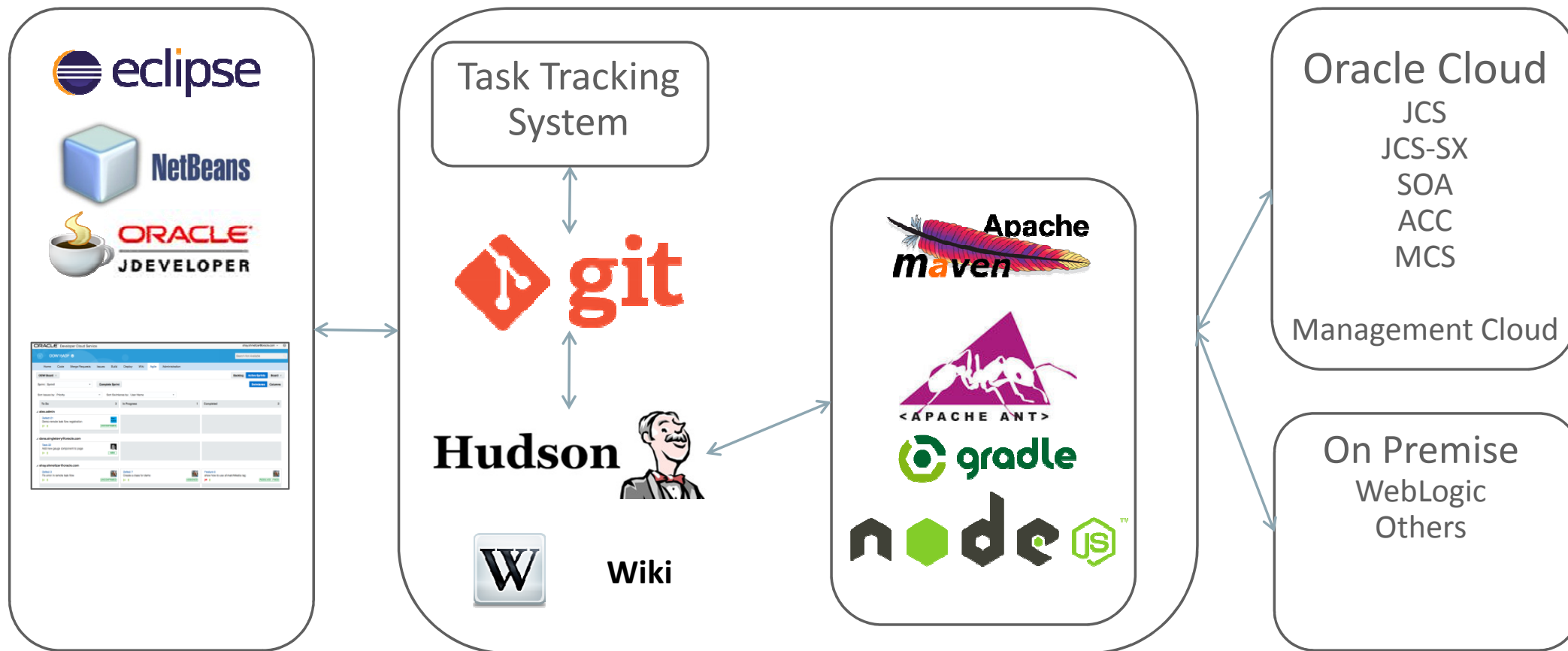
- Container Database
  - Multi-tenant database that includes zero, one or many pluggable databases
  - Upgrades, etc are performed against container
- Pluggable Database
  - A full database to the client except that behind the scenes it doesn't have its own controlfiles, redo logs, undo, etc
  - Just a collection of datafiles and tempfiles to handle its own objects, including its own data dictionary
  - Can easily move Pluggable Databases from one container to another

# Oracle Developer Cloud Service

Bringing It All Together



# Oracle Developer Cloud Service



# Demo

Java - employees-app/src/main/webapp/jsp/list-employees.jsp - Eclipse Platform

File Edit Source Refactor Navigate Search Project Text Run Window Help

Quick Access Resource Team Synchronizing Java

Package Explorer

- employees-app [corporatedirectory.git-8a74 master]
  - src/main/java
    - com.example.employees
      - Employee.java
      - EmployeeList.java
      - EmployeeService.java
      - EmployeeServlet.java
      - Main.java
  - src/main/webapp
    - css
    - fonts
    - js
    - jsp
      - list-employees.jsp
      - new-employee.jsp
    - META-INF
      - context.xml
    - WEB-INF
      - web.xml
    - index.jsp
  - Maven Dependencies
  - JRE System Library [JavaSE-1.8]
  - src
    - assembly
      - distribution.xml
    - main
    - target
    - tomcat.8080
    - make.sh
    - manifest.json
    - pom.xml

# Oracle Employee Directory



\$(message)

#	Name	Last name	Birth date	Role	Department	E-mail
\$(employee.id)	\$(employee.name)	\$(employee.lastName)	\$(employee.birthDate)	\$(employee.role)	\$(employee.department)	\$(emp

No people found matching your search criteria

Design Preview

Task List

Find

- Mine [gse0000636 [corporatedirectory]]
- Open [gse0000636 [corporatedirectory]]
  - 1: change title to Oracle

Connect Mylyn

Connect to your task and ALM tools or create a local task.

Outline

- jsp:directive.taglib prefix=c
- html
  - head
  - body
    - div class=container
      - h2
      - comment #comment form id=searchEmployeeForm
      - comment #comment
      - cif test=\${not empty message} form id=employeeForm
      - form action=jsp/new-employee.jsp

Oracle Cloud

- gse0000636
  - dbmb\_DBAAS
  - dbmb\_DBBCS
  - developer41604
    - AlphaProductCatalog
    - corporatedirectory
      - Code
      - Issues
      - Mine
      - Open
        - 1: change title to Oracle
      - Recent
      - Related

Problems Javadoc Declaration Console

```

<terminated> C:\Oracle\jdk8\bin\javaw.exe (19. 5. 2016 19:40:25)
[INFO] Installing D:\Work\Development\acc\eclipse\corporatedirectory.git-8a74\corporatedirectory\target\corporatedirectory.war to C:\Users\MKRATKY\.m2\repository\com\example\employees\corporatedirectory\1.0-SNAPSHOT\corporatedirectory.war
[INFO] Installing D:\Work\Development\acc\eclipse\corporatedirectory.git-8a74\corporatedirectory\pom.xml to C:\Users\MKRATKY\.m2\repository\com\example\employees\corporatedirectory\1.0-SNAPSHOT\corporatedirectory\pom.xml
[INFO] Installing D:\Work\Development\acc\eclipse\corporatedirectory.git-8a74\corporatedirectory\target\corporatedirectory-1.0-SNAPSHOT-jar-with-dependencies.jar to C:\Users\MKRATKY\.m2\repository\com\example\employees\corporatedirectory\1.0-SNAPSHOT\corporatedirectory-1.0-SNAPSHOT-jar-with-dependencies.jar
[INFO] Installing D:\Work\Development\acc\eclipse\corporatedirectory.git-8a74\corporatedirectory\target\corporatedirectory-dist.zip to C:\Users\MKRATKY\.m2\repository\com\example\employees\corporatedirectory\1.0-SNAPSHOT\corporatedirectory-dist.zip
[INFO] BUILD SUCCESS
[INFO] Total time: 14.692 s
[INFO] Finished at: 2016-05-19T19:40:42+02:00
[INFO] Final Memory: 18M/311M
  
```

list-employees.jsp - employees-app/src/main/webapp/jsp





Jobs Overview Sample\_Maven\_Build

Build Now Configure Disable Delete

Console Changes Git Logs Audit

Description

No description available

Permalinks

Last Successful Failed Completed Unsuccessful Stable

Notifications

On Off

CC Me

Build History

New Build 67%

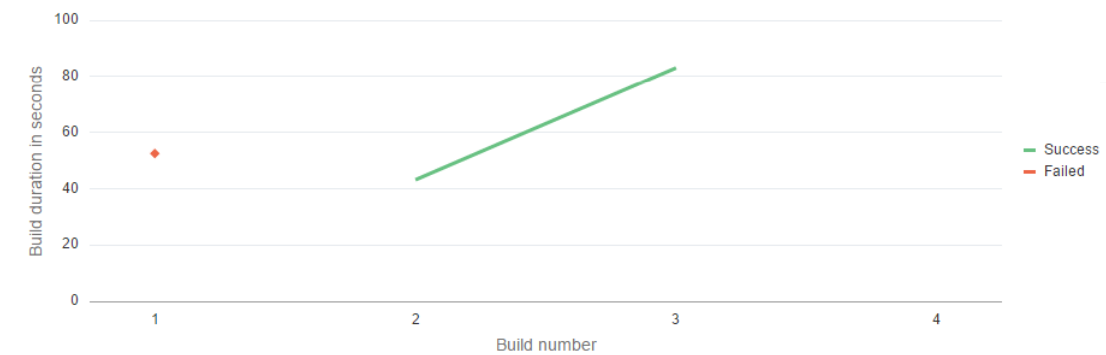
Status	Build	Time	Duration	Console
	#4	Just now	N/A	
	#3	Wednesday at 8:49 PM +0200	1 min 23 s	
	#2	Wednesday at 8:35 PM +0200	43 s 105 ms	
	#1	Wednesday at 8:33 PM +0200	52 s 438 ms	

Artifacts of Last Successful Build

corporatedirectory-dist.zip

(all files in zip)

Build Trend



Test Result Trend

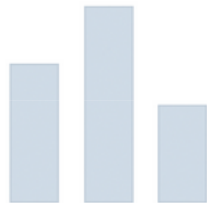




As of Apr 12, 2016 8:23:45 AM UTC

### Applications

Create Application



You currently don't have any application created.

Use Create Application button to create your first application. [Learn More...](#)

#### Need help creating an application?

- [Watch a video](#)
- [Step through a tutorial](#)

#### Application creation and deletion history

Range  Show only failed attempts

No attempts to create or delete application.

## Deployments

### corporatedirectory

Deploy to ACCS [gse00000636](#)

Configuration [corporatedirectory](#)

Job / Build [Sample\\_Maven\\_Build / Latest Successful Build](#)

Artifact [corporatedirectory/target/corporatedirectory-dist.zip](#)

✓ Last deployment succeeded -- Just now.



### corporatedirectory: History

- ✓ **Deployment Succeeded**  
[Sample\\_Maven\\_Build / 4 / corporatedirectory/target/corporatedirectory-dist.zip](#)  
Logs [dcs\\_undeploy](#), [dcs\\_deploy](#)  
Just now
- ✓ **Deployment Succeeded**  
[Sample\\_Maven\\_Build / 3 / corporatedirectory/target/corporatedirectory-dist.zip](#)  
Logs [dcs\\_undeploy](#), [dcs\\_deploy](#)  
Wednesday at 8:50 PM +0200
- ✓ **Update Succeeded**  
[Sample\\_Maven\\_Build / 2 / corporatedirectory/target/corporatedirectory-dist.zip](#)  
Wednesday at 8:49 PM +0200 by Cloud Admin User
- ✓ **Deployment Succeeded**  
[Sample\\_Maven\\_Build / 2 / corporatedirectory/target/corporatedirectory-dist.zip](#)  
Logs [dcs\\_deploy](#)  
Wednesday at 8:40 PM +0200 by Cloud Admin User
- ✓ **Create Succeeded**  
[Sample\\_Maven\\_Build / 2 / corporatedirectory/target/corporatedirectory-dist.zip](#)  
Wednesday at 8:39 PM +0200 by Cloud Admin User



Application Container Cloud



Applications

As of Apr 12, 2016 8:25:03 AM UTC 

### Applications

Search by application name

[Create Application](#)

	<b>corporatedirectory</b> Creating Application... Version: 1.2.3 Java SE: 1.8.0_71-b15 URL: <a href="https://corporatedirectory-gse00000636.apaas.em2.oraclecloud.com">https://corporatedirectory-gse00000636.apaas.em2.oraclecloud.com</a>	Submitted On: Apr 12, 2016 8:24:17 AM UTC	Memory: 1GB Instances: 1	
---	---	---	-----------------------------	---

▶ Application creation and deletion history



As of May 19, 2016 5:32:11 PM UTC

### Applications

Search by application name



Create Application



#### corporatedirectory

Deploying Release...

Version: 1.2.3

Java SE: 1.8.0\_71-b15

URL: <https://corporatedirectory-gse00000636.apaas.em2.oraclecloud.com>

Last Deployed On: May 19, 2016 5:31:23 PM UTC

Created On: Apr 12, 2016 9:33:34 AM UTC

Memory: 1GB

Instances: 1




▶ Application creation and deletion history



Application Container Cloud



Applications

As of Apr 12, 2016 8:26:00 AM UTC 

### Applications

Search by application name

[Create Application](#)

	<p><b>corporatedirectory</b> Version: 1.2.3 Java SE: 1.8.0_71-b15 URL: <a href="https://corporatedirectory-gse00000636.apaas.em2.oraclecloud.com">https://corporatedirectory-gse00000636.apaas.em2.oraclecloud.com</a></p>	<p>Created On: Apr 12, 2016 8:24:17 AM UTC</p>	<p>Memory: 1GB Instances: 1</p>	
---	--	--	-------------------------------------	---

▶ Application creation and deletion history

## JavaCro16 Employee Directory

 Search

#	Name	Last name	Birth date	Role	Department	E-mail	
101	John	Smith	12-12-1980	Manager	Sales	john.smith@abc.com	
102	Laura	Adams	02-11-1979	Manager	IT	laura.adams@abc.com	
103	Peter	Williams	22-10-1966	Coordinator	HR	peter.williams@abc.com	
104	Joana	Sanders	11-11-1976	Manager	Marketing	joana.sanders@abc.com	
105	John	Drake	18-08-1988	Coordinator	Finance	john.drake@abc.com	
106	Samuel	Williams	22-03-1985	Coordinator	Finance	samuel.williams@abc.com	

New employee



As of Apr 7, 2016 9:14:05 AM UTC

- Overview**  
2 Instances
- Deployments**  
0 Service Bindings  
0 User-defined Variables
- Administration**  
0 Updates Available
- Logs & Recordings**  
0 Logs  
0 Recordings

### Resources

Instances <sup>?</sup> Memory (GB) <sup>?</sup>  
2 1

- ▶ Instances
- ▶ Activity

### Additional Information

Last Deployed On: Apr 6, 2016 6:54:54 PM UTC  
Current Version: 1.2.3  
Runtime: Java SE 8u71  
Runtime Version: 1.8.0\_71-b15  
Created On: Apr 6, 2016 6:54:54 PM UTC  
Subscription Type: MONTHLY  
Identity Domain: gse00000636





As of Apr 7, 2016 9:20:44 AM UTC

- Overview**  
2 Instances
- Deployments**  
1 Service Bindings  
0 User-defined Variables
- Administration**  
0 Updates Available
- Logs & Recordings**  
2 Logs  
0 Recordings

**Deployments**

[Upload New](#)

Current Version: 2.0      Source: USER  
 Last Deployed On: Apr 7, 2016 9:16:19 AM UTC      Archive Size: 5.71 MB  
 Archive Name: deploy4695900902125332731.zip

**Launch Command**

java -jar corporatedirectory-1.0-SNAPSHOT-jar-with-dependencies.jar

**Service Bindings**

Type	Name	Username	Actions
Database Cloud Service	DEMODB	alphaoffice	

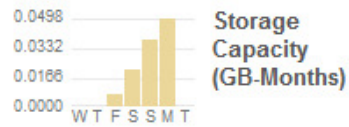
[Add Service Binding](#)

**Environment Variables**      Show All Variables

Name	Value	Actions
No User-defined variables available.		

[Add Environment Variable](#)

▶ **Deployment History**



### Oracle Storage Cloud Service

Category: Oracle IaaS Public Cloud Services

Subscription: Trial

Expires 7-Nov-2014 4:18 PM PST



[Open Service Console](#) | |

No data  
OCPU Hours  
(General Purpose)

No data  
OCPU Hours  
(High-Mem)

### Oracle Compute Cloud Service

Category: Oracle IaaS Public Cloud Services

Subscription: Trial

Expires 7-Nov-2014 4:18 PM PST

No data  
Block Storage Capacity  
(GB-Months)

No data  
Static IP Hours



[Open Service Console](#) | |

No data  
SE VI OCPU Months  
(General Purpose)

No data  
SE VI OCPU Hours  
(General Purpose)

### Oracle Java Cloud Service

Category: Oracle Java Public Cloud Services

Subscription: Trial

Expires 7-Nov-2014 4:18 PM PST

No data  
EE VI OCPU Months  
(General Purpose)

No data  
EE VI OCPU Hours  
(General Purpose)

Live Chat | Contact Us





## Oracle Java Cloud Service

Identity Domain: Z16JCS7112619924

As of 21-Oct-2014 12:54:21 AM UTC [Refresh](#)

### INSTANCES

[Create Instance](#)

No service instances found.

▶ **Failed attempts to create or delete an instance in the last 7 days**

Live Chat | Contact Us

Cancel



Next >

**Subscription Type**

Select the service level and billing frequency for your Oracle Java Cloud Service instance.

**Service Level**

**Oracle Java Cloud Service - Virtual Image**  
Oracle WebLogic Server installed on an Oracle Cloud virtual machine.  
No additional cloud tooling available.

**Oracle Java Cloud Service**  
Oracle WebLogic Server installed on an Oracle Cloud virtual machine.  
All additional cloud tooling available.

**Billing Frequency**

**Hourly**  
Pay for the number of hours used.

**Monthly**  
Pay one price for the entire month irrespective of the number of hours used.

Live Chat | Contact Us



### Provision New Oracle Java Cloud Service

[← Previous](#) [Cancel](#)



[Next →](#)

#### Software Release

Select the software release to be installed on your service.

- Oracle WebLogic Server 11g (11.1.1.7)**  
WebLogic Server 10.3.6.0, Fusion Middleware 11.1.1.7  
Installed on Oracle Linux 6.6
  
- Oracle WebLogic Server 12c (12.1.3.0)**  
WebLogic Server and Fusion Middleware 12.1.3.0  
Installed on Oracle Linux 6.6
  
- Oracle WebLogic Server 12c (12.2.1.0)**  
WebLogic Server and Fusion Middleware 12.2.1.0  
Installed on Oracle Linux 6.6



### Provision New Oracle Java Cloud Service

[← Previous](#) [Cancel](#)



[Next →](#)

#### Software Edition

Select the edition of your selected software release to be installed on your service.

##### Standard Edition [\(Details\)](#)

- Oracle WebLogic Server 12c (12.2.1.0)  
Installed on Oracle Linux 6.6

##### Enterprise Edition [\(Details\)](#)

- Oracle WebLogic Server 12c (12.2.1.0)  
Installed on Oracle Linux 6.6

##### Enterprise Edition with Coherence [\(Details\)](#)

- Oracle WebLogic Server 12c (12.2.1.0)  
Installed on Oracle Linux 6.6



Provision New Oracle Java Cloud Service



**Service Details**

Provide details for your service.

**Service Configuration**

\* Service Name  ?  
 Description   
 \* Domain Partitions  ?  
 \* Shape  ▾  
 \* SSH Public Key   ?

**WebLogic**

\* Username  ?  
 \* Password  ?  
 \* Confirm Password  ?

Deploy Sample Application  ?

**Coherence Data Tier**

\* Capacity Unit  ?  
 Cache Size  ?

**Database Configuration**

\* Name  ▾  
 PDB Name  ?  
 \* Administrator User Name   
 \* Password

**Backup and Recovery Configuration**

\* Cloud Storage Container  ?  
 \* Cloud Storage User Name   
 \* Password





Provision New Oracle Java Cloud Service

◀ Previous
Cancel



Create ▶

**Confirmation**

Confirm your selections and create your service.



**Subscription Details**

**Service Level:** Oracle Java Cloud Service  
**Billing Frequency:** Monthly  
**Release:** Oracle WebLogic Server 12c (12.2.1.0)  
**Edition:** Enterprise Edition with Coherence



**Database Details**

**Database:** DEMODB  
**PDB Name:** PDB1  
**Administrator User Name:** sys



**Service Details**

**Service Name:** DEMOWL  
**Description:** Demo Weblogic  
**Cluster Size:** 1  
**Domain Partitions:** 1  
**Shape:** OC3 - 1 OCPU, 7.5 GB RAM  
**Key:** gsepublic.txt  
**WebLogic Administrator:** weblogic  
**Deploy Sample Application:** Yes



**Backup and Recovery Details**

**Cloud Storage Container:** Storage-gse00000636/DEMOWL  
**Cloud Storage User Name:** cloud.admin



**Coherence Details**

**Capacity Unit:** Basic  
**Shape:** OC3 - 1 OCPU, 7.5 GB RAM  
**Virtual Machine Count:** 1  
**Managed Servers per VM:** 1  
**Cache Size:** 1.5 GB  
**JVM Heap Size:** 4.5 GB









As of Apr 7, 2016 7:31:20 AM UTC

Services	OCPUs	Memory	Storage	Public IPs
2	1	7.5 GB	73 GB	1

Services

Create Service

 <p><b>DEMOWL</b>                  Status: In Progress                  Version:                   Edition: 0% <span style="display: inline-block; width: 100px; height: 5px; background: linear-gradient(to right, blue 0%, black 0%, black 100%);"></span> 100%                  JDK: 1.8</p>	<p>Nodes: 0                  Submitted On: Apr 7, 2016 7:31:14 AM UTC</p>	<p>OCPUs: 0                  Memory: 0 GB                  Storage: 0 GB</p>	
 <p><b>jcs</b>                  Version: 12.1.3.0                  Edition: Enterprise Edition                  JDK: 1.7.0_91</p>	<p>Nodes: 1                  Created On: Mar 30, 2016 3:14:20 PM UTC</p>	<p>OCPUs: 1                  Memory: 7.5 GB                  Storage: 73 GB</p>	

Created Compute resources for WebLogic Server...  
 Created security resources for the service...  
 Starting Compute resources...

▶ Service create and delete history





As of Apr 7, 2016 9:22:29 AM UTC

Overview

N/A

Average response time

2

Nodes

Administration

0

Patches available

N/A

Last successful backup

Topology

2

Nodes

not configured

Load balancer status

OCPUs

2

Memory

15 GB

Storage

116.58 GB

Public IPs

2

Virtual Machines

Click the icon to retrieve monitoring information.



Administration Server Domain: DEMOWL\_domain  
Managed Server: DEMOWL\_d\_server\_1  
Public IP: 140.86.1.115

OCPUs: 1  
Memory: 7.5 GB  
Storage: 73 GB



Coherence Data Tier: Cache Capacity: 1.5 GB  
Capacity Unit: Basic (1.5 GB)  
Nodes: 1

OCPUs: 1  
Memory: 7.5 GB  
Storage: 43.58 GB

Associated Services



Database Service Name: DEMODB  
Connect Descriptor: DEMODB:1521/PDB1.gse00000636.oraclecloud.internal  
Version: 12.1.0.2  
PDB Name: PDB1

Activity

Additional Information (show more)

Identity Domain: gse00000636  
WebLogic Server Version: 12.2.1.0.160119 - Domain Partition Enabled  
Edition: Suite  
Description: Demo Weblogic

Instances > MyJCS1



### MyJCS1 (Oracle Java Cloud Service)

WebLogic Server Version: 12.1.2.0

Description: Auto Generated Service, Session Name: Bulk Request JCS U1-5

#### OVERVIEW

average response time: n/a

3 nodes

#### ADMINISTRATION

0 patches available

20-Oct-2014 3:10 PM UTC last backup

#### TOPOLOGY

3 nodes

load balancer enabled

#### BACKUP

PATCHING

LOAD BALANCER

Incremental backup daily at 3:10 PM UTC (Full backup every Thu at 3:10 PM UTC)

As of 21-Oct-2014 1:03:17 AM UTC [Refresh](#)

Last Successful Backup 20-Oct-2014 3:10 PM UTC

[Configure Backups](#)

[Back Up Now](#)

#### Available Backups

	<b>20-Oct-2014 3:10 PM UTC</b> Type: Incremental, scheduled Available Until: 19-Nov-2014 3:10 PM UTC Location: Disk	Contains:	
	<b>19-Oct-2014 3:10 PM UTC</b> Type: Incremental, scheduled Available Until: 18-Nov-2014 3:10 PM UTC Location: Disk	Contains:	
	<b>18-Oct-2014 3:10 PM UTC</b> Type: Incremental, scheduled Available Until: 17-Nov-2014 3:10 PM UTC Location: Disk	Contains:	

Instances > MyJCS1



### MyJCS1 (Oracle Java Cloud Service)

WebLogic Server Version: 12.1.2.0

Description: Auto Generated Service, Session Name: Bulk Request JCS U1-5



#### OVERVIEW

average response time: n/a

3 nodes

#### ADMINISTRATION

0 patches available

21-Oct-2014 1:07 AM UTC  
last backup

#### TOPOLOGY

3 nodes

load balancer enabled

As of 21-Oct-2014 1:42:59 AM UTC [Refresh](#)

Click the icon to retrieve monitoring information.

#### CLUSTER: MyJCS1\_d\_cluster

[Add Node](#)



Administration Server Domain: MyJCS1\_domain  
Managed Server: MyJCS1\_server\_1  
Public IP: 129.152.149.73

OCPUs: 1  
Memory: 7.5 GB  
Storage: 47 GB

#### CLUSTER: Newcluster1

[Add Node](#)



Managed Server: MyJCS1\_server\_2  
Host: myjcs1-wls-2

OCPUs: 1  
Memory: 7.5 GB  
Storage: 27 GB



[Remove Node](#)


















Load Balancer  
Public IP: 129.152.147.65  
Host: myjcs1-lb-1  
Content endpoint: http://129.152.147.65:8080

OCPUs: 1  
Memory: 7.5 GB  
Storage: 27 GB

... and Beyond

# Cloud Marketplace and Compute Cloud (IaaS)

← → ↻ [https://cloud.oracle.com/marketplace/faces/productHomePage?\\_adf.ctrl-state=1bpejgp81i\\_4](https://cloud.oracle.com/marketplace/faces/productHomePage?_adf.ctrl-state=1bpejgp81i_4) ☆

 <p><b>Node.js on OL 6.7</b> 5.8.0-0 on OL 6.7 ★★★★★(0) Free</p>	 <p><b>GitLab on OL 6.7</b> 8.5.7-0 on OL 6.7 ★★★★★(0) Free</p>	 <p><b>Codiad on OL 6.7</b> 2.7.2-0 on OL 6.7 ★★★★★(0) Free</p>
 <p><b>Mautic on OL 6.7</b> 1.3.1-0 on OL 6.7 ★★★★★(0) Free</p>	 <p><b>Artifactory on Ubuntu 14.04</b> 4.7.1-0 on Ubuntu 14.04 ★★★★★(0) Free</p>	 <p><b>Fat Free CRM on Ubuntu 14.04</b> 0.13.6-7 on Ubuntu 14.04 ★★★★★(0) Free</p>
 <p><b>RabbitMQ on Ubuntu 14.04</b> 3.6.1-0 on Ubuntu 14.04 ★★★★★(0) Free</p>	 <p><b>Mahara on OL 6.7</b> 15.10.2-0 on OL 6.7 ★★★★★(0) Free</p>	 <p><b>MEAN on Ubuntu 14.04</b> 3.2.4-1 on Ubuntu 14.04 ★★★★★(0) Free</p>
 <p><b>OroCRM on Ubuntu 14.04</b> 1.9.1-0 on Ubuntu 14.04 ★★★★★(0) Free</p>	 <p><b>ownCloud on Ubuntu 14.04</b> 9.0.0-0 on Ubuntu 14.04 ★★★★★(0) Free</p>	 <p><b>MyBB on OL 6.7</b> 1.8.7-0 on OL 6.7 ★★★★★(0) Free</p>
 <p><b>MEAN on OL 6.7</b> 3.2.4-0 on OL 6.7 ★★★★★(0) Free</p>	 <p><b>Mahara on Ubuntu 14.04</b> 15.10.2-0 on Ubuntu 14.04 ★★★★★(0) Free</p>	 <p><b>Weblate on OL 6.7</b> 2.5-0 on OL 6.7 ★★★★★(0) Free</p>



### MongoDB on OL 6.7

★★★★★ (0)

Compute Cloud | Virtual Machines

High-performance open source NoSQL database written in C++

Pricing

Device Type

Demo

Free

Browser

Get App

For questions or more information, contact the provider.



OVERVIEW



RATINGS  
(0)



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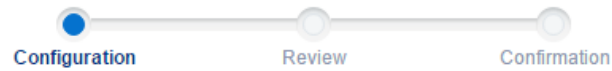




### MongoDB on OL 6.7 (Version: 3.2.4-0 on OL 6.7)

Compute Cloud

Cancel



Next

#### Configuration



\* Compute Account

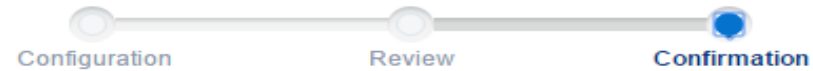
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- gse00000138
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- gse00000140
- gse00000166
- gse00000167
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- gse00000728
- gse00000729** ▾





## Tomcat on OEL 6.7 (Version: Version 7.0.65-0 on OEL 6.7)

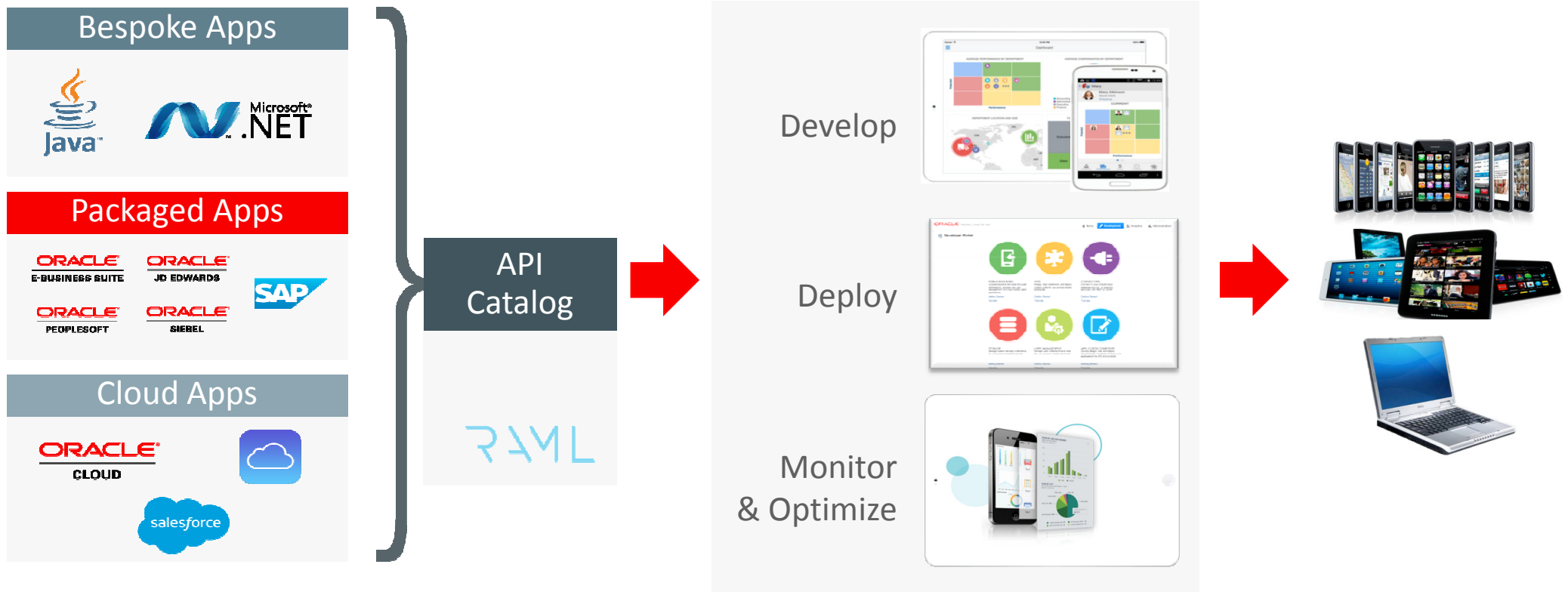
Compute Cloud



The Tomcat on OEL 6.7 app for creating virtual machine (VM) instances is now available in your Compute account.  
To create a VM instance, start the Compute Console.

[Start Compute Console](#)

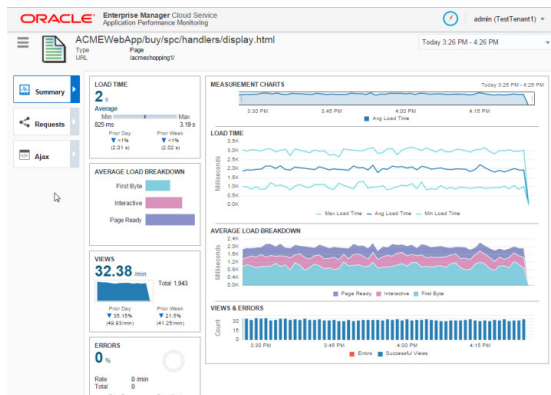
# Mobile Cloud Service



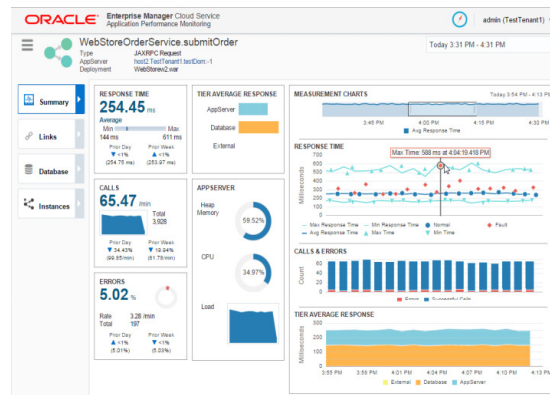
# Management Cloud Services



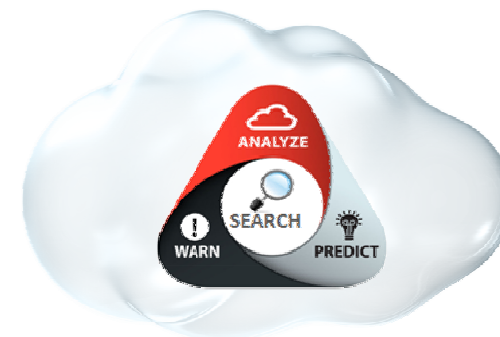
On-Premise



Performance Monitoring



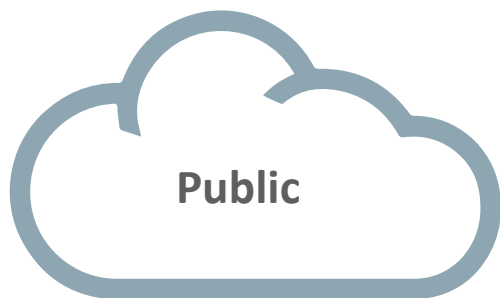
I/T Analytics



Log Analytics

Common Management Platform

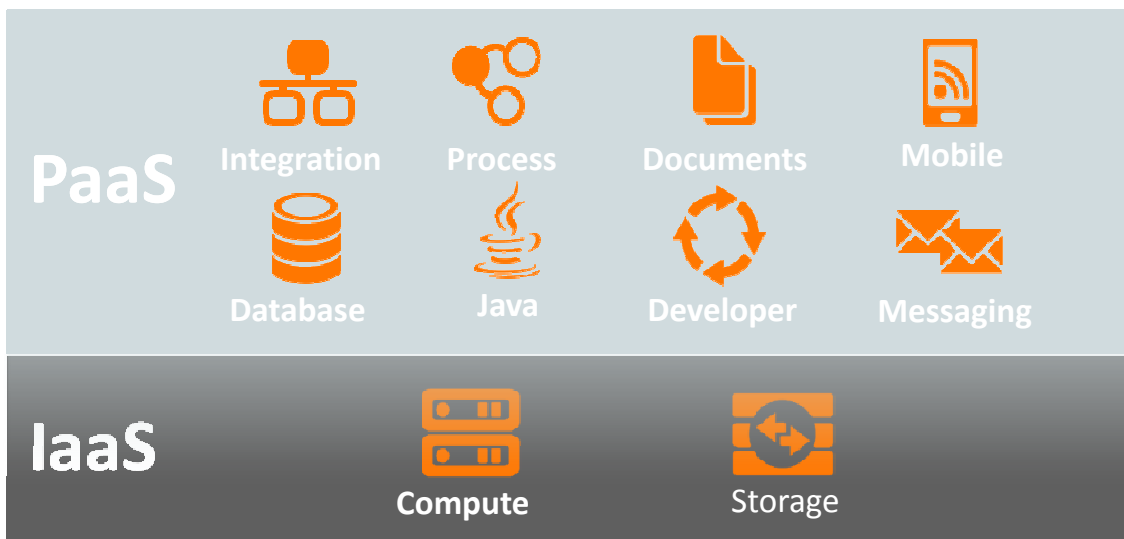
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- Same Experience
- Same Pricing Options



- 2-10x greater scalability, performance
- Full vertical integration from one vendor
- Lowest business risk



For More Information



[cloud.oracle.com/java](http://cloud.oracle.com/java)

# Integrated Cloud

## Applications & Platform Services