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# Java Development in the Cloud

CREATE  
THE  
FUTURE

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Oracle Developer Cloud Product Management

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# Program Agenda

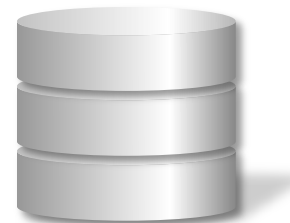
- 1 Challenges Facing Development Organizations
- 2 Oracle Cloud Ecosystem
- 3 Developer Cloud Service Use Cases
- 4 Demo

# Why Move to the Cloud?

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# Development Organization Challenges - Costs

- Acquire hardware and software
- Setup and install components
- Connect components
- Configure IDEs
- Maintain and upgrade versions
- Connect to deployment platform

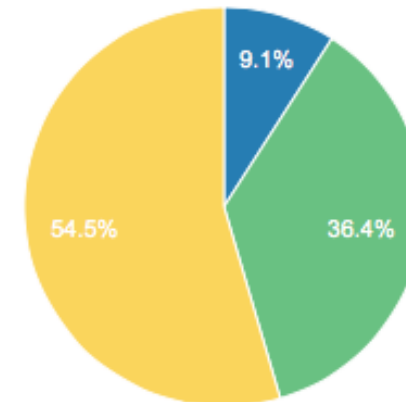


# Development Organization Challenges - Process

- Achieving build process agility
- Producing better applications
- Streamlining deployment
- Managing teams and developers
  - Tracking and reporting
  - Team communication
  - Workload management and prioritization

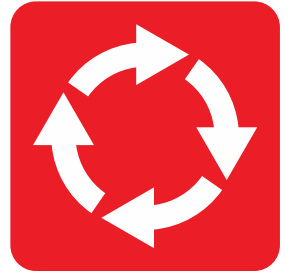


Commits By Author (60 Days)



# The Ideal Solution

- Integrated ALM components
- Quick startup time and easy provisioning
- Minimal maintenance costs
- Informative tracking of development activities
- Seamless deployment
- Flexible Cloud or on-premise



# Developer Cloud Service: What It Is

- Development Platform provided as a Service
- Application Lifecycle Management
- Team Management



**Source Control  
Management**



**Issue Tracking**



**Hudson Continuous  
Integration**



**Wiki Collaboration**



# 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**

# Transform Development Experience with Oracle Cloud



**Database Services**



**Java Services**



**Developer Services**



**Mobile Services**



**Messaging Services**



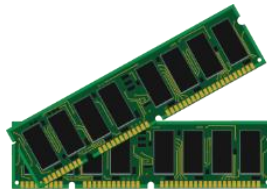
**Storage Services**



**Identity Services**



**Notification Services**



**Caching Services**



**Collaboration Services**



**Analytics Services**



**Application Store**

**Enterprise Grade Hardware, Software, and Management Infrastructure**

# Developer Cloud Service: Use Cases

## Extending/integration Oracle SaaS apps (With Java Cloud Service)

- Pre-integrated deployment
- Setup correctly for Java/ADF development with FA
- Templates for FA available

## Java EE Development (With Java Cloud Service)

- Automated deployment through CI
- Familiar infrastructure
- Monitoring and management of JCS\*

## Integrated ALM (Standalone Developer Cloud Service)

- Hosted no-setup experience
- Team collaboration/management

# Developer Cloud Service: Target Audience & Benefits

## Audience

- IT Shops – Dev managers, VP Engineering, CTO
- Oracle Fusion Apps Customers and Partners
- Service Integrators

## Benefits

- Eliminate setup and startup time
- Reduce maintenance costs
- Get integrated ALM solution
- Extend code accessibility
- Improve team collaboration
- Simplify team management
- Streamline cloud deployment
- Produce better applications faster

# Oracle Developer Cloud Service

## Simplify Development

- Automated Provisioned Env
- Preconfigured & Integrated
- Automated Builds & Deployments
- Web based administration

## Collaborate & Manage

- Integrated team source repository
- Continuous integration with breakage notifications
- Task/Defect tracking with activity stream and notifications

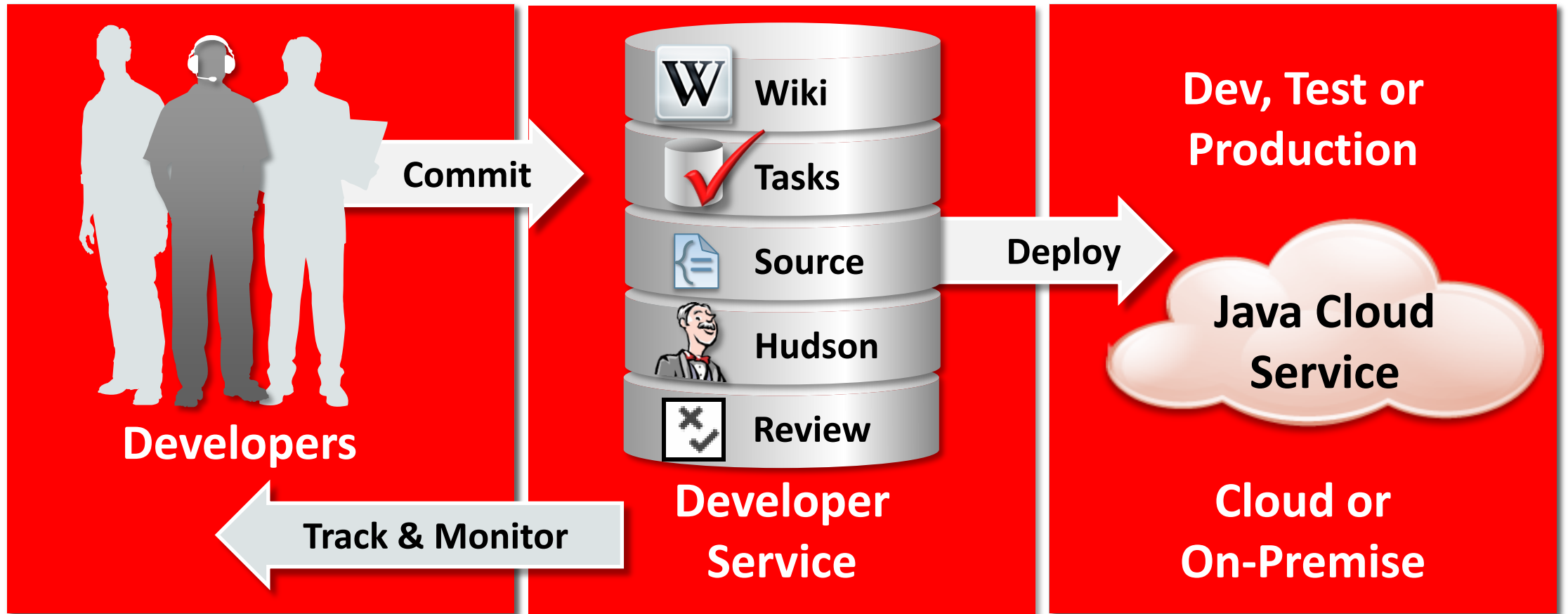
## Deploy Automatically

- Deploy into Oracle Java Cloud Service automatically
- Workflow ensures build & test

## Integrated With IDEs

- JDeveloper
- Eclipse
- NetBeans

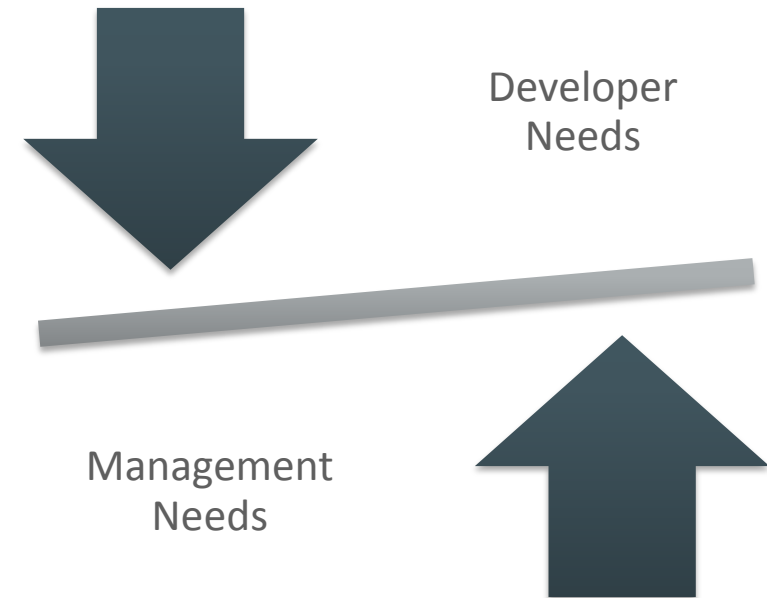
# Developer Cloud Service: Bringing it All Together



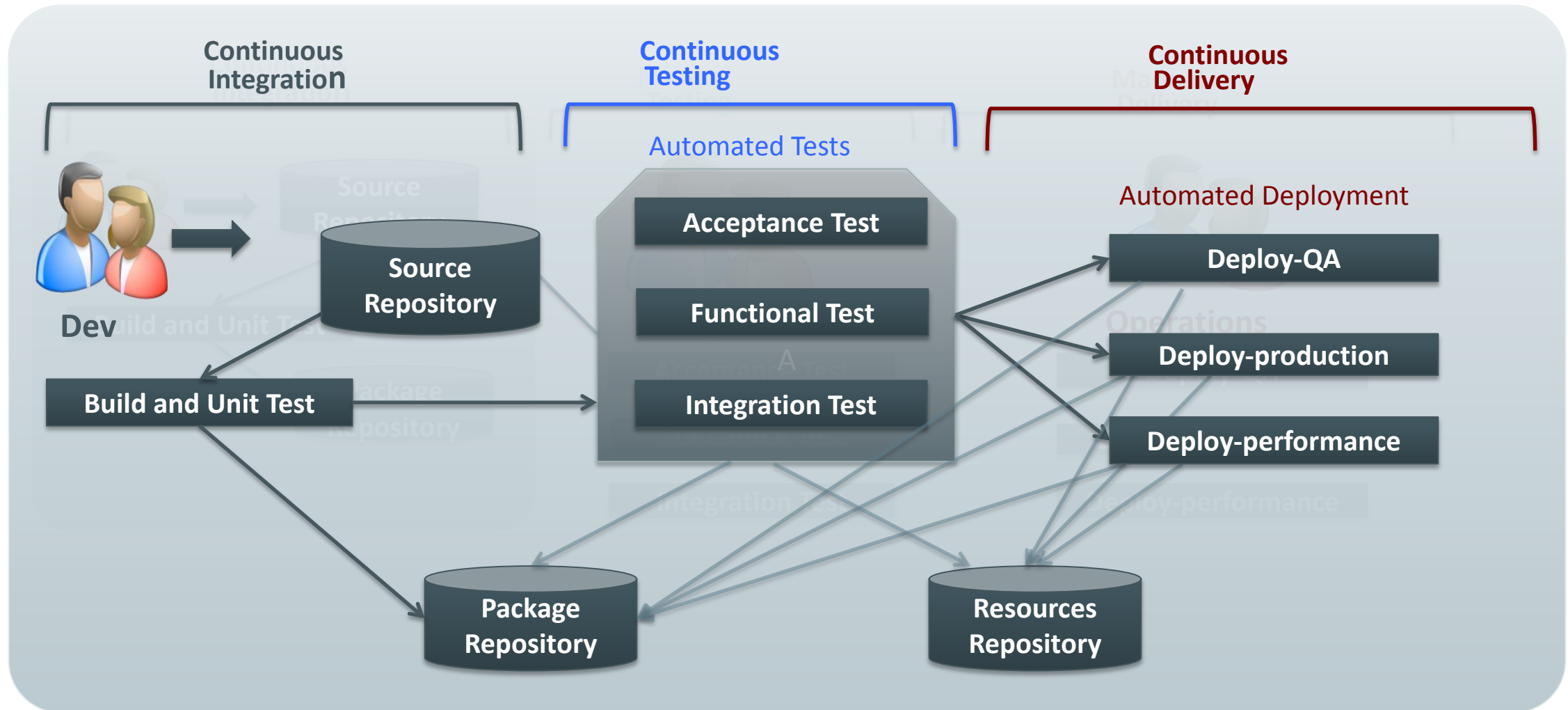
# To CD in the Enterprise

## What Matters?

- Manageability
- Security
- Performance and Scalability
- Visibility
- Legal / IP



# Continuous Delivery with Hudson





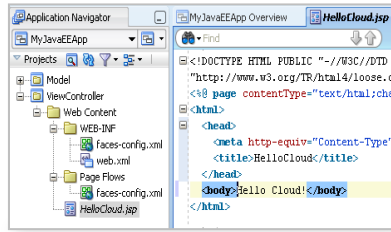
# Oracle Java Cloud Service

Runs Any Java Application in the Cloud



- **Easy** Fast self-service application building, testing, deploying, and scaling
- **Standards-based** Java EE applications run and port without lock-in.
- **Enterprise Grade** Superior security, reliability and performance for business-critical applications

# Oracle Developer Cloud Service - Interfaces



**JDeveloper,  
NetBeans  
and Eclipse**



**Web  
Dashboard**



**REST  
Interface**



**SSH to GIT**



**Mylyn**



**Partners**

**Developer Cloud Service**

# Oracle Developer Cloud Service



## DEMO



**Source Control  
Management**



**Issue Tracking**



**Hudson Continuous  
Integration**



**Wiki Collaboration**

# Developer Cloud Service: Pricing

- Free for Java Cloud Service and Messaging Cloud Service trial and paid customers
- Future – possibly charge for stand-alone Developer Cloud Service subscription

Service Name	Trial Sizing	Paid Sizing
<b>Oracle Developer Cloud Service</b>	3 Developer Service Projects	12 Developer Service Projects
	1 Concurrent Hudson Build	3 Concurrent Hudson Builds
	Storage: 1 GB Git & Maven 1 GB Hudson 1 GB Tasks & Wiki	Storage: 6 GB Git & Maven 10 GB Hudson 4 GB Tasks & Wiki

# Developer Cloud Service: Roadmap

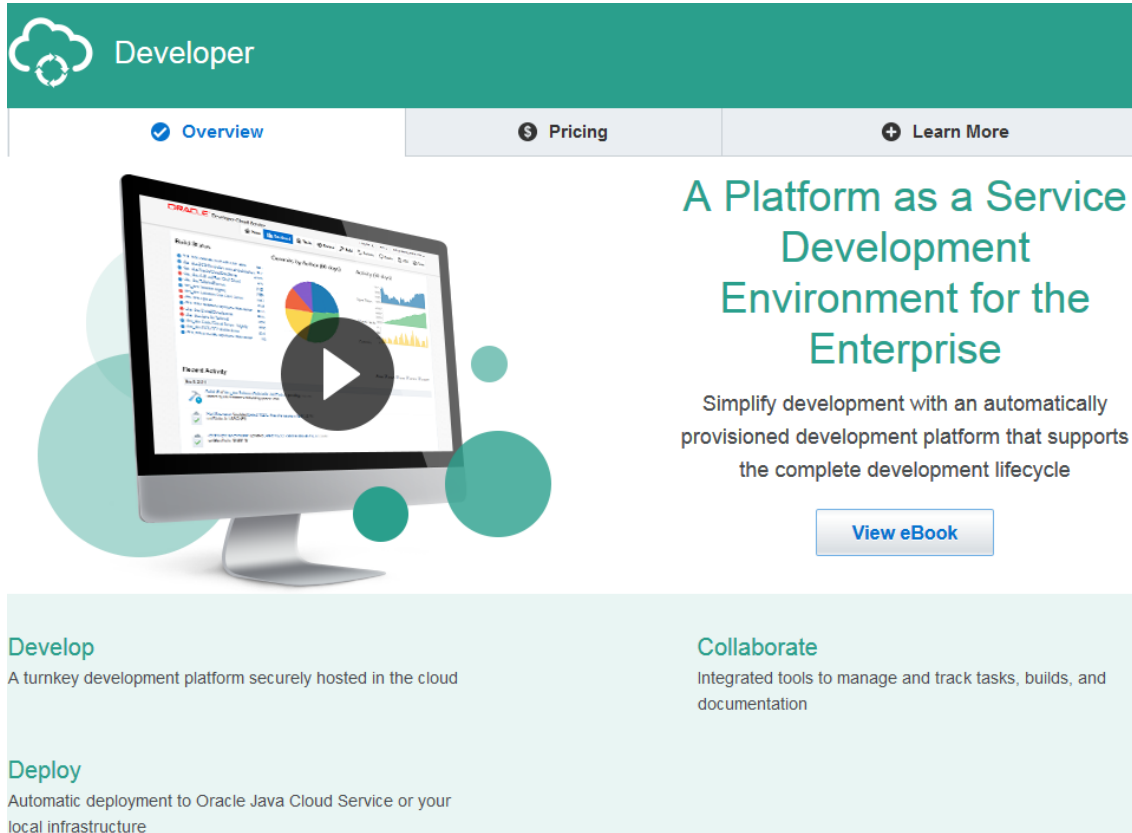
## Key Product Updates & Milestones Anticipated in FY15

### Winter 2014-15

- Powerful code editor
  - Code insight, documentation, auditing
- Mobile ALM
  - Build, test and deploy MAF (iOS and Android applications)
- Integration with more Oracle Cloud Services
  - Mobile Cloud Service, ICS
- Custom Hudson Build Slaves

# Additional Resources

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



**Developer**

Overview Pricing Learn More

## A Platform as a Service Development Environment for the Enterprise

Simplify development with an automatically provisioned development platform that supports the complete development lifecycle

[View eBook](#)

**Develop**  
A turnkey development platform securely hosted in the cloud

**Collaborate**  
Integrated tools to manage and track tasks, builds, and documentation

**Deploy**  
Automatic deployment to Oracle Java Cloud Service or your local infrastructure

- Tutorials
- Videos
- eBook
- Whitepapers
- Documentation
- Forums

# Oracle Cloud Sessions of Interest

Title	Time	Location
<b>Simplify Enterprise Mobile Connectivity by Using Oracle Mobile Cloud Service</b> [HOL9908]	Wed 4:15	Intercontinental - Sutter
<b>Oracle Java Cloud Service: Deploy Enterprise Applications in the Public Cloud</b> [CON7936]	Thu 10:45	Moscone South - 304

# Safe Harbor Statement

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# **Hardware and Software Engineered to Work Together**



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