

Oracle Cloud Platform Partner Webcast

Java Cloud Service and OpenWorld Highlights



Mike Lehmann - Vice President, Product Management

Moazzam Chaudry - Director, Product Management

Christine Kungl - Senior Manager, Global Partner Enablement

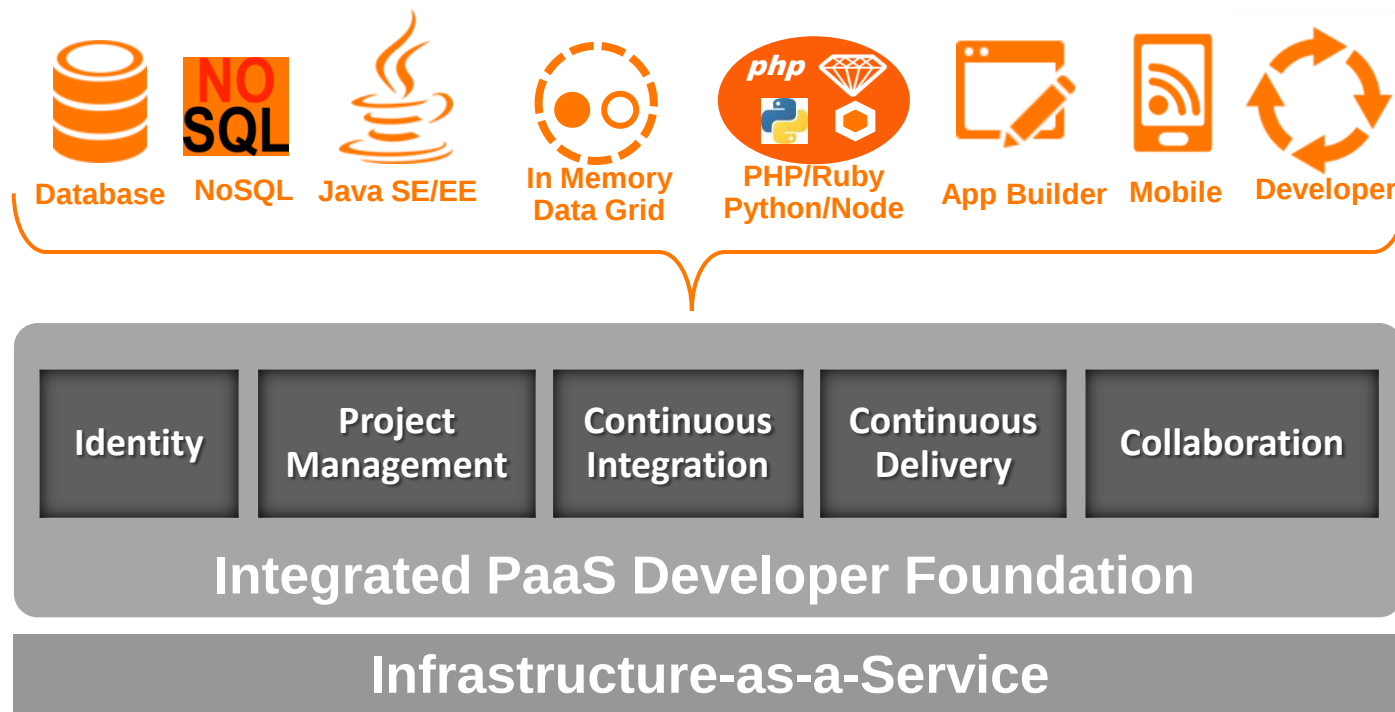
Java Cloud Services

Product and Roadmap Update

Mike Lehmann
VP Product Management
WebLogic Server, Coherence and Java Cloud Services



Oracle Cloud Platform: For Application Development *and* Deployment



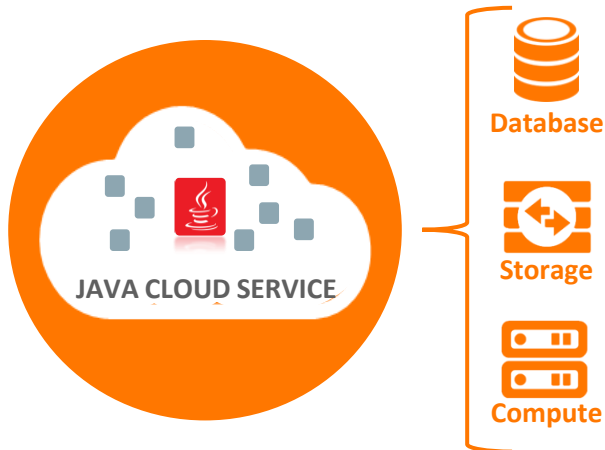
- Choice of Database and Programming languages – RDMS, NoSQL, Java EE, Java SE, Node.JS, PHP, Ruby
- Continuous integration and delivery with source control management, issue tracking, build & test & deployment
- Built in end to end lifecycle support – provision, backup/restore, scale, patch and disaster recovery
- Elastic infrastructure with multi data center high availability

Oracle Java Cloud Service

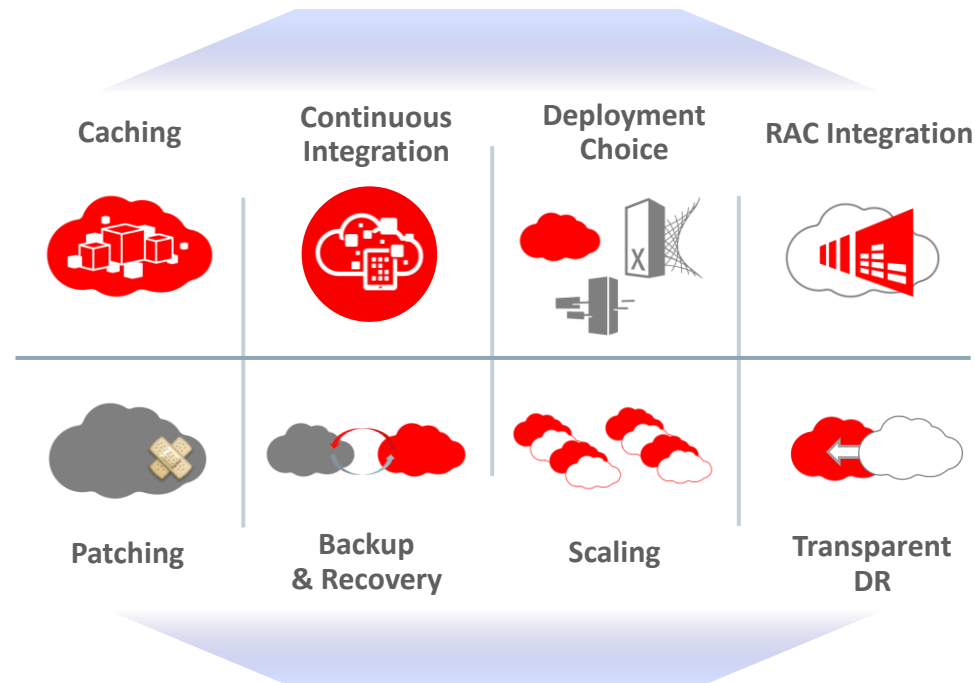
Run Enterprise Class Java EE Workloads in the Cloud

What is Java Cloud Service?

- Robust PaaS for Java, built on Oracle's IaaS solution
- Includes advanced cloud tooling that covers the complete lifecycle of your application



Product Features



Operational Advantages

Benefits



Recently Added: Java Cloud Service: Scale UP / DOWN

- Always supported Scale OUT / IN – adding / removing more managed servers
- NOW – add more compute and storage to current managed server nodes
- ONLY available to new service instances created after August 16th 2015
- Available for Cloud Tooling variant of JCS
 - Scale option available per node
 - Scale at service level in roadmap

Cluster: ArunServ_cluster

[Add Load Balancer](#) [Add Node](#)

	Administration Server Domain: ArunServ_domain Managed Server: ArunServ_server_1 Public IP: 10.241.225.135	OCPUs: 1 Memory Storage	Restart Scale Up/Down
	Managed Server: ArunServ_server_2 Host: arunservice2-12c-wls-2	OCPUs: 1 Memory: 7.5 GB Storage: 48 GB	

Recently Added: Compute capacity Scale UP & DOWN

Scale Up/Down Server

Aruserv_server_1 is currently using compute shape oc3. Specify new shape and/or additional storage for the server.
Service backup is recommended before extending domain or middleware storage volumes.

New Compute Shape

Additional Storage (GB)

Add Storage to

OC3 - 1 OCPUs, 7.5 GB RAM

OC1M - 1 OCPUs, 15 GB RAM

OC4 - 2 OCPUs, 15 GB RAM

OC2M - 2 OCPUs, 30 GB RAM

OC5 - 4 OCPUs, 30 GB RAM

OC3M - 4 OCPUs, 60 GB RAM

OC6 - 8 OCPUs, 60 GB RAM

OC4M - 8 OCPUs, 120 GB RAM

OC1M - 1 OCPUs, 15 GB RAM

Yes, Scale Up/Down Server

Cancel

Adding / Changing compute and memory capacity as simple as picking a new compute shape from a dropdown list

Recently Added: Storage capacity Scale UP

Scale Up/Down Server [X]

ArunServ_server_1 is currently using compute shape oc3. Specify new shape and/or additional storage for the server. Service backup is recommended before extending domain or middleware storage volumes.

New Compute Shape: OC3 - 1 OCPUs, 7.5 GB RAM

Additional Storage (GB): 10

Add Storage to []

- ✓ Create New Storage Volume
- Extend Backup Storage Volume
- Extend Domain Home Storage Volume
- Extend Middleware Home Storage Volume

[Create New Storage Volume]

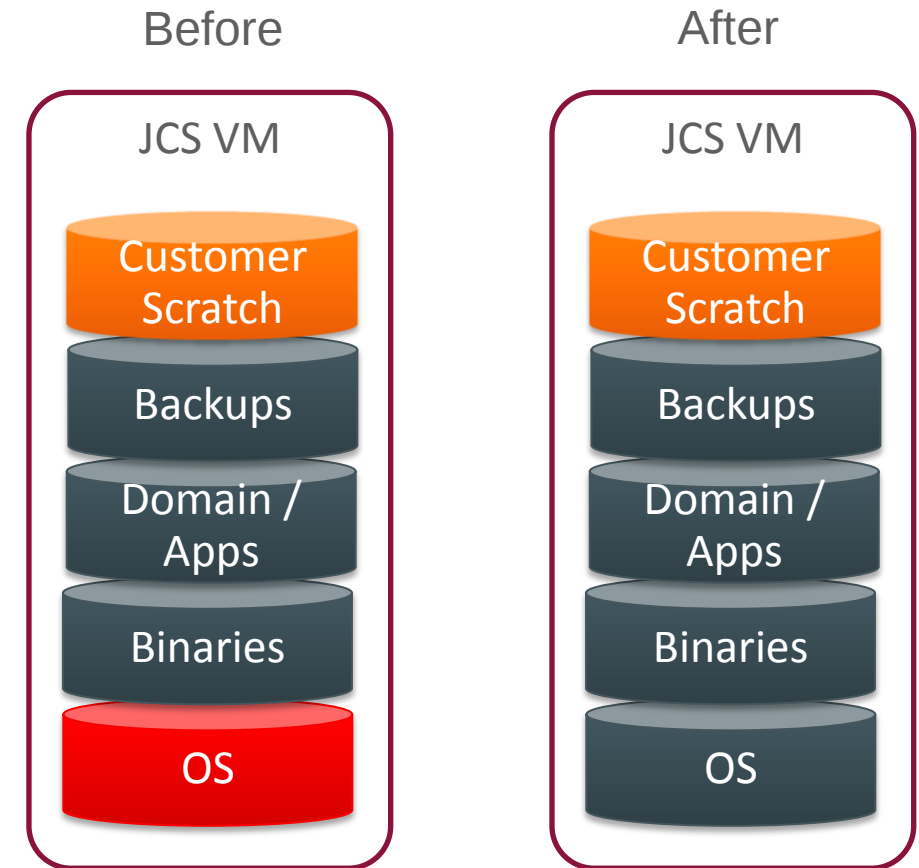
[Scale Up/Down Server] [Cancel]

Storage scaling available for the following:

- New storage volume of desired size
- Adding storage space to existing volume
 - New storage volume mounted as /ud/d01, /ud/d02, etc.

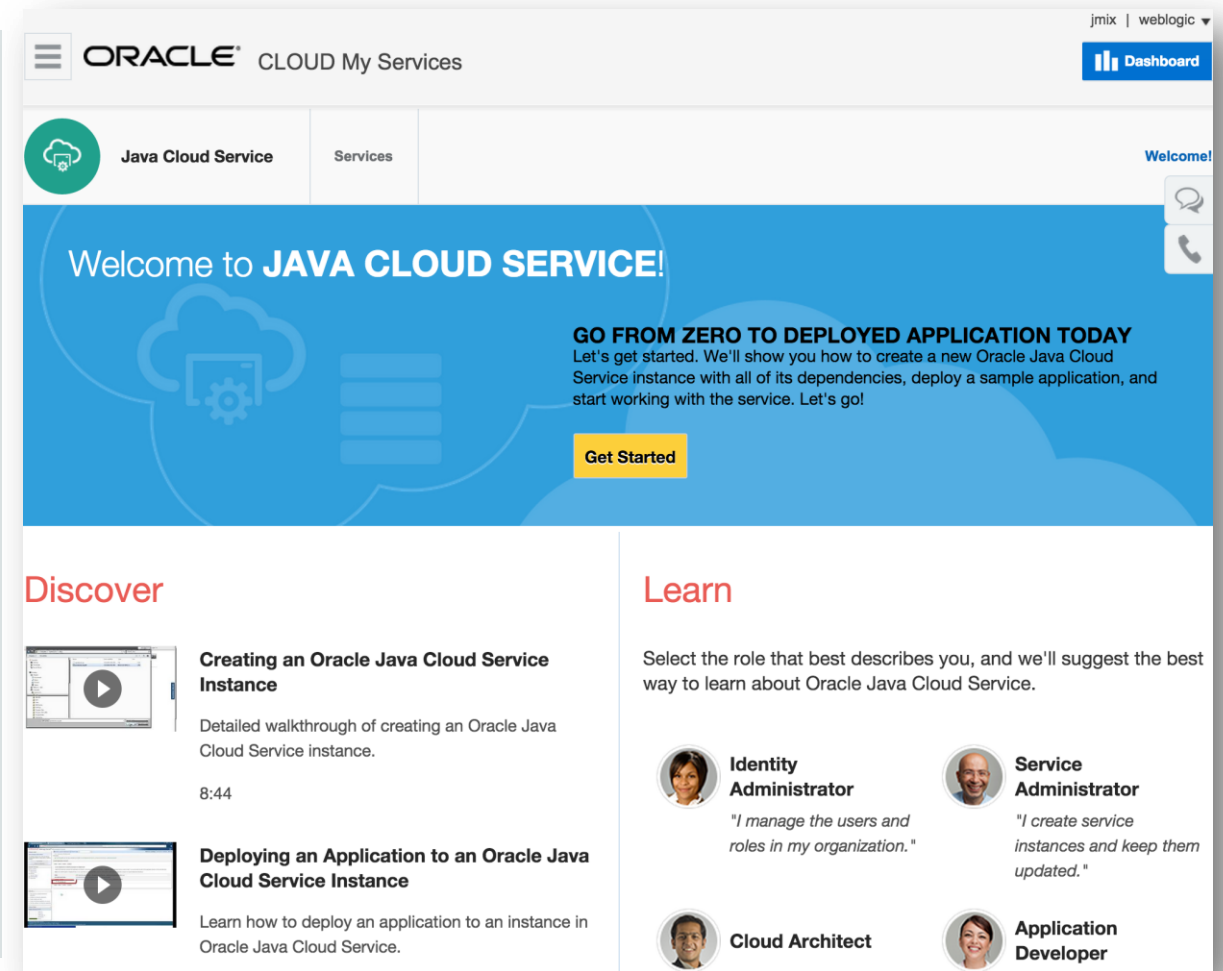
Recently Added Java Cloud Service NDS Boot

- Past:
 - OS on Ephemeral
 - Any changes made to OS lost at restarts
- Now:
 - OS is on permanent disk
 - All changes are permanent
 - All changes retained across restarts, stop/start



Recently Added: Java Cloud Service First Use Experience (Sept)

- New Welcome Page as landing page for JCS Console
- New “Services” tab to create and manage JCS instances
- Welcome page and application designed for first time use experience
- Includes Get Started tutorial designed to get user from zero to Hello World
- Also includes other videos, tutorials, and documents links for various personas



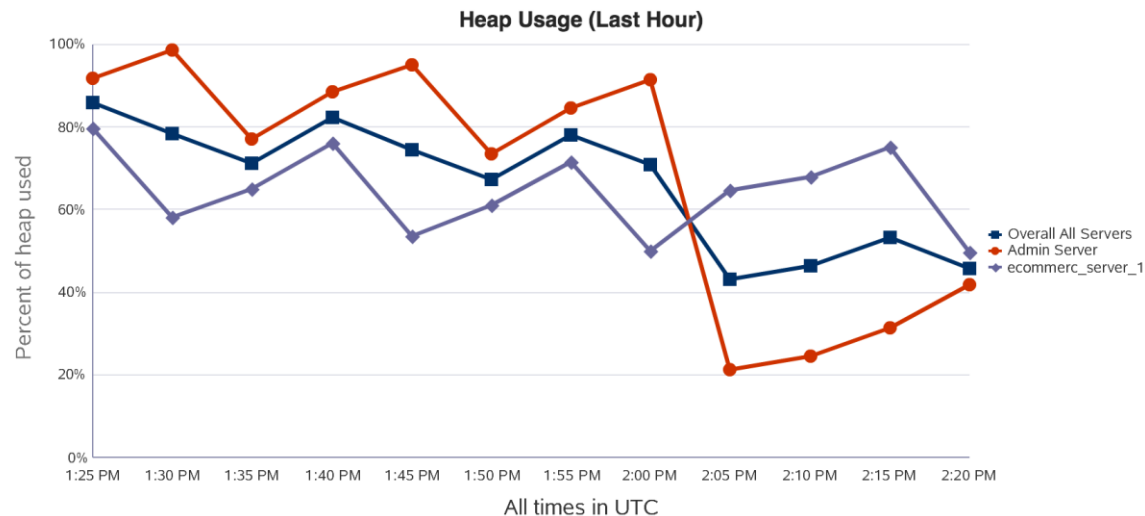
Recently Added: Historical Metrics

Services > ecommerce-app > Service Metrics

ecommerce-app (Oracle Java Cloud Service)

Select Graph Type ☒ Heap Usage
☐ Average Response Time

Heap Usage Selection All



- Historical Metrics for heap and response time available
- Current available for the last hour
- Metrics for individual manage server and admin server available
- Data available as REST API

Recently Added: Java Cloud Service Subscription (Non-Metered) Offering

- Three new pricing/packaging models:
 - Commercial Subscription
 - Public Sector Subscription
 - Academy Subscription
- Commercial and Public Sector have same price – 25% discount on monthly metered price
 - Same SLAs, Same billing and charging policy
 - Charged for the entire month, irrespective of usage
 - Public Sector SKUs eventually available in GOV cloud

Subscription Type

Select the service level and billing frequency for your service.

Service Level

Oracle Java Cloud Service - Virtual Image

- ☐ Oracle WebLogic Server installed on Oracle Cloud virtual machines.
No additional cloud tooling available.

Oracle Java Cloud Service

- ☒ Oracle WebLogic Server installed on Oracle Cloud virtual machines.
Additional cloud tooling available for tasks such as backup, restoration, scaling, and patching.

Software Edition

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

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

- ☐ Oracle WebLogic Server 12c (12.1.3.0.3)
Installed on Oracle Linux 6.4

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

- ☒ Oracle WebLogic Server 12c (12.1.3.0.3)
Installed on Oracle Linux 6.4

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

- ☐ Oracle WebLogic Server 12c (12.1.3.0.3)
Installed on Oracle Linux 6.4

NOTE: This option is disabled because it is not included with your subscription.

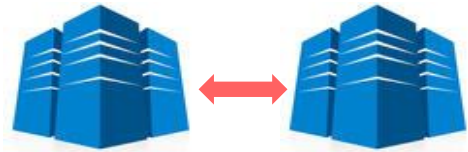
Recently Added: Java Cloud Service Subscription (Non-Metered) Offering

- Fixed SKUs
 - SKUs fixed on 4 dimensions: Subscription Type (Cloud Tooling/Virtual Image), Software Edition (Standard, Enterprise, etc.), Compute Shape Category (General, High Memory), Sector (Commercial, Public, Academy)
 - 12 Java Cloud Service SKUs for each sector
 - 16 Database Cloud Service SKUs each sector
 - 1 Block Storage and 1 Object Storage SKU for each sector
 - For e.g. JCS + Standard Edition + Virtual Image + General Purpose combination is a single SKU for \$225
 - Unit measure of the SKU is 1 OCPU

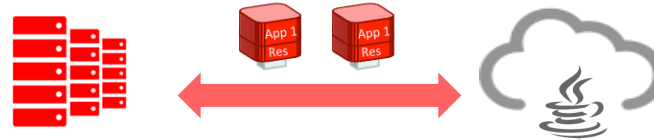
Oracle Java Cloud Service - Standard Edition - Virtual Image - General Purpose-Commercial	225
Oracle Java Cloud Service - Enterprise Edition - Virtual Image - General Purpose-Commercial	600
Oracle Java Cloud Service - Suite - Virtual Image - General Purpose-Commercial	1,050
Oracle Java Cloud Service - Standard Edition - General Purpose-Commercial	338
Oracle Java Cloud Service - Enterprise Edition - General Purpose-Commercial	900
Oracle Java Cloud Service - Suite - General Purpose-Commercial	2,100
Oracle Java Cloud Service - Standard Edition - Virtual Image - High Memory-Commercial	300
Oracle Java Cloud Service - Enterprise Edition - Virtual Image - High Memory-Commercial	675
Oracle Java Cloud Service - Suite - Virtual Image - High Memory-Commercial	1,125
Oracle Java Cloud Service - Standard Edition - High Memory-Commercial	413
Oracle Java Cloud Service - Enterprise Edition - High Memory-Commercial	975
Oracle Java Cloud Service - Suite - High Memory-Commercial	2,175

Java Cloud Service Focus on Enterprise in Coming Quarterly Releases

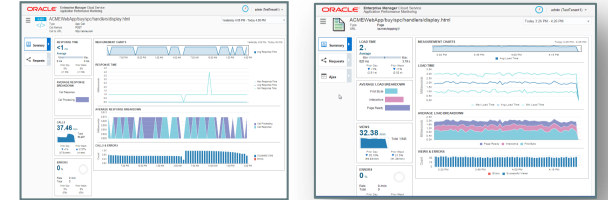
Multi Data Center High Availability Topologies



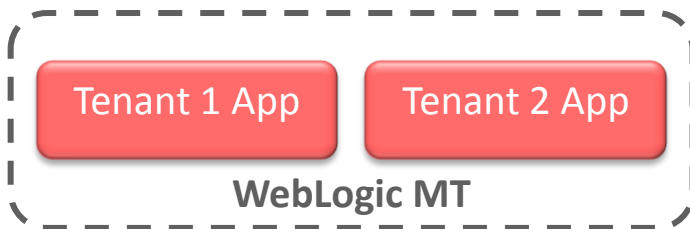
Seamless Portability/Integration Between On Prem and Cloud



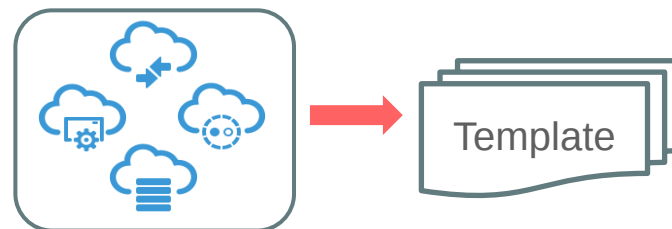
APM and Log Analytics



Workload Consolidation with WebLogic Multitenancy



Standardization With Templating



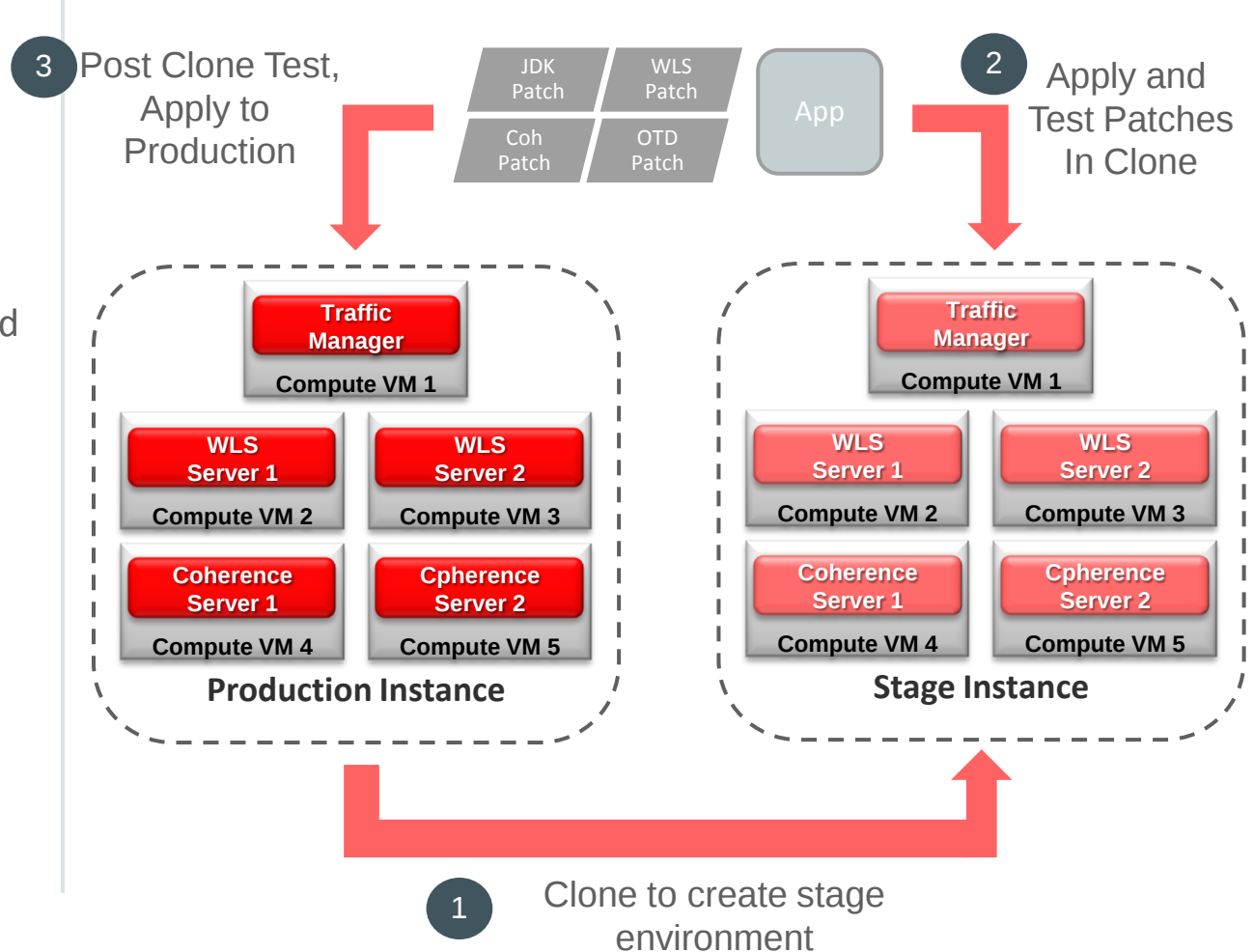
Oracle Managed Java/DB Cloud Services



Multi Data Center Phase 1: Clone Instance

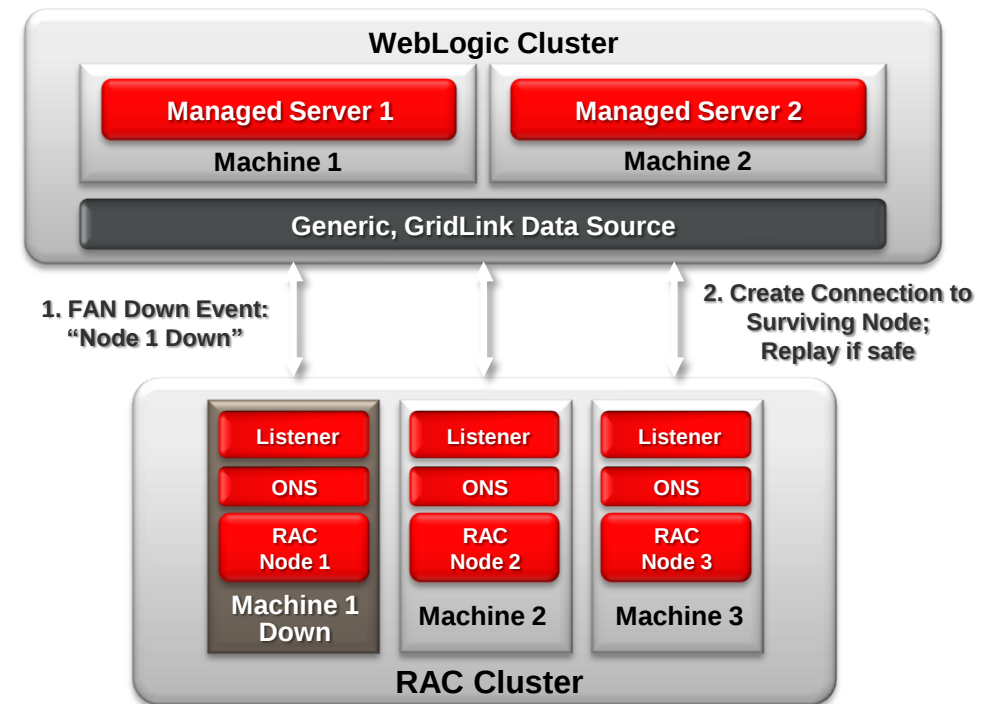
Use: Platform Patch / Application Upgrade Testing

- Goal:
 - Provide instant, self-service, temporary environment to test latest platform patches or to test new application version
- Steps:
 - Use **cloning** to create an identical environment to on-cloud JCS instance – this will copy over applications and configurations
 - Apply new patches or deploy new rev of the application; Test
 - Promote to production environment
- Value:
 - Instant identical environments for patch testing with pre-loaded applications and configuration
 - Reduced complexity with patch automation
 - Accelerated adoption of latest releases



Multi Data Center Phase 1: WebLogic Database RAC Integration, Exadata Cloud Service

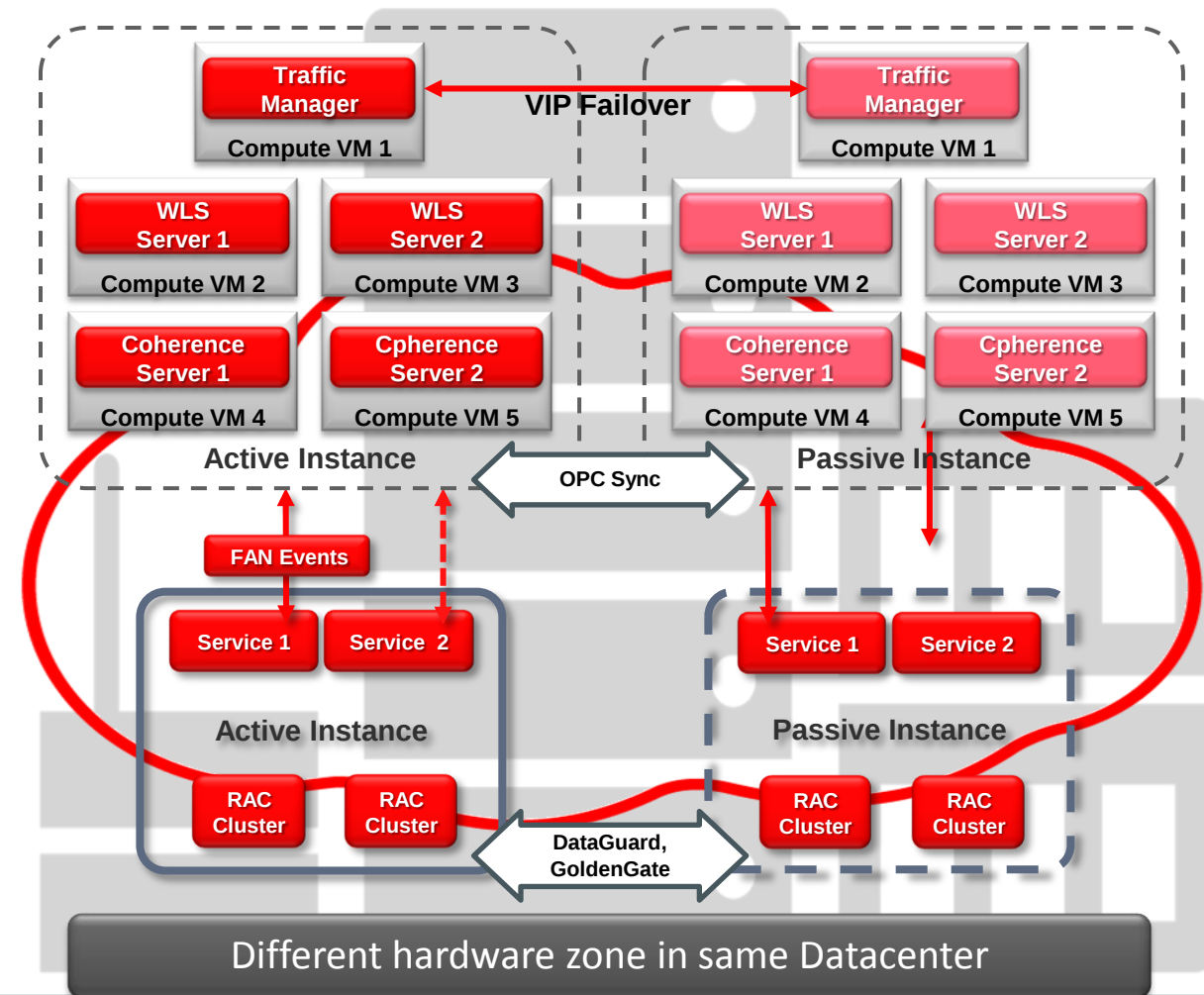
- Goal:
 - Provide enterprise-grade environment to run business critical application with extremely high availability
- Steps:
 - Auto-configure RAC during JCS provisioning
- Value:
 - Only cloud vendor to provide Oracle Database RAC in the cloud
 - Only cloud vendor to integrate application platform service in cloud (including Java Cloud Service, Java SE Cloud, etc.) with Oracle RAC
 - Unique Java Cloud Service integration with Database RAC using WebLogic Server Active GridLink for RAC



Multi Data Center Phase 1: Standby Same Datacenter

Use: Continuous Availability for Business Critical Applications

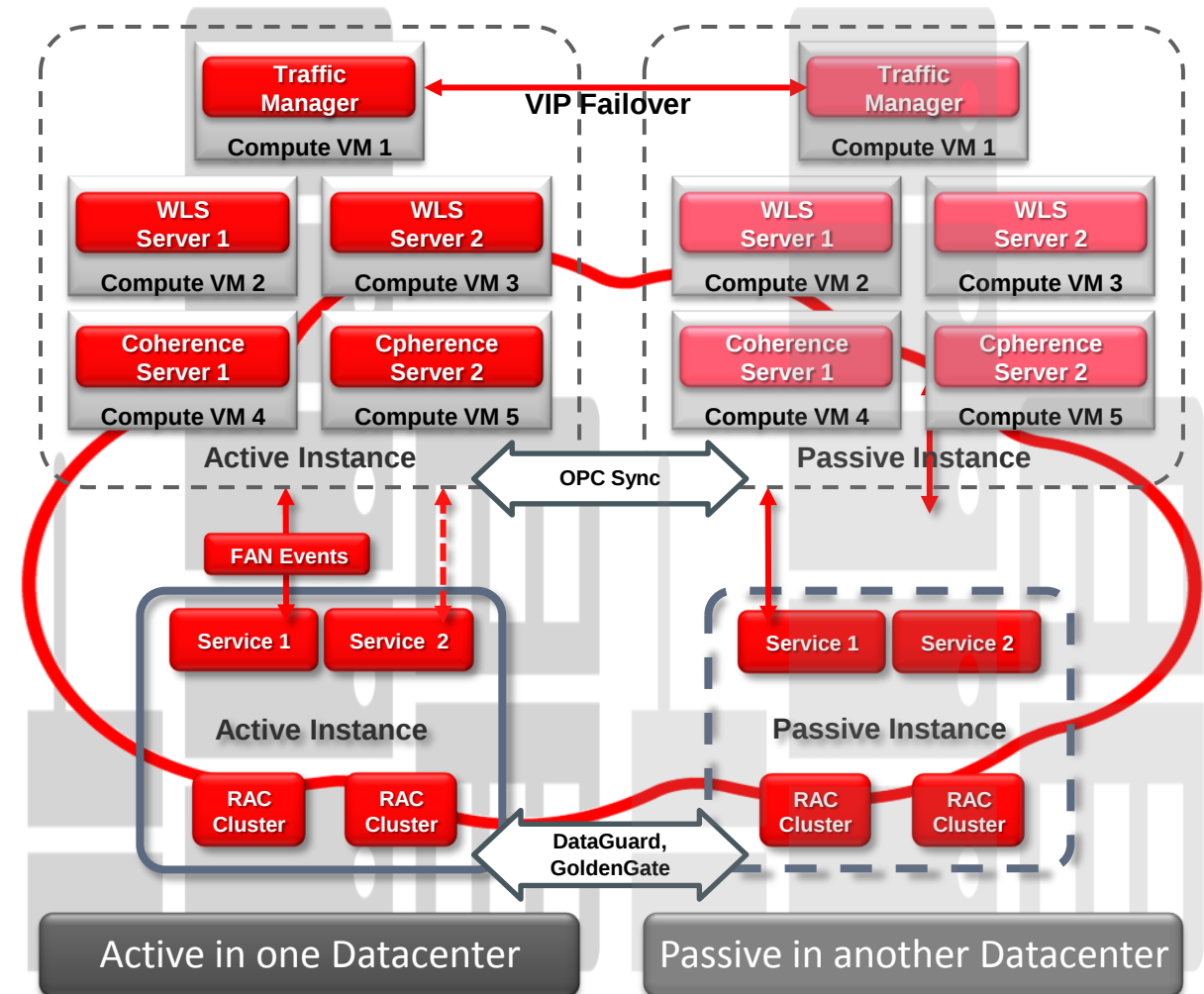
- Goal:
 - Eliminate risk of zone failures for business critical applications
- Steps:
 - Add Disaster Recovery option during provisioning to create standby in same DC but different zone
 - Get alerts when application inaccessible or environment unresponsive
 - Failover to standby
- Value:
 - Full app and DB tier with one-click Disaster Recovery
 - Fully automated, and highly managed option that dramatically reduces downtime risks for critical applications



Multi Data Center Phase 2: Different Datacenter within Region

Use: Continuous Availability for Business Critical Applications

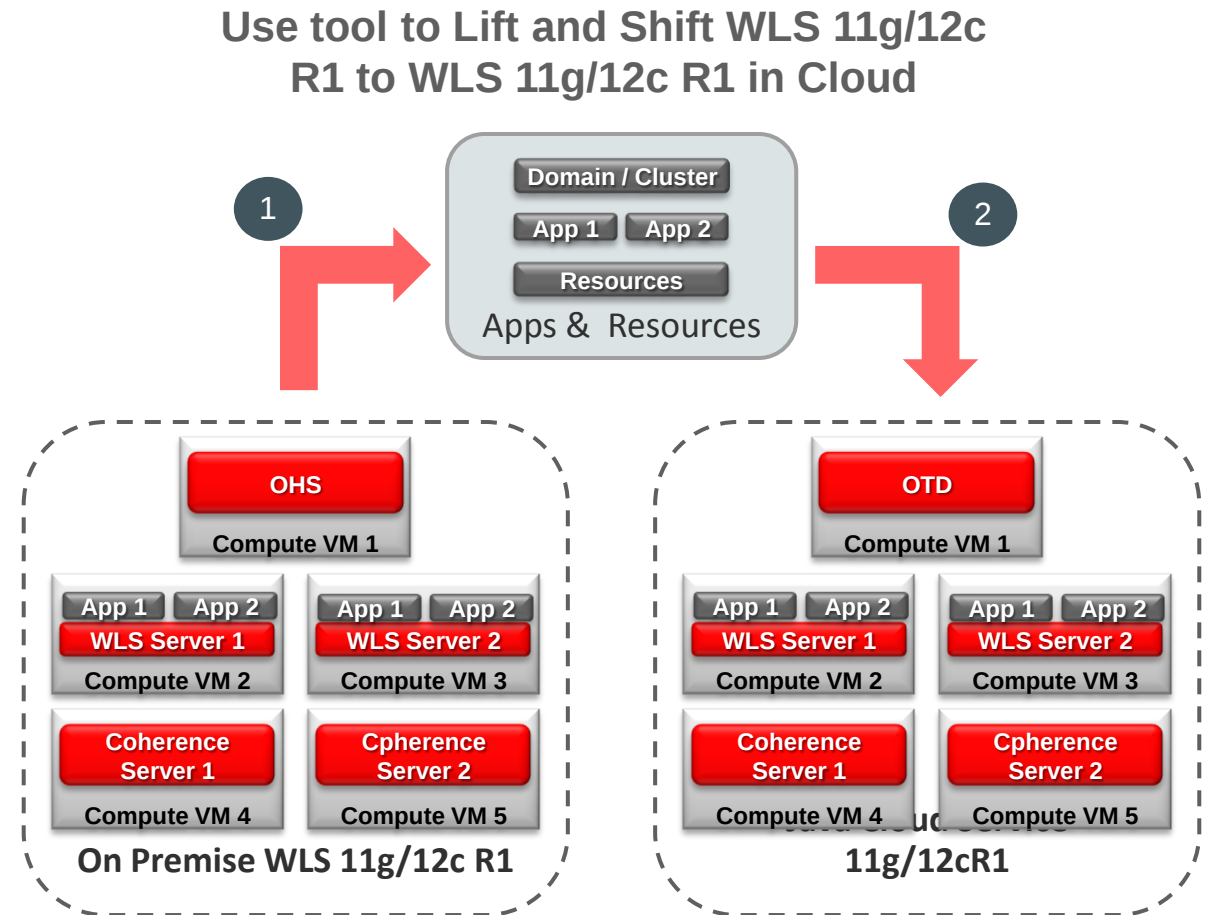
- Goal:
 - Eliminate risk of datacenter failures for business critical applications
- Steps:
 - Add Disaster Recovery option during provisioning to create standby in a different DC within same region
 - Get alerts when application inaccessible or environment unresponsive
 - Failover to standby
- Value:
 - True Disaster Recovery Option
 - Fully automated, and highly managed option that dramatically reduces downtime risks for critical applications



Application Lift & Shift Tooling

Use: WebLogic 11g, 12.1.3 Application Migration to Cloud (no upgrade)

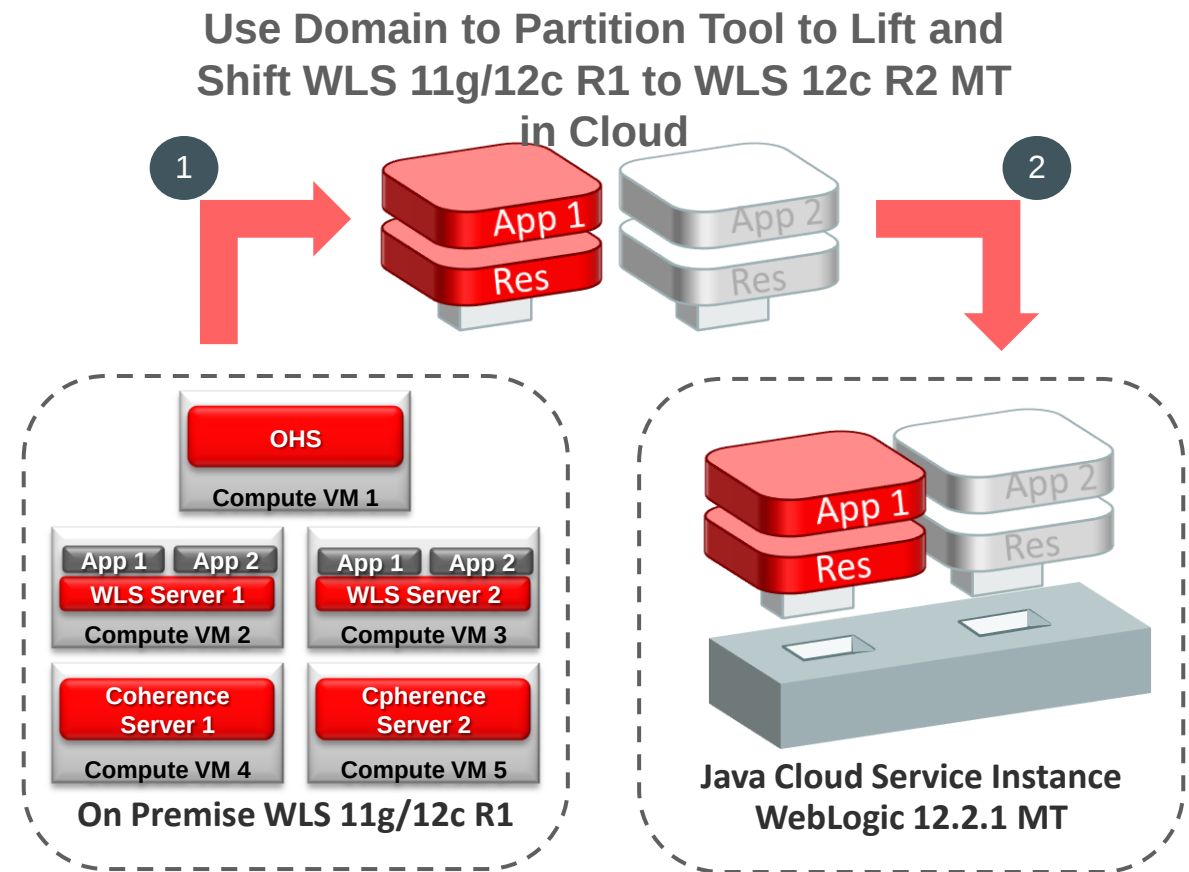
- Goal:
 - Simplify migrating existing Java workloads to cloud
- Steps:
 - Use Lift & Shift tool to introspect / gather domain, apps and config information from on-premise
 - Customize gathered information to exclude apps/resources from migration
 - Use pre-provisioned JCS or provision a new JCS instance of desired WebLogic version in cloud
 - Test and promote
- Value:
 - Reduce migration errors, warn early of potential migration issues
 - Reduce risk



Lift & Shift using WebLogic Multitenant Import/Export

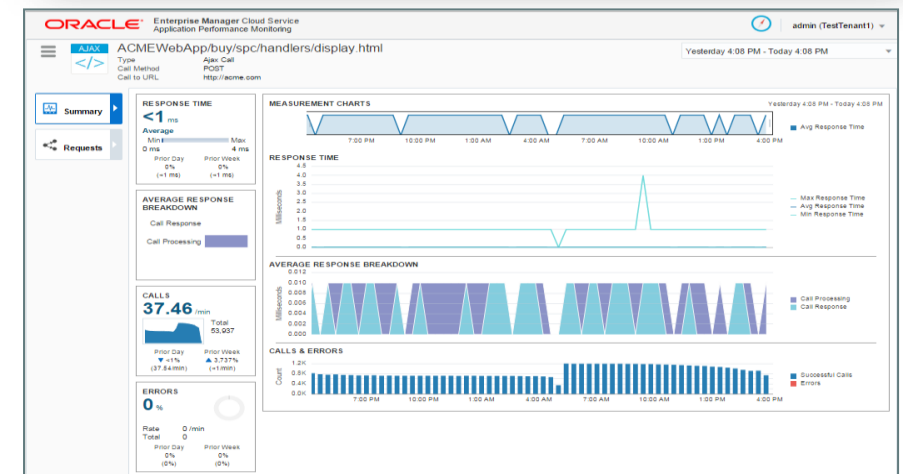
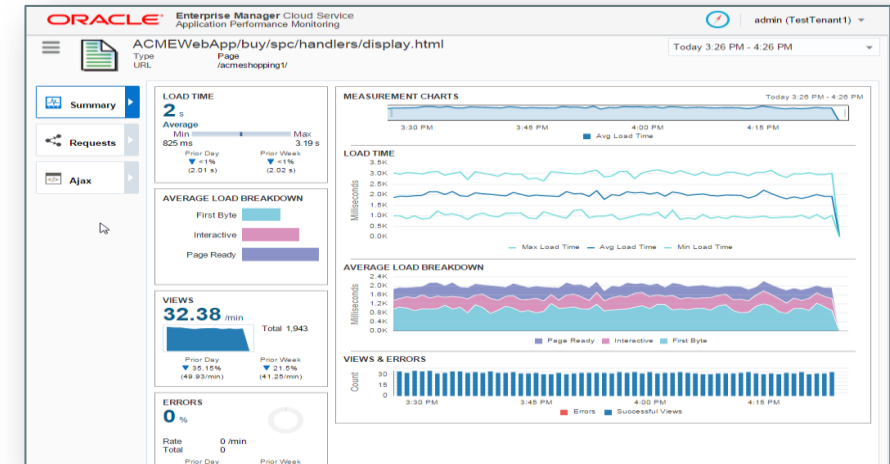
Use: Application Migration to Cloud with Automatic Platform Upgrade

- Goal:
 - Seamlessly move existing Java workloads to cloud, and simultaneously upgrade server versions with no code change
- Steps:
 - **Provisioning** JCS with WebLogic 12.2.1 in cloud
 - Export on-premise WebLogic domain as a partition (built-in feature in WebLogic 12.2.1, and standalone domain2partition tools for previous versions)
 - Import partition to JCS 12.2.1 in cloud – this will include apps, config, etc.
 - Test and promote to production
- Value:
 - Take full advantage of cloud with automatic upgrade
 - No code change, simple seamless migration



Application Performance Management and Log Analytics

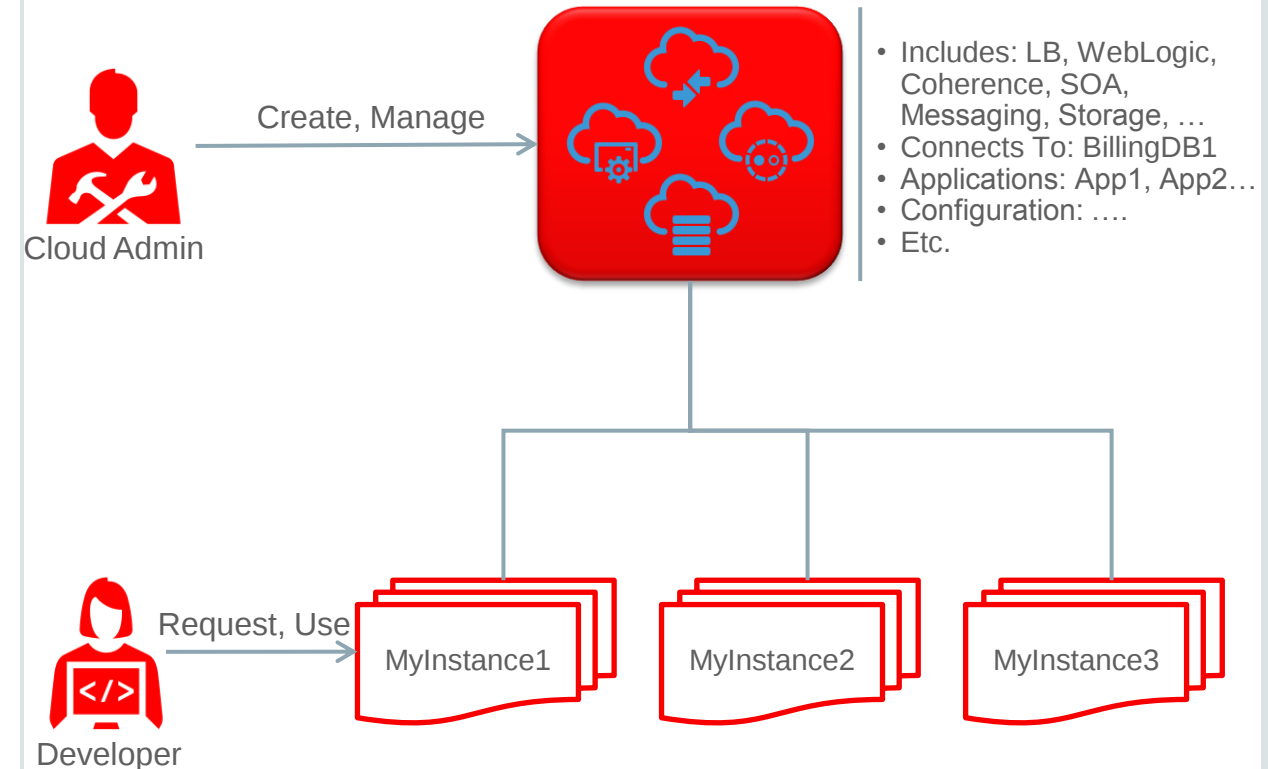
- Goal:
 - Provide deep performance and log analytics for developers and operations
- Steps:
 - Before or after provisioning Java Cloud Service, apply APM and Log Analytics option to instance
- Value:
 - Proactive analysis of applications while they run
 - Post problem analysis via deep log analytic capabilities



Service & Environment Templates

Use: Standardization and Control of Application Deployment

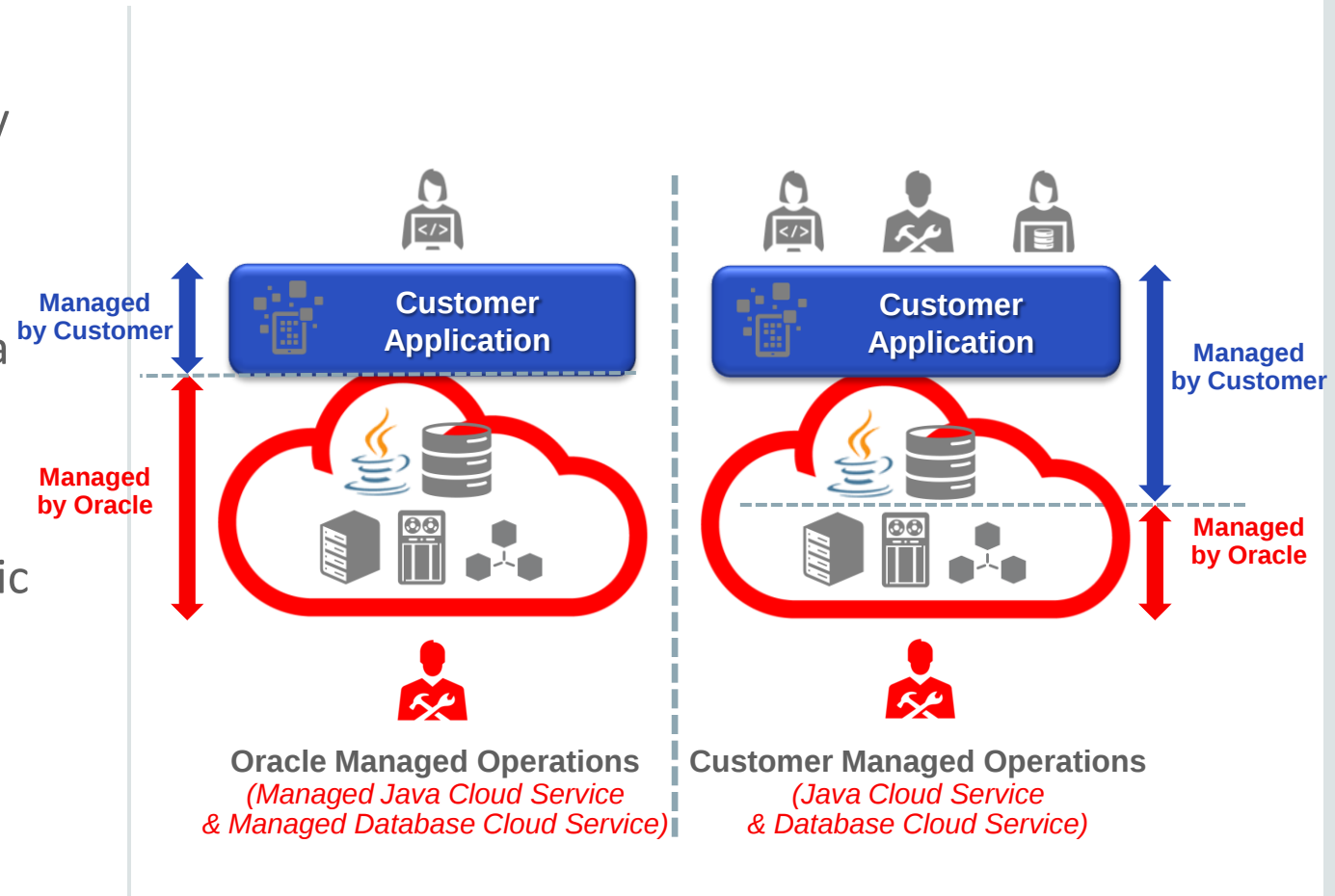
- Goal:
 - Provide a standardization pattern for creating environments in cloud
 - Encapsulate configuration of individual services, as well as topology of a multi-tier environment including Web Tier, App Tier, Data tier, and Database Tier, Storage, Messaging and Upper Stack services
- Steps:
 - Admin to create a template for individual services
 - Admin to create environment template as a collection of service templates with pre- and post- actions
 - Self-Service users to use named templates to create new environments
- Value:
 - Enables standardizations
 - Simplifies development for large-scale, distributed teams
 - Reduce cost and time to manage standard environments



Oracle Managed Java Cloud Service

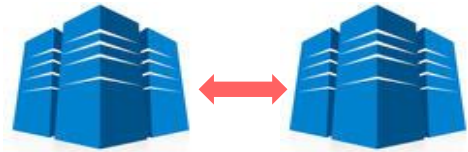
Use: Fully Managed Operations by Oracle

- Goal:
 - Application environments fully managed by Oracle including DR/standby
- Steps:
 - Provision a Managed JCS and wire against a Managed DBaaS
- Value:
 - Dramatically reduce workloads on WebLogic and Applications admins
 - Fully managed capacity with auto scaling; never loose a transaction due to capacity
 - Fully managed failover

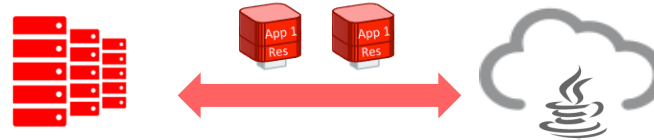


Java Cloud Service Focus on Enterprise in Coming Quarterly Releases

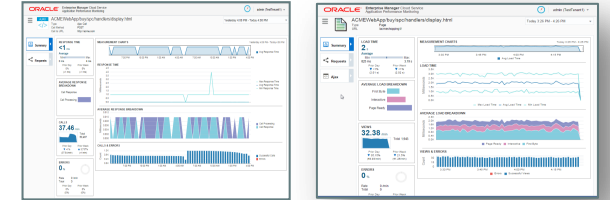
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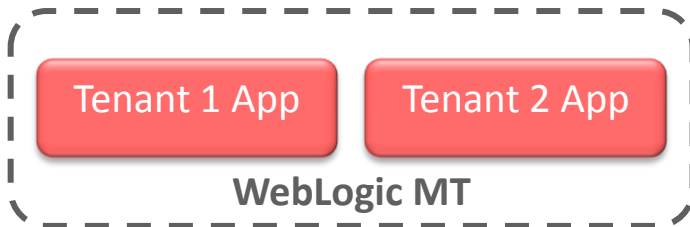
Seamless Portability/Integration Between On Prem and Cloud



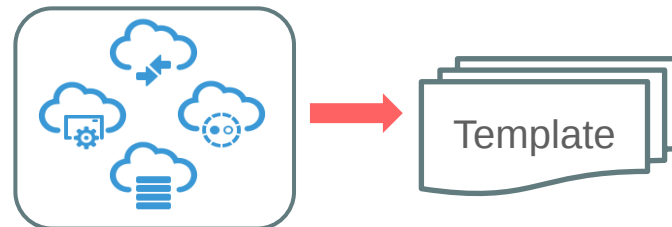
APM and Log Analytics



Workload Consolidation with WebLogic Multitenancy



Standardization With Templating



Oracle Managed Java/DB Cloud Services

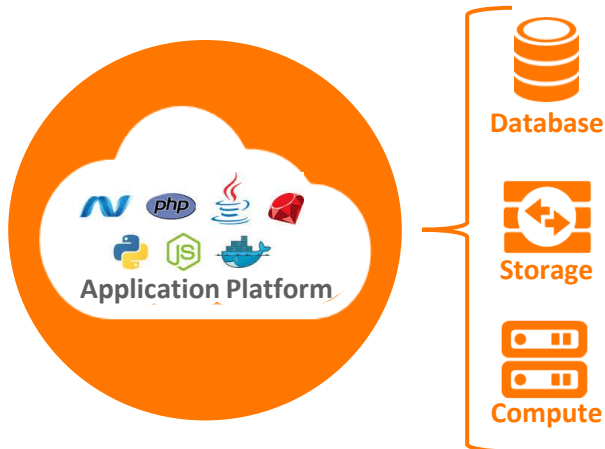


And More Shortly Coming: Java SE, Node Cloud Service

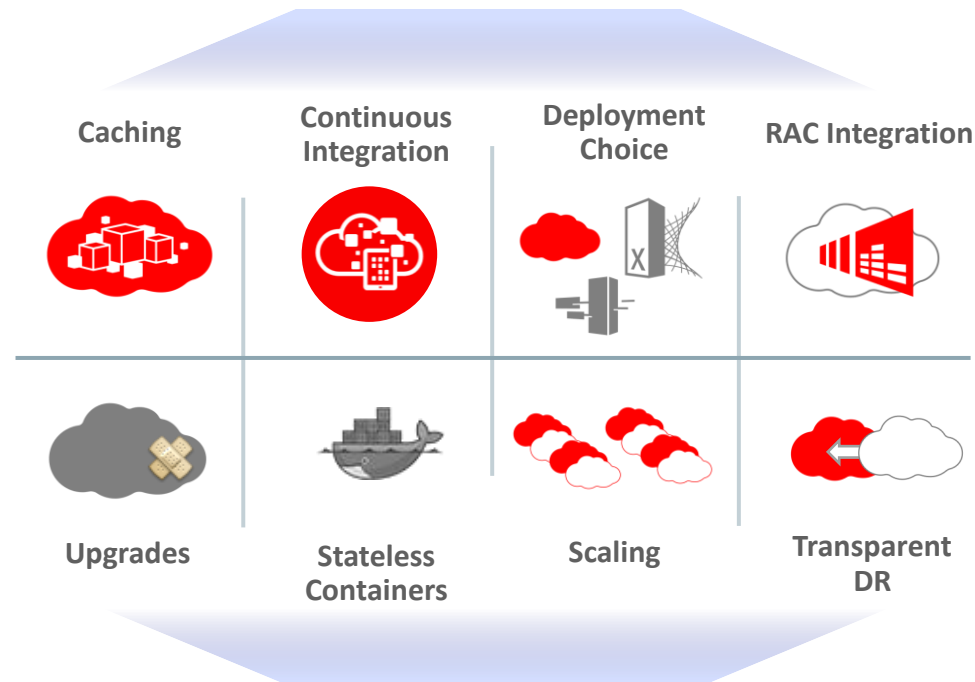
Polyglot Platform for Running Lightweight, Stateless Applications in the Cloud

Java SE and Node Application Platform

- Robust polyglot PaaS for light-weight cloud native applications
- Built on Oracle's IaaS solution
- Built-in advanced operations for complete lifecycle management

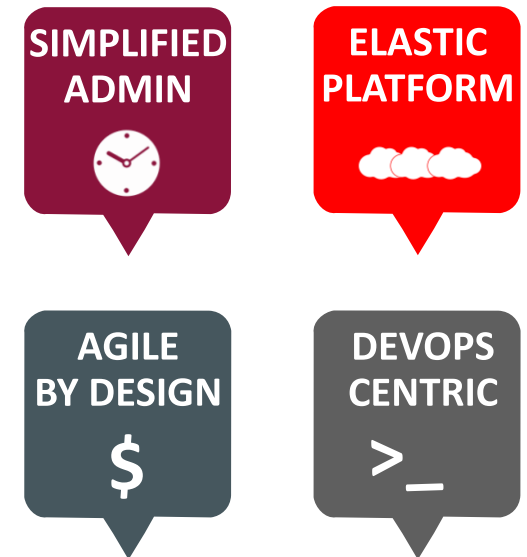


Product Features



Operational Advantages

Benefits



And Even More Coming! Coherence Cloud Service



Coherence with JCS

Live Today - combination of WebLogic and Coherence in the Cloud

Targeted at WebLogic Deployments –
Caching Use Cases



Coherence Cloud Service

Coherence Data Grid in the Cloud –
Target CYQ3

Targeted for High Value Data Grid
Deployments – Federated Caching,
Hotcache, Persistence Use Cases

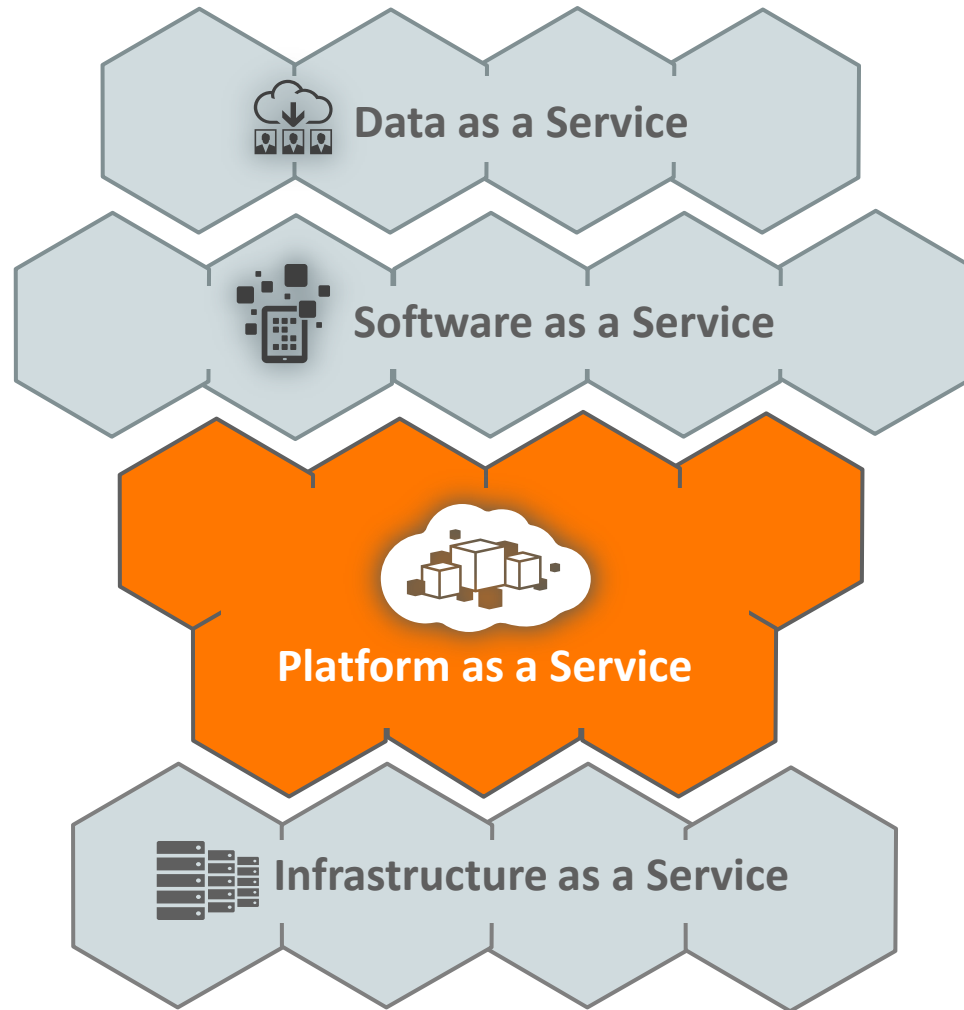


Oracle OpenWorld 2015

Moazzam Chaudry
Director, Product Management
9th September, 2015



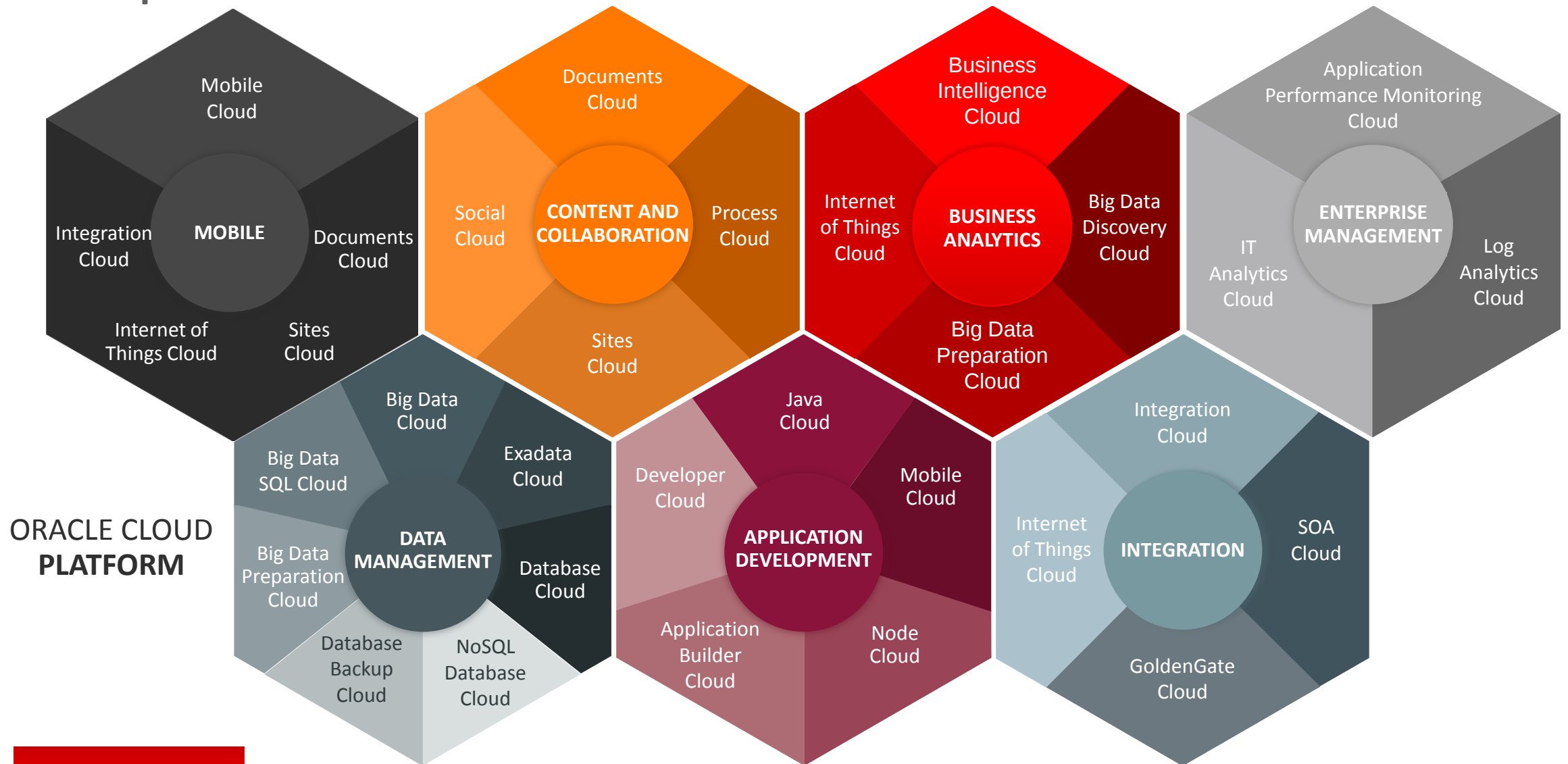
Oracle Cloud Platform Strategy



**Bring Oracle's leading
Database and Middleware
Technology Software to customers
and partners anywhere in the
World through the Internet**



Comprehensive Portfolio of Cloud Platform Services



Oracle Cloud Platform Highlights @ OpenWorld

SOA/ICS

- SOA Cloud Service
- New Integration Analytics
- New API Management Platform
- SOA 12.2.1

BI/EPM/Big Data Discovery

- Data Visualization Cloud Service
- Big Data Discovery Cloud Service
- Oracle BI 12c

WebLogic/JCS/Exalogic

- WebLogic 12.2.1 (WLS Multitenant)
- Coherence in the Cloud
- Exalogic 12.2.1
- JCS Upgrade

Data Integration

- Big Data Prep Cloud Service
- Golden Gate Cloud Service
- Big Data Updates
- DIS 12.2.1 and GG Updates

IDM

- Identity for Cloud
- Mobile Security

Mobile

- Mobile Test Automation

Tools

- Application Builder Cloud Service
- Developer Cloud Service

2015 Keynotes (All @ Moscone North, Hall D)

Sunday, 10/25

5:15-6:00pm - Partner Keynote

6:00-7:00pm - Larry Ellison

Monday, 10/26

8:30-9:15am - Partner Keynote

9:15-10:15am - Mark Hurd

Tuesday, 10/27

8:30-9:15am - Partner Keynote

9:15-10:15am - Oracle Keynote

1:30-2:15pm - Partner Keynote

2:15-3:15pm - Larry Ellison

Wednesday, 10/28

8:30-9:15am – Partner Keynote

9:15-10:15am - Oracle Keynote

Middleware Tracks @ OpenWorld 2015

Track

Application Servers, Cloud Application Foundation, and Exalogic

Business Analytics

Cloud Integration, Service-Oriented Architecture

Data Integration

Enterprise Mobility

Identity Management

Oracle Application Development Framework and Development Tools

Portal, Content Management, Web Experience Management, and Business Process Management

Solution Track: Oracle Cloud Platform (PaaS)

Solution Track: Oracle Cloud for Developers

PaaS-Related Solution Tracks @ OpenWorld 2015

Track

Oracle Cloud Platform (PaaS)

Oracle Cloud for Developers

Mobile

Middleware Related General Sessions @ OpenWorld 2015

Session	When
GEN10178: Mobile—the Heart of Digital Transformation	Mon, 10/26 @ 11am
GEN7350: Oracle's Big Data Strategy – Unified Data Management and Analytics	Mon, 10/26 @ 2:45pm
GEN10761: Oracle Cloud Platform and Fusion Middleware: Accelerating Digital Transformation	Mon, 10/26 @ 4pm
GEN7309: Revolutionizing Application Development with Oracle Cloud	Tues, 10/27 @ 11am
GEN5878: The Cloud Platform for Digital Business	Tues, 10/27 @ 12:15pm
GEN7346: Oracle Business Analytics Executive Briefing	Weds, 10/28 @ 11am

Event Agenda and Schedule

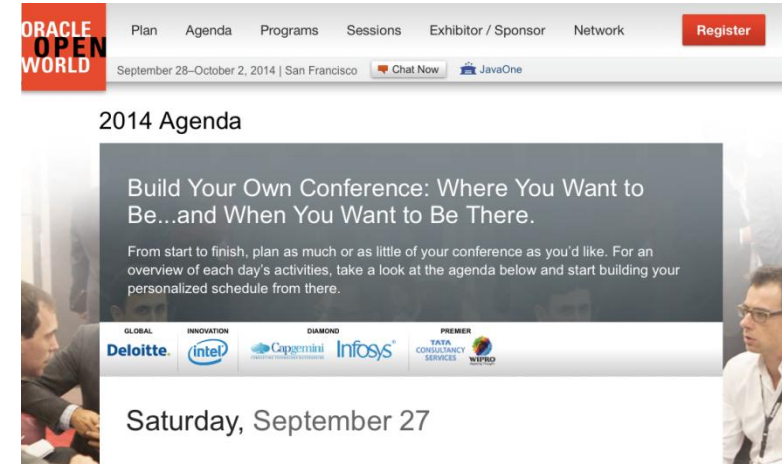
- 2,000+ high-level sessions over five days
- Dozens of hands-on labs (Middleware and PaaS)
- 179 PaaS/Middleware conference sessions (Oracle)
- 7 Meet the Expert sessions (formerly BOFs)

- Agenda

<https://www.oracle.com/openworld/agenda.html>

- Content Catalog

<https://events.rainfocus.com/oow15/catalog/oracle.jsp>



DEMOgrounds @ OpenWorld

- Moscone West

- Applications
- Enterprise Manager for applications, and select solutions for industries

Exhibition Hall Hours

Monday	10:15 AM - 6:00 PM
Tuesday	10:15 AM - 6:00 PM
Wednesday	10:15 AM - 4:15 PM
Thursday	Exhibition Hall Closed

- Moscone South

- Database
- Middleware
- Mobile Showcase
- Linux
- Virtualization
- Server and storage systems
- Enterprise Manager for database, middleware, and physical and virtual systems
- Oracle Services
- Cloud Platform and Infrastructure Showcase

Auxiliary Events

Friday

October 23

Partner Advisory Council

Sofitel, Redwood Shore

Saturday

October 24

Global BA Leadership Summit

JW Marriott

Sunday

October 25

BI Product Advisory Board

11am-5pm @ JW Marriott

EPM Product Advisory Day

8am-5pm @ Grand Hyatt

WebCenter & BPM CAB

8am-5pm @ Grand Hyatt

DIS CAB

TBD @ Grand Hyatt

Exalogic CAB

8am-4pm @ Marriott Union Square

Cloud Platform CAB

8am-4pm @ Marriott Union Square

WebLogic Server CAB (Day 1)

8am-4pm @ Marriott Union Square

WLS, Cloud, Exalogic CAB Reception

7pm-10pm @ Thirsty Bear

Auxiliary Events

Monday

October 26

IdM Customer Dinner

6:30pm @ La Mar Ceicheria
Peruana

Tuxedo Customer Dinner

7pm @ tbd

Tuesday

October 27

Exalogic Customer Lunch

11am @ Four Seasons

Innovation Awards Ceremony

4pm @ LAM Research Theater

Wednesday

October 28

Customer Appreciation Event

Treasure Island

IdM Customer Advisory Board

2pm-4:30pm @ JW Marriott

Thursday

October 30

WebLogic Server CAB, Day 2

10:30am @ JW Marriott

Integration/SOA CAB

11:45am @ Grand Hyatt

Enterprise Mobility CAB

12pm @ Westin St. Francis

Integration/SOA
Customer/Partner Appreciation

7pm @ Press Club

Healthcare CAB

10am @ Grand Hyatt

Partner Activities @ OpenWorld

- Partner Advisory Panel on Friday 10/23
 - Sofitel and CVC center
 - 8 tracks covering all FMW/BI Pillars: CAF, SOA, WC/BPM, DIS, IdM, Mobile, BI, EPM
- EMEA Partner Executive Roundtable on Wed, 10/28 at 9-11 am
- Proposed Global SI Executive Roundtable on Wed, 10/28 at 1-3 pm

Other Programs @ OpenWorld

- [JavaOne](#)
- [Leaders Circle @ OpenWorld](#)
- [Big Data Central](#)
- [Cloud Central](#)
- [CX Central](#)
- [Engineered Systems Central](#)
- [My SQL Connect](#)
- [ERP Central](#)
- [HCM Central](#)
- [Mobile Central](#)
- [SCM Central](#)
- [OPN Central](#)

2015

ORACLE FUSION MIDDLEWARE: CELEBRATE THIS YEAR'S MOST INNOVATIVE CUSTOMER SOLUTIONS



2015 Oracle Excellence Award Ceremony for Fusion Middleware Innovation

Tuesday, October 27, 2015

Reception: & Ceremony: 400-5:30pm

YBCA Theater (next to Moscone North)

Session ID: CON10374

Oracle
Excellence
Awards

Networking Events @ OpenWorld

- Welcome Reception, Sunday 7pm
- OTN Tech Fest, Monday 7pm
- CX Central Fest, Tuesday 7pm
- Appreciation Event, Wednesday 6:30pm

Oracle Partner Network Cloud Platform Partner Community

Christine Kungl
Senior Manager, Global Partner Enablement
9th September, 2015

OPN Cloud Platform Resources



Oracle Cloud Platform as a Service (PaaS) Knowledge Zone

Check out the latest
resources!



Oracle Cloud Platform Partner Community

Become a member
today!



Resale Program

Apply to Resell
Java Cloud Service!



Cloud Platform Partner Webcast Series 2015

Coming up next:
Manufacturing, Banking and
Retail Industry Solutions on
Oracle Cloud Platform
October 7, 2015

Oracle Cloud Platform Partner Community is a collaborative communication channel for Oracle Partners and employees to exchange sales information on Oracle's PaaS offerings.

What's in it for you?

- Access to Oracle Cloud Platform Services content (sales & marketing)
 - ✓ Cloud Services Customer Success Stories
- Partners interactions with Oracle Experts

JOIN TODAY!



Cloud Platform Partner Community

Following in ~ 1 stream

Leave this group

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About this Group

The Oracle Cloud Platform Partner Community is a collaborative communication channel for Oracle employees and partners to exchange sales information for Oracle's PaaS offerings.

Featured Expert



Christine Kungl-Oracle
Joined on Apr 12, 2010



Welcome to Oracle Cloud Platform Partner Community
Your one-stop shop for information on Oracle's Cloud Platform Services.

Ask a question to the Oracle Cloud Platform Partner Community

Type your question

ASK IT

Recent Ideas



Create an idea »
Create an idea for others to see and vote on

Beehive Space



community.oracle.com/groups/cloud-platform-partner-community

ORACLE®

JOIN OUR NEW SOCIAL MEDIA GROUPS

 Oracle Cloud Platform Partner Community

 @OPNCloudPartner

How To Join?



Oracle PartnerNetwork
Cloud Platform Partner Community

1. Must be an Oracle PartnerNetwork member
2. Go to <https://community.oracle.com/groups/cloud-platform-partner-community>
3. Click on LOGIN in the top right corner
4. Login using Oracle Single Sign On
5. Ask to join the group
6. Wait for your approval email
7. Edit your profile to create a “Display Name in the format of ‘username-[company]’

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