and More! Continuous delivery of Java applications using Oracle Cloud Platform Services

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Agenda

- How customers manage their application environments?
- How can Oracle PaaS for Application Development help?
- Demo Application Container Cloud Service and integration with Developer Cloud Service
- Beyond Application Container





A simple application





A simple development process



How much capacity do you need to **optimally** develop and test your application?



On-premise dev & test issues has impact on Time To Market



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PaaS / IaaS Now Allows Resources to be Easily Provisioned

Past: Ops manually provisioned each layer



Today: Developers can provision entire stacks of hardware + software through REST API



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Automation – key enabler
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Oracle Application Development & Deployment Benefits

Instant setup Complete automation Multiple Programming Languages Continuous Delivery Any workload with JaaS



Oracle Application Container Cloud Service

A modern platform for lightweight application development



Messaging Cloud Service



Oracle Developer Cloud Service Bringing It All Together





Oracle Developer Cloud Service



Continuous Integration/Delivery Pipeline





Continuous Integration/Delivery Pipeline





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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 Last 24 hours 🔻 Show only failed attempts 📃

No attempts to create or delete application.



Create Application

ORACLE[®] Developer Cloud Service





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Application creation and deletion history



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Application creation and deletion history



Application creation and deletion history



JavaCro16 Employee Directory

Type the Name or Last Name of the employee

Q Search

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

New employee









Mobile Cloud Service





API Platform Cloud Service and Mobile

• API Platform CS

- API Platform is for the owners of the underlying backend IT systems to expose APIs for many uses cases (not mobile specific but mobile included)
- Specific application and audience: IT, Architects, Business for monetization
- Multiple uses across scenarios
- Multiple deployment models: API Platform CS will also live in the customers' own DMZ and also available on Amazon (gateway in Amazon, management is in our cloud)
- Future: monetization

• MCS

- Specific application and audience: Mobile App Developers
- Example of mBaaS:



Management Cloud Services



On-Premise



CLOUD



Windows Azure



Performance Monitoring



Log Analytics

Common Management Platform

I/T Analytics

admin (TestTenant1) *



What if you use Open Source?







| ORACLE | Cloud Marketplace | | Oracle Clo | loud Home 🛛 Resources 🐱 🤷 🏜 Cloud Admin |
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| mongoDB | MongoDB on OL 6 *****(0) Compute Cloud High-performance open se Pricing Free Tracle Cloud Marketplace Terr | Virtual Machines ource NoSQL database written in C Device Type Browser | ++ Demo 💽 | Get App > For questions or more information, contact the provider. (f) (V) (in) (2) (V) (V) |
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Container Cloud Service



- Create Instances as Needed
- Define Resource Pools
- Add Private Registries

- Edit Create New Services
- Compose Application Stacks
- Deploy Stacks with 1 Click
- Automated Deployment
- Multi-Host, Easy Scale Out
- Built in Service Discovery

- Integrated Health Checks
- Unified Dashboard
- Monitoring and Auditing



Transformational Technologies – Where YOU Want Them

On-Premises Traditional Infrastructure





Cloud Machines



Public Cloud IaaS, SaaS, PaaS



- Customer Data Center
- Purchased
- Customer Managed

- Customer Data Center
- Subscription
- Oracle Managed

- Oracle Cloud
- Subscription
- Oracle Managed



For More Information



cloud.oracle.com/acc cloud.oracle.com/java cloud.oracle.com/developer_service



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Integrated Cloud Applications & Platform Services

