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# ORACLE CLOUDWORLD

Modern Business in the Cloud



# Rapidly Build and Deploy Rich Applications with Oracle Cloud PaaS

Anand Kothari Director, Product Management, Oracle April 30, 2015



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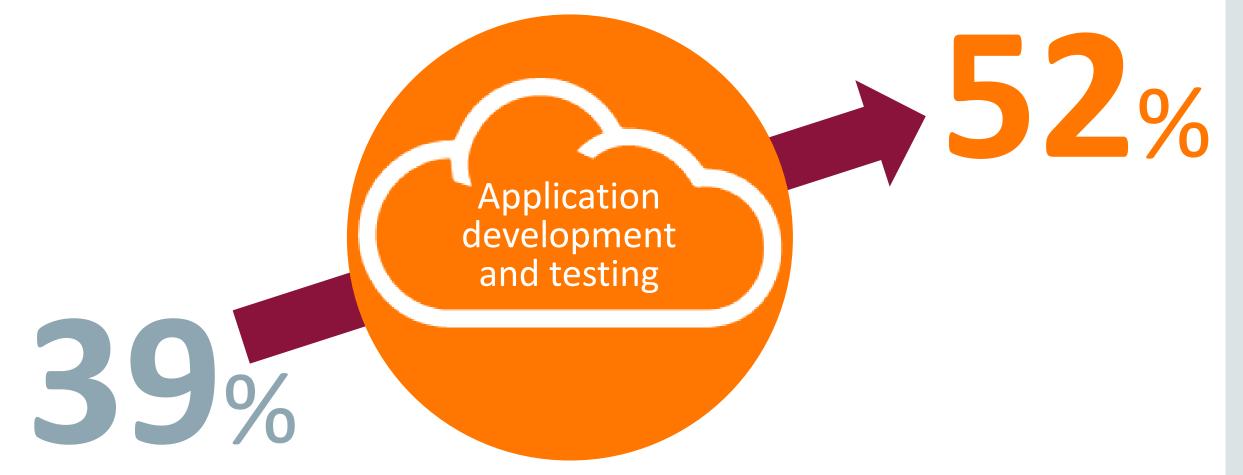


# Cloud and PaaS Adoption: On Fire!

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\*Source: Computerworld Strategic Marketing Services, February-March 2014 Cloud Survey \*\*Source: GigaOM Research and VC North Bridge Application Development & Testing in the Cloud The most adopted cloud use case in the next two years



Source: Computerworld Strategic Marketing Services, February-March 2014 Cloud Survey



# Why Develop and Deploy in the Cloud? Agility, Efficiency and Enrichment of Apps



Build Rich and High Performance Apps

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Mobile Enable Apps (mBaaS) & Build Native Mobile Apps

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|------------|--|
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Extend and Enrich SaaS Apps With PaaS



Lift and shift applications from on-premises to Cloud

## **Benefits:**

- Rapid environment set up & tear down
- Rapid application development & testing
- More frequent releases & better code
- Code reuse & zero learning curve
- Build once & deploy anywhere

### ORACLE

# Oracle PaaS for Apps Full portability between on-premises and cloud





# Build Rich and High Performance Apps

Pre-integrated development standards and technologies in the cloud

- Standards Based
  - REST APIs, Git, Maven, Hudson, Ant, etc.
- Built-in IDE Integration
  - Eclipse, NetBeans, JDeveloper
- Flexible Source Location
  - Hosted Git or GitHub
- Choice of Deployment Target
  - Oracle Java Cloud Service or on-premise



## ORACLE

# Mobile Enable Apps & Build Native Mobile Apps Mobile in the cloud

- Use pre-built mobile services
- Agnostic to client development tools
- Create & Expose New Services & APIs
- Integrated Security
- Analyze & measure business impact
- Built in continuous delivery SDLC



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# Extend and Enrich SaaS with PaaS



 Extend Oracle SaaS Apps – functionality, mobility, documents collaboration, business intelligence and 3<sup>rd</sup> party apps – with SSO and data from SaaS, on-premise and other apps



- Fusion SaaS Apps Installed Base
- LOB Owner of SaaS Apps, Apps IT, CIO, Business Analyst, Architect
- Enriching SaaS apps for specific business needs, multi-channel consumption and accessibility



**Value:** Personalize SaaS apps for your business

**Enrich SaaS** 

**Capabilities:** Instant provisioning, built-in integrations, seamless user experience, fully managed by Oracle

**Primary Services:** Java-SX CS , Developer CS, Database Schema CS

Additional Services: Mobile CS, Documents CS, Business Intelligence CS

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# Lift and Shift Applications Between On-premises and Cloud Develop Your Apps in the Cloud and Deploy On-Premises





Quickly provision application infrastructure.

On-Premises



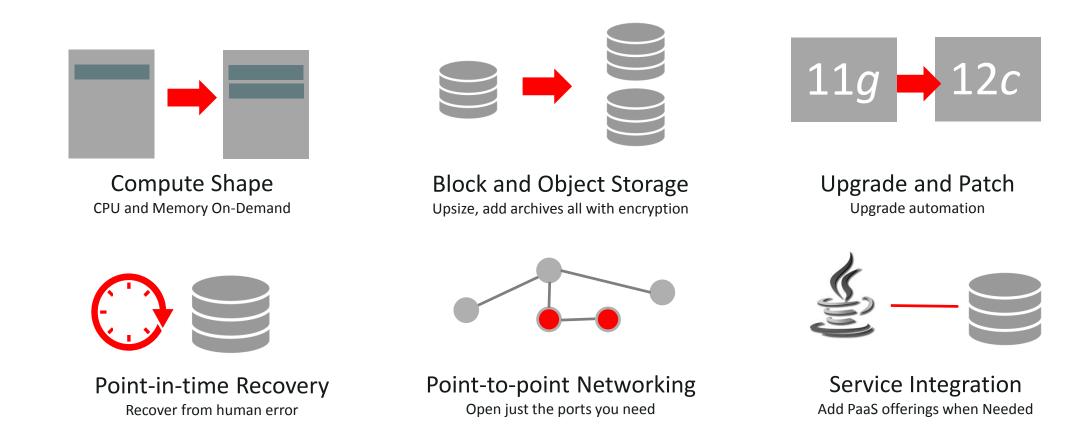
Easily move data and workloads with a few clicks.



**Oracle Cloud** 



## Oracle Cloud Platform as a Service Automated Infrastructure and Platform Administration

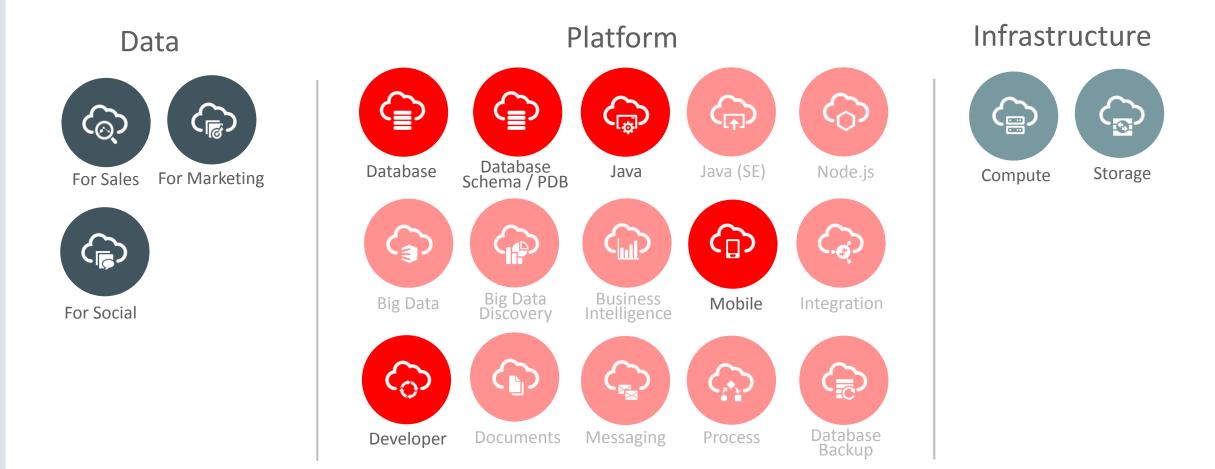


Robust automation reduces administrative time and promotes standardization improving manageability and availability



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## Oracle Cloud Complementary Services Large portfolio of services that augment and extend value



ORACLE

# **Oracle Database Cloud Service**

Your strategic database in the cloud



- Self-service database development and deployment platform with advanced cloud tools
- All the power and flexibility of the Oracle Database in the cloud
- Choice of management options, from self-managed to fullymanaged by Oracle
- Variety of database access methods including SQL\*Net, RESTful web services, Java, APEX and more
- Pre-configured for Java and Business Intelligence Cloud Services



# **Oracle Java Cloud Service**

Your platform for running business applications in the cloud

- Self-service application platform with advanced cloud tools
- Save time and cost with simplified provisioning
- Reduce down time: automated patching, backup, recovery
- Increase data and processing capacity on demand to scale for new business needs
- Optionally enable Oracle Coherence for caching and data grid functions and Oracle Traffic Director for load balancing
- Pre-configured for Database and Developer Cloud Services for complete cloud application management



### ORACLE

# Oracle Developer Cloud Service

## Simplifying development and collaboration in the cloud



## • Simplify Development

- Automated Provisioned Environment
- 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 & notifications
- Integrated with IDEs (JDeveloper, Eclipse, NetBeans)
- Deploy into Oracle Java Cloud Service automatically

## ORACLE<sup>®</sup>

# Oracle Mobile Cloud Service Build, manage and integrate mobile in the cloud

- Enterprise Mobile Backend-as-a-Service (mBaaS)
- Mobile APIs
- Sync, Push Notification, Object Storage, User Management
- Custom logic, data shaping and orchestration for custom and third party APIs
- Federated identity and integrated mobile security
- Rapidly connect and extend cloud, on-premise enterprise applications and business services
- **Primary Use Case:** Provide mobile APIs for mobile client applications running on any platform or device



## ORACLE<sup>®</sup>

# Demo: Rapid Application Development





## Modern Business. Modern Cloud.

Re-imagine your business with **Oracle Cloud applications** 



Transform your business with Oracle Cloud

Free 30-Day Trial

## Applications

## Platform

## Software as a Service

Modern cloud applications from Oracle help you re-imagine your business. The best-of-breed SaaS applications in Oracle Cloud are integrated with social, mobile, and analytic capabilities to help you deliver the experiences customers expect, the talent to

https://cloud.oracle.com/sign\_in Icceed, and the performance the market

#### **Customer Experience**

Marketing

Sales

Service

Configure, Price, and Quote

Commerce

Supply Chain Management

#### Human Capital Management

Global Human Resources

Talent Management

**Enterprise Resource Planning** 

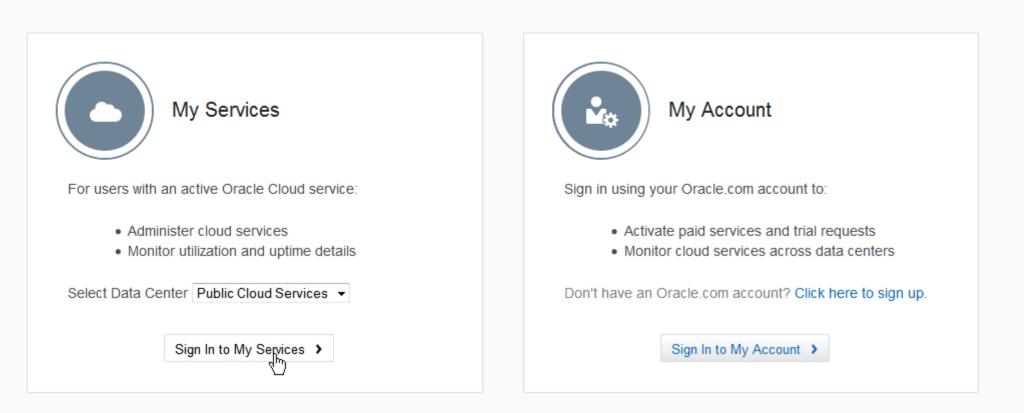
Financials

Marketplace

**Revenue Management** 

Accounting Hub Reporting







javascript:void(0);

#### Identity Self Service

For administrators and users with active Oracle Cloud PaaS, laaS or Planning and Budgeting services:

- Change your password
- · Update your challenge questions



#### Application Services Notifications

For users with active Enterprise Resource Planning, Human Capital Management and Sales and Marketing services:

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## Sign In to Oracle Cloud \* User Name jtrain\_user01 \* Password ...... ... ? \* Identity Domain Z16JCS7112619924 Forgot Password | Learn More Sign In k

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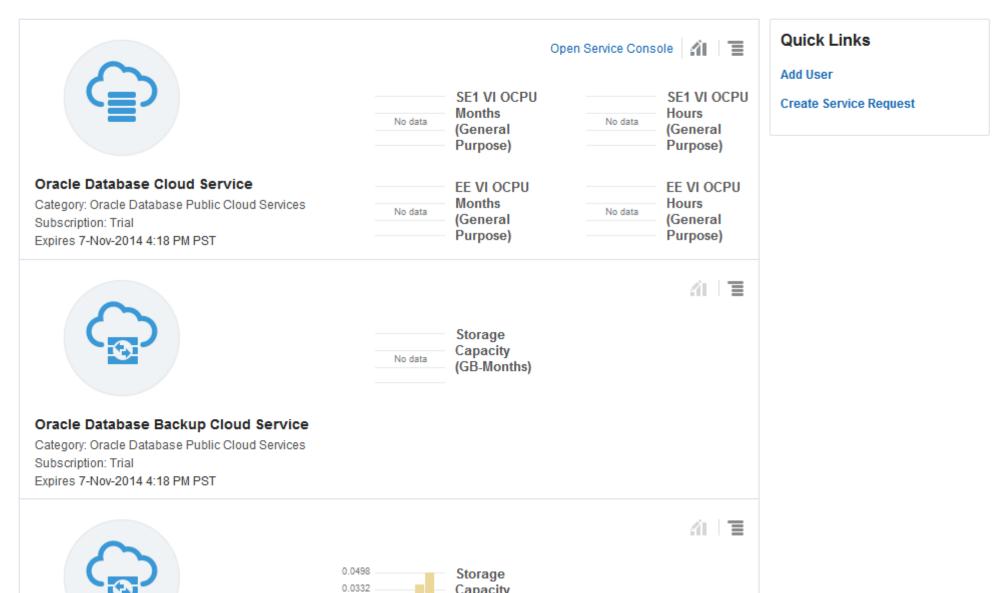
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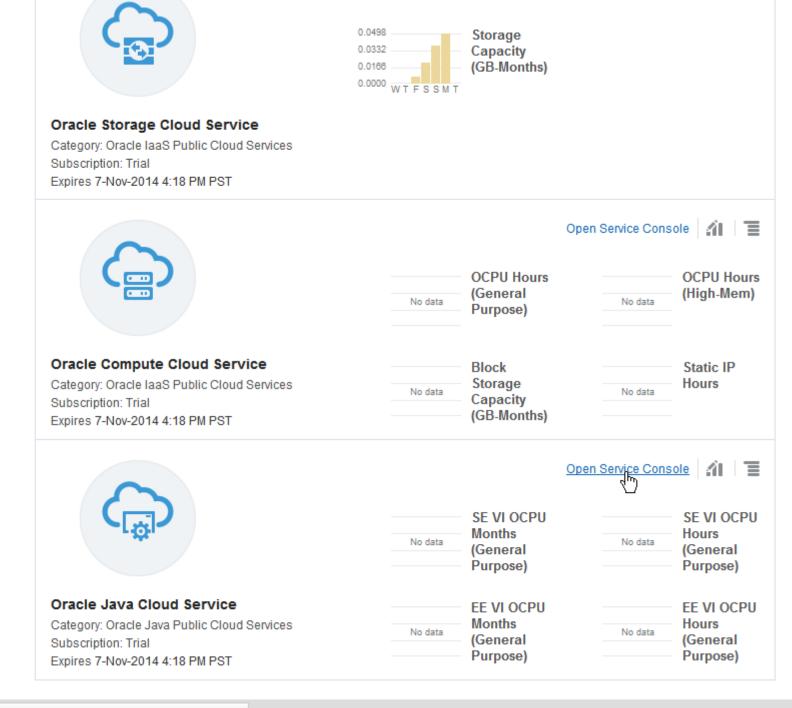


Dashboard 🛃 Users 🖉 C

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#### Dashboard 6





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Instances

Users C

Consoles

|                         | Oracle Java Cloud Service<br>Identity Domain: Z16JCS7112619924 |   |
|-------------------------|--|---|
|                         |  | As of 21-Oct-2014 12:54:21 AM UTC Refresh |
| INSTANCES               |  |   |
| Search by instance name | O.   | Create Instance                           |

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

.....







Instances

Users

Consoles 🏠

|                             | Oracle Java Cloud Service<br>Identity Domain: Z16JCS7112619924 |   |
|-----------------------------|--|---|
|                             |  | As of 21-Oct-2014 12:54:21 AM UTC Refresh |
| INSTANCES                   |  |   |
| Search by instance name     | Q  | <u>C</u> reate Instance                   |
| No service instances found. |  | 5   |

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

.....





Cancel





#### 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 Bow for t

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Pay for the number of hours used.



## ORACLE<sup>•</sup> Java Cloud Service

Cancel





#### Software Release

Previous

Select the software release to be installed on your instance.

#### Oracle WebLogic Server 11g (11.1.1.7)

WebLogic Server 10.3.6.0.8, Fusion Middleware 11.1.1.7 on Oracle Linux 6.4

#### Oracle WebLogic Server 12c (12.1.2.0)

WebLogic Server and Fusion Middleware 12.1.2.0.2 on Oracle Linux 6.4 ٠



Cancel







#### Software Edition

Previous

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

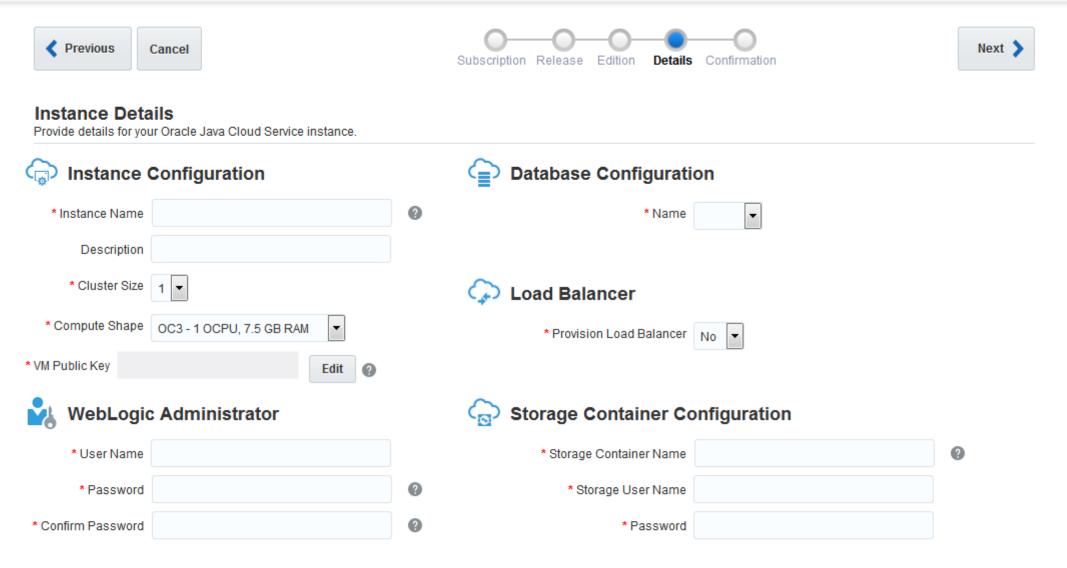


#### Enterprise Edition with Coherence

Oracle WebLogic Server 12c (12.1.2.0) on Oracle Linux 6.4 .....



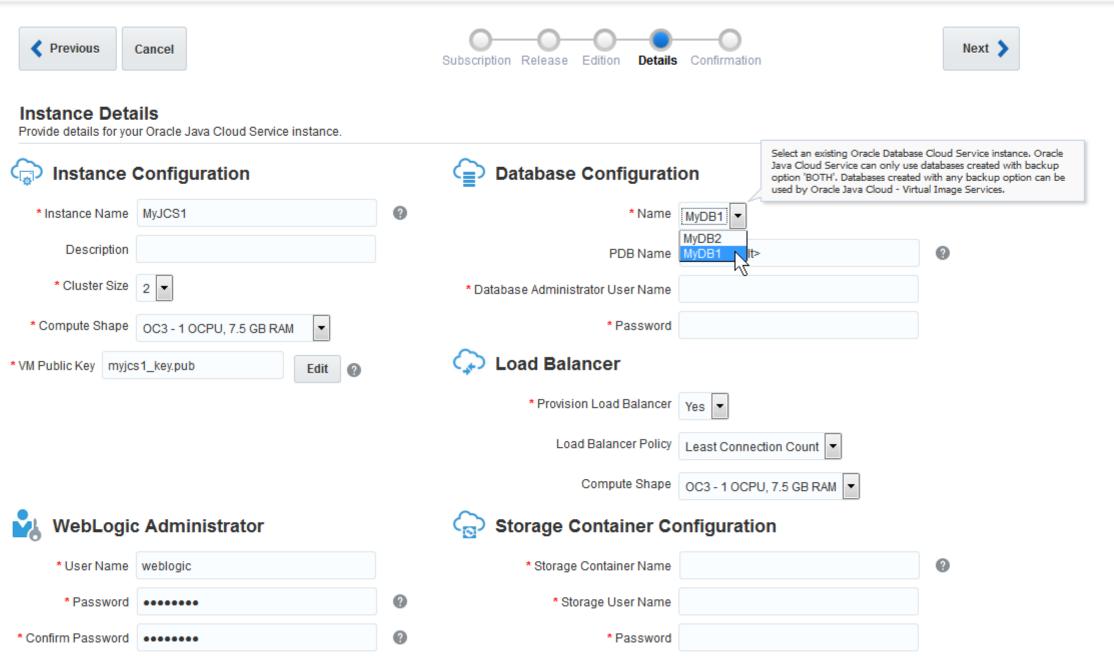
## ORACLE<sup>•</sup> Java Cloud Service



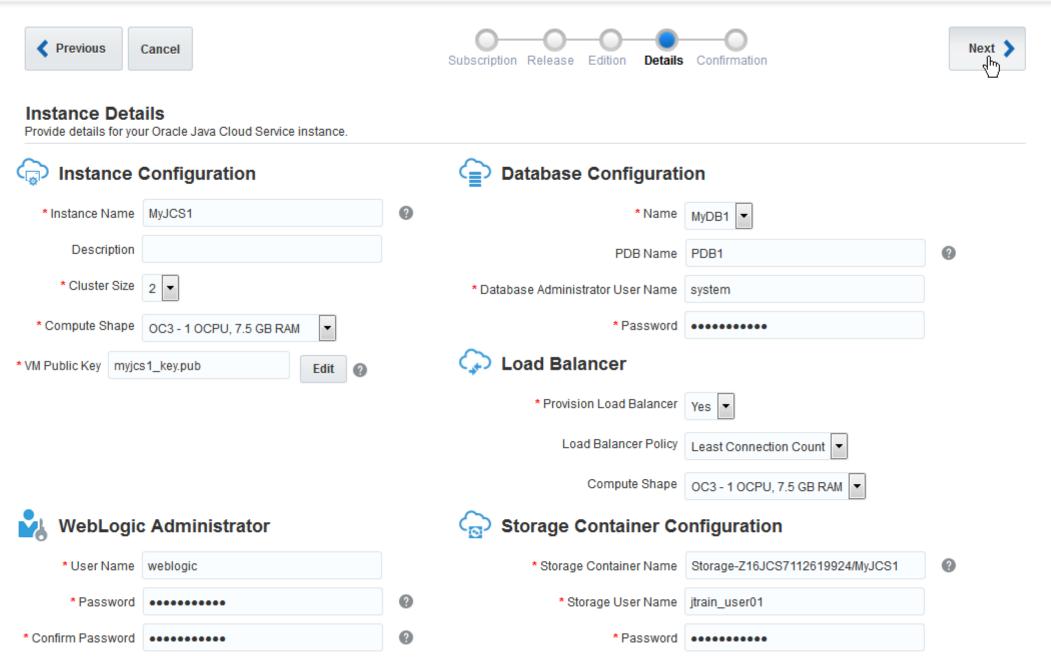
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## ORACLE' Java Cloud Service

Live Chat | Contact Us



## ORACLE' Java Cloud Service









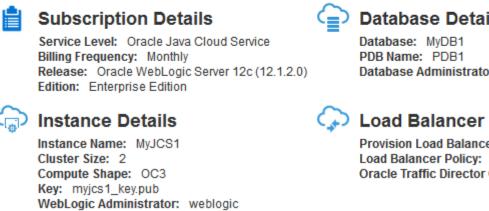


#### Confirmation

Previous

Confirm your selections and create your instance.

Cancel



#### **Database Details**

Database Administrator User Name: system

Provision Load Balancer: Yes Load Balancer Policy: LEAST\_CONNECTION\_COUNT Oracle Traffic Director Compute Shape: OC3

### **Storage Details**

Storage Container Name: Storage-Z16JCS7112619924/MyJCS1 Storage User Name: jtrain\_user01

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Instances

OCPUs: 3

Memory: 22.5 GB

Storage: 101 GB

🗳 Users 🛛 🏠 Consoles

|                         | le Java Cloud Serv<br>Domain: Z16JCS7112619924 |         |                 | o of 21 Oct 2014 12:54:21 AMUTO Defreeb  |
|-------------------------|--|---------|-----------------|--|
|                         |  |         | 4               | s of 21-Oct-2014 12:54:21 AM UTC Refresh |
| INSTANCES               | OCPUs  | Memory  | Storage         | PUBLIC IPs                               |
| 1                       | 3  | 22.5 GB | <b>101.0</b> GB | 3  |
| INSTANCES               |  |         |                 |  |
| Search by instance name | 0  |         |                 | <u>C</u> reate Instance                  |
|                         |  |         |                 |  |

MyJC S1 Verstor: 12.1.2.0 Edition: Enterprise Edition

Nodes: 3 Load Balancer: Configured Created On: 09-Oct-2014 2:39 AM UTC

Failed attempts to create an instance in the last 7 days

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Consoles

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| Instances > MyJCS1                       | Web |          | er Version: 12.1.2                                  |   | <b>rice)</b><br>Session Name: Bulk F | Request JCS U1-5           |                                     | Ξ           |
|--|-----|----------|---|---|--------------------------------------|----------------------------|-------------------------------------|-------------|
| OVERVIEW                                 |     |          |   |   |                                      | As of 21-Oct-20            |                                     |             |
| average response time: n/a               | N   | IODES    | OCPUs   | MEMORY  | STORAGE                              | PUBLIC IPs                 | HEAP U                              | JSAGE       |
|  | •   | 3        | 3   | 22.5 GB   | <b>101</b> GB                        | 3                          |                                     |             |
| 3  |     | R        |   |   |                                      |                            |                                     |             |
| nodes                                    | Vir | tual Mac | hines   |   |                                      | Click the icon to retrieve | monitoring info                     | ormation. 🄅 |
| ADMINISTRATION<br>0<br>patches available |     |          |   | Server Domain: MyJ<br>r: MyJCS1_server_<br>152.149.73 |                                      |                            | OCPUs: 1<br>Memory: 7<br>Storage: 4 | .5 GB       |
| 20-Oct-2014 3:10 PM UTC<br>last backup   |     |          | Managed Serve<br>Host: myjcs1-w                     | r: MyJCS1_server_/<br>/ls-2                           | 2                                    |                            | OCPUs: 1<br>Memory: 7<br>Storage: 2 | .5 GB       |
| TOPOLOGY                                 |     |          |   |   |                                      |                            |                                     |             |
| 3<br>nodes                               | Þ   | <u> </u> | Load Balancer<br>Public IP: 129.<br>Host: myjcs1-ll |   |                                      |                            | OCPUs: 1<br>Memory: 7<br>Sterage: 2 | .5 GB       |
| load balancer enabled                    |     |          |   | nt: http://129.152.14                                 | 47.65:8080                           |                            | Storage: 2                          | I GB        |

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Instances

Users 💕

jtrain\_user01 🔻

Consoles

| nstances > MyJCS1                                  | MyJCS1 (Oracle Java Cloud Service)<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated Service, Session Name: Bulk Request JCS U1-5  |                     |
|--|--|---------------------|
| OVERVIEW<br>average response time: n/a             | BACKUP       PATCHING       LOAD BALANCER         Image: State of the sta                                    | JTC <u>R</u> efrest |
| 3  | UTC) Last Successful Backup 🔗 20-Oct-2014 3:10 PM UTC <u>C</u> onfigure Backups  | ck Up Now           |
| nodes  | Available Backups  |                     |
| ADMINISTRATION<br>0<br>patches available           | 20-Oct-2014 3:10 PM UTC       Contains: Laster Contains: | I                   |
| 20-Oct-2014 3:10 PM UTC<br>last backup<br>TOPOLOGY | 19-Oct-2014 3:10 PM UTC         Type: Incremental, scheduled         Available Until: 18-Nov-2014 3:10 PM UTC         Location: Disk   | Ξ                   |
| 3<br>nodes<br>load balancer enabled                | 18-Oct-2014 3:10 PM UTC         Type: Incremental, scheduled         Available Until: 17-Nov-2014 3:10 PM UTC         Location: Disk   | Ξ                   |

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Instances

Consoles

Users

| Instances > MyJCS1         |   |                        |                        |
|----------------------------|---|------------------------|------------------------|
| $\sim$                     | MyJCS1 (Oracle Java Cloud Service)           WebLogic Server Version:         12.1.2.0           Description:         Auto Generated Service, Session Name: Bulk Request JC | S U1-5                 | Ξ                      |
|                            | Configure Backups >   | <                      |                        |
|                            | Schedule<br>* Full Backup Thursday  3  .10  PM  UTC   |                        |                        |
| OVERVIEW                   |   |                        |                        |
| average response time: n/a | *Incremental Backup 3 💌 :10 💌 PM 💌 UTC  |                        |                        |
|                            |   | of 21-Oct-2014 1:03:17 | AM UTC <u>R</u> efresh |
| 3                          | Oracle Storage Cloud Service Account Details<br>Backups older than seven days old are stored in this account.   | Configure Backups      | Back Up Now            |
| nodes                      | backups older man seven days old are stored in this account.  |                        |                        |
|                            | * Storage Container Storage-Z16JCS7112619924/MyJCS1   |                        |                        |
| ADMINISTRATION             | * User Name jtrain_user01   |                        |                        |
| 0                          |   | )=                     | Ξ                      |
| patches available          | * Password  |                        | =                      |
|                            | * Default Retention (days) 30   |                        |                        |
| 20-Oct-2014 3:10 PM UTC    |   |                        |                        |
| last backup                | Save Cancel   |                        | _                      |
| TOPOLOGY                   | Available Until: 18-Nov-2014 3:10 PM UTC Notes:   | -                      | Ξ                      |
| 3                          | Location: Disk  |                        |                        |
| nodes                      |   |                        |                        |
|                            | 18-Oct-2014 3:10 PM UTC   |                        |                        |
| load balancer enabled      | Type: Incremental, scheduled Contains:<br>Available Until: 17-Nov-2014 3:10 PM UTC Notes:   | 62                     | E                      |
|                            | Location: Disk  |                        |                        |

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| Instances > MyJCS1                                      |                                  |  |                    |                           |                          |
|---|----------------------------------|--|--------------------|---------------------------|--------------------------|
|   | WebLogic Server Version: 12.     | ava Cloud Service)<br>1.2.0<br>to Generated Service, Session Name: Bulk          | Request J(         | CS U1-5                   | Ξ                        |
| OVERVIEW  | BACKUP PATCHING                  | LOAD BALANCER  |                    |                           |                          |
| average response time: n/a                              |                                  | 3:10 PM UTC (Full backup every Thu at 3:10                                       | 0 PM               | As of 21-Oct-2014 1:03:17 | 7 AM UTC <u>R</u> efresh |
| 3<br>nodes  | UTC)<br>Last Successful Backup 🤗 | 20-Oct-2014 3:10 PM UTC  |                    | <u>C</u> onfigure Backups | Back Up Now              |
| nodes   | Available Backups                |  |                    |                           | U                        |
| ADMINISTRATION<br>0<br>patches available                | Type: Increm                     | <b>4 3:10 PM UTC</b><br>nental, scheduled<br>till: 19-Nov-2014 3:10 PM UTC<br>sk | Contains<br>Notes: | 82                        | Ξ                        |
| 20-Oct-2014 3:10 PM UTC<br>last backup<br>TOPOLOGY<br>3 | Type: Increm                     | <b>4 3:10 PM UTC</b><br>nental, scheduled<br>til: 18-Nov-2014 3:10 PM UTC<br>sk  | Contains<br>Notes: | 82                        | Ξ                        |
| nodes<br>load balancer enabled                          | Type: Increm                     | <b>4 3:10 PM UTC</b><br>nental, scheduled<br>till: 17-Nov-2014 3:10 PM UTC<br>sk | Contains<br>Notes: | : 83                      | Ξ                        |

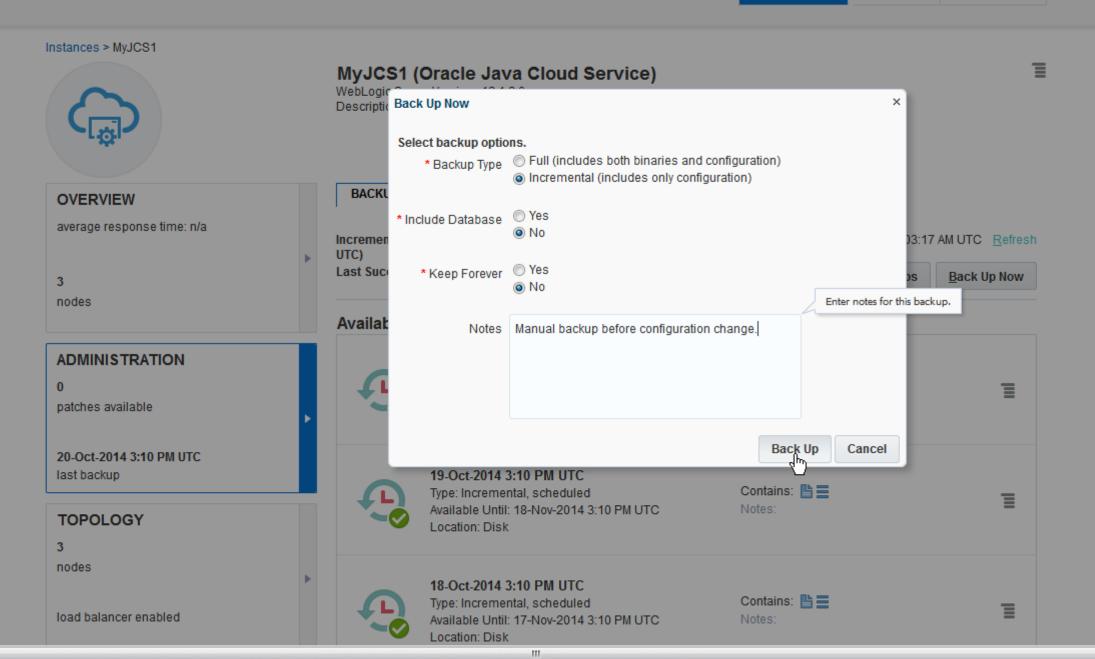
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Instances

Consoles

Users



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Instances > MyJCS1

Instances Users

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|  | MyJCS1 (Oracle Java Cloud Service)<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated Service, Session Name: Bulk Request.  | JCS U1-5                                    | Ξ   |
|--|--|---|---|
| OVERVIEW                                 | BACKUP PATCHING LOAD BALANCER  |   |   |
| average response time: n/a 3 nodes       | Incremental backup daily at 3:10 PM UTC (Full backup every Thu at 3:10 PM UTC)<br>Last Successful Backup 🧭 20-Oct-2014 3:10 PM UTC   | As of 21-Oct-2014 1:07:06 Configure Backups | 6 AM UTC <u>R</u> efresh<br><u>B</u> ack Up Now |
| noues                                    | Available Backups  |   |   |
| ADMINISTRATION<br>0<br>patches available | 21-Oct-2014 1:07 AM UTC       Contains         Type: Incremental, jtrain_user01       Notes: M         Available Until: 20-Nov-2014 1:07 AM UTC       Configuration         Location: Disk       Contains                    | lanual backup before                        | Backing<br>up                                   |
| Backing up TOPOLOGY 3                    | 20-Oct-2014 3:10 PM UTC       Contains         Type: Incremental, scheduled       Available Until: 19-Nov-2014 3:10 PM UTC         Available Until: 19-Nov-2014 3:10 PM UTC       Notes:         Location: Disk       Notes: | : 82  | Ξ   |
| nodes                                    | 19-Oct-2014 3:10 PM UTC       Contains         Type: Incremental, scheduled       Contains         Available Until: 18-Nov-2014 3:10 PM UTC       Notes:         Location: Disk       Notes:                                 | s: 💾 🚍                                      | Ξ   |



Users

Instances

Consoles

| Instances > MyJCS1                                      |                               | I <b>(Oracle Java Cloud Service)</b><br>erver Version: 12.1.2.0<br>Auto Generated Service, Session Name                              | Bulk Request                     | JCS U1-5                  |                         |
|---|-------------------------------|--|----------------------------------|---------------------------|-------------------------|
| OVERVIEW<br>average response time: n/a                  | BACKUP<br>Incremental<br>UTC) | PATCHING LOAD BALANCER<br>backup daily at 3:10 PM UTC (Full backup every Thu   | at 3:10 PM                       | As of 21-Oct-2014 1:38:03 | 3 AM UTC <u>R</u> efres |
| 3   | Last Succes                   | ssful Backup 🧭 21-Oct-2014 1:07 AM UTC   |                                  | Configure Backups         | Back Up Now             |
| nodes   | Available                     | Backups  |                                  |                           |                         |
| ADMINISTRATION<br>0<br>patches available                | ,                             | 21-Oct-2014 1:07 AM UTC<br>Type: Incremental, jtrain_user01<br>Available Until: 20-Nov-2014 1:07 AM UTC<br>Location: Disk            | Contain:<br>Notes: N<br>configur | lanual backup before      | Ξ                       |
| 21-Oct-2014 1:07 AM UTC<br>last backup<br>TOPOLOGY<br>3 |                               | 20-Oct-2014 3:10 PM UTC<br>Type: Incremental, scheduled<br>Available Until: 19-Nov-2014 3:10 PM UTC<br>Location: Disk                | Contain:<br>Notes:               | S: 💾 🚍                    | Ξ                       |
| onodes<br>load balancer enabled                         |                               | <b>19-Oct-2014 3:10 PM UTC</b><br>Type: Incremental, scheduled<br>Available Until: <b>1</b> 8-Nov-2014 3:10 PM UTC<br>Location: Disk | Contain:<br>Notes:               | S: 💾 🚍                    | Ξ                       |

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Consoles

Users 💕

| nstances > MyJCS1                                  | We          | <b>IyJCS1 (Oracle Java Cloud Service)</b><br>ebLogic Server Version: 12.1.2.0<br>escription: Auto Generated Service, Session Name: B | Bulk Request JCS U1-5                              |                             |
|--|-------------|--|--|-----------------------------|
| OVERVIEW   |             | BACKUP PATCHING LOAD BALANCER  |  |                             |
| average response time: n/a                         |             | cremental backup daily at 3:10 PM UTC (Full backup every Thu at  | 3:10 PM As of 21-Oct-2014 1:                       | 38:03 AM UTC <u>R</u> efres |
| 3  | ► UT<br>La: | c)<br>st Successful Backup 🧭 21-Oct-2014 1:07 AM UTC   | <u>C</u> onfigure Backu                            | bs <u>B</u> ack Up Now      |
| nodes  | A           | vailable Backups   |  |                             |
| ADMINISTRATION<br>0<br>patches available           | •           | 21-Oct-2014 1:07 AM UTC<br>Type: Incremental, jtrain_user01<br>Available Until: 20-Nov-2014 1:07 AM UTC<br>Location: Disk            | Contains:  Notes: Manual backup before configurati | Reg                         |
| 21-Oct-2014 1:07 AM UTC<br>last backup<br>TOPOLOGY |             | 20-Oct-2014 3:10 PM UTC<br>Type: Incremental, scheduled<br>Available Until: 19-Nov-2014 3:10 PM UTC<br>Location: Disk                | Contains: 🖹 🚍<br>Notes:                            |                             |
| 3<br>nodes   | •           | 19-Oct-2014 3:10 PM UTC<br>Type: Incremental, scheduled  | Contains: 🕒 🚍                                      | Ξ                           |

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**W** Users

Instances

jtrain\_user01 🔻

Consoles

| MyJCS1                                   |             | (Oracle Java Cloud Service)<br>ver Version: 12.1.2.0<br>Auto Generated Service, Session Name  | : Bulk Request JCS U1-5   |                         |
|--|-------------|---|---|-------------------------|
| OVERVIEW<br>average response time: n/a   | ▶ UTC)      | PATCHING LOAD BALANCER  | at 3:10 PM As of 21-Oct-2014 1:38:0<br><u>Configure Backups</u> | 3 AM UTC <u>R</u> efres |
| ADMINISTRATION<br>0<br>patches available | Available B | Backups<br>21-Oct-2014 1:07 AM UTC<br>Type: Incremental, jtrain_user01<br>Available Until: 20-Nov-2014 1:07 AM UTC                      | Contains:  Notes: Manual backup before configurati              | Ξ                       |
| 21-Oct-2014 1:07 AM UTC<br>ast backup    |             | Location: Disk<br>20-Oct-2014 3:10 PM UTC<br>Type: Incremental, scheduled<br>Available Until: 19-Nov-2014 3:10 PM UTC<br>Location: Disk | Contains: 🖹 🚍<br>Notes:   | =                       |
| )<br>nodes<br>oad balancer enabled       | ,           | <b>19-Oct-2014 3:10 PM UTC</b><br>Type: Incremental, scheduled<br>Available Until: 18-Nov-2014 3:10 PM UTC<br>Location: Disk            | Contains: 皆 🚍<br>Notes:   | Ξ                       |

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s Consoles

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| Instances > MyJCS1                       | MyJCS1 (Oracle Java Cloud Service)<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated Service, Session Name: Bulk Request JCS U1-5     | Ξ                    |
|--|---|----------------------|
| OVERVIEW<br>average response time: n/a   | BACKUP PATCHING LOAD BALANCER<br>As of 21-Oct-2014 1:07:31 A<br>Available Patches   | MUTC <u>R</u> efresh |
| 3<br>nodes                               | JDK Update 1.7.0_70         Release Date: 14-Jan-2014 8:00 AM GMT           Readme File         Affected Component: JDK           Requires Restart: Yes | Patch Now            |
|  | ■ A Patch History   |                      |
| ADMINISTRATION<br>0<br>patches available | 12.1.2.0.2<br>Readme File     Patched By: weblogic on 23-Jul-2014 12:23 AM G<br>Notes: Need latest patch to keep inst                                   | Rollback             |
| 20-Oct-2014 3:10 PM UTC<br>last backup   |   |                      |
| TOPOLOGY                                 |   |                      |
| 3<br>nodes                               |   |                      |
| load balancer enabled                    |   |                      |

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Users Consoles

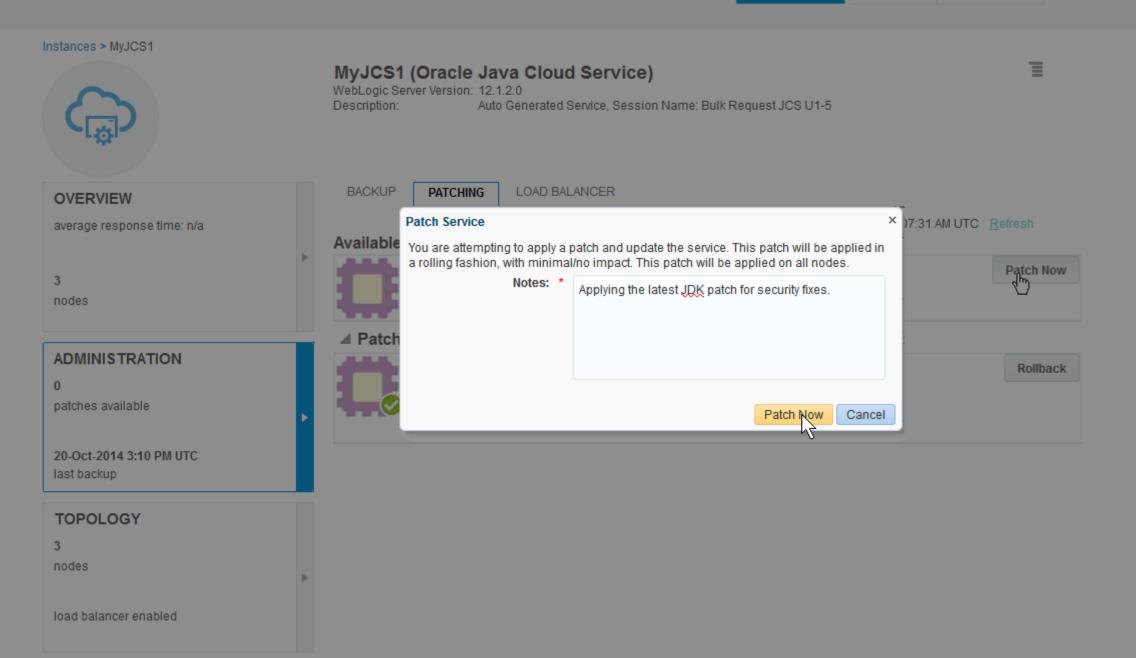
| Instances > MyJCS1                       | MyJCS1 (Oracle Java Cloud<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated S | <b>d Service)</b><br>Service, Session Name: Bulk Request JCS U1-5                         | Ξ                    |
|--|---|---|----------------------|
| OVERVIEW                                 | BACKUP PATCHING LOAD BAL  | ANCER   |                      |
| average response time: n/a               | Available Patches   | As of 21-Oct-2014 1:07:31 A   | MUTC <u>R</u> efresh |
| 3<br>nodes                               | JDK Update 1.7.0_70<br>Readme File  | Release Date: 14-Jan-2014 8:00 AM GMT<br>Affected Component: JDK<br>Requires Restart: Yes | Patch Now            |
|  | Patch History   |   |                      |
| ADMINISTRATION<br>0<br>patches available | 12.1.2.0.2<br>Readme File   | Patched By: weblogic on 23-Jul-2014 12:23 AM G<br>Notes: Need latest patch to keep inst   | Rollback             |
| 20-Oct-2014 3:10 PM UTC<br>last backup   |   |   |                      |
| TOPOLOGY                                 |   |   |                      |
| 3<br>nodes                               | •   |   |                      |
| load balancer enabled                    |   |   |                      |

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Users







| Instances > MyJCS1                       |   |   |                     |
|--|---|---|---------------------|
|  | MyJCS1 (Oracle Java Cloud S<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated Ser | Service)<br>rvice, Session Name: Bulk Request JCS U1-5                                    | Ξ                   |
| OVERVIEW                                 | BACKUP PATCHING LOAD BALAN  | NCER  |                     |
| average response time: n/a               | Available Patches   | As of 21-Oct-2014 1:07:31 AM  | UTC <u>R</u> efresh |
| 3<br>nodes                               | JDK Update 1.7.0_70<br>Readme File  | Release Date: 14-Jan-2014 8:00 AM GMT<br>Affected Component: JDK<br>Requires Restart: Yes | Patch Now           |
|  | Patch History   |   |                     |
| ADMINISTRATION<br>0<br>patches available | 12.1.2.0.2<br>Readme File   | Patched By: weblogic on 23-Jul-2014 12:23 AM G<br>Notes: Need latest patch to keep inst   | Rollback            |
| 20-Oct-2014 3:10 PM UTC<br>last backup   |   |   |                     |
| TOPOLOGY                                 |   |   |                     |
| 3<br>nodes                               |   |   |                     |
| load balancer enabled                    |   |   |                     |

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| Instances > MyJCS1                       | MyJCS1 (Oracle Java Clou<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated | Id Service)<br>I Service, Session Name: Bulk Request JCS U1-5                             | Ξ            |
|--|--|---|--------------|
| OVERVIEW<br>average response time: n/a   | BACKUP PATCHING LOAD B   | ALANCER<br>As of 21-Oct-2014 1:07:31 AI   | AUTC Refresh |
| average response unie. Ina               | Available Patches  | AB 0121 0012014 1.01.01A  |              |
| 3<br>nodes                               | JDK Update 1.7.0_70<br>Readme File   | Release Date: 14-Jan-2014 8:00 AM GMT<br>Affected Component: JDK<br>Requires Restart: Yes | Patch Now    |
|  | ⊿ Patch History  |   |              |
| ADMINISTRATION<br>0<br>patches available | 12.1.2.0.2<br>Readme File  | Patched By: weblogic on 23-Jul-2014 12:23 AM G<br>Notes: Need latest patch to keep inst   | Rollback     |
| 20-Oct-2014 3:10 PM UTC<br>last backup   |  |   |              |
| TOPOLOGY                                 |  |   |              |
| 3<br>nodes 🖑                             | •  |   |              |
| load balancer enabled                    |  |   |              |

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| Instances > MyJCS1                     | MyJCS1 (Oracle Java Cloud Service)<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated Service, Session Name: Bu | Ik Request JCS U1-5                                |
|--|--|--|
| OVERVIEW                               |  | As of 21-Oct-2014 1:42:59 AM UTC Refresh           |
| average response time: n/a             |  | Click the icon to retrieve monitoring information. |
| •                                      | CLUSTER: MyJCS1_d_cluster  | Add <u>N</u> ode<br>رہا <i>ہ</i>                   |
| 3<br>nodes                             | Administration Server Domain: MyJCS1_domain<br>Managed Server: MyJCS1_server_1<br>Public IP: 129.152.149.73                      | OCPUs: 1<br>Memory: 7.5 GB<br>Storage: 47 GB       |
| ADMINISTRATION                         |  |  |
| 0<br>patches available                 | CLUSTER: Newcluster1   | Add <u>N</u> ode                                   |
| 21-Oct-2014 1:07 AM UTC<br>last backup | Managed Server: MyJCS1_server_2<br>Host: myjcs1-wls-2  | OCPUs: 1<br>Memory: 7.5 GB<br>Storage: 27 GB       |
| TOPOLOGY                               |  |  |
| 3<br>nodes                             | Load Balancer<br>Public IP: 129.152.147.65<br>Host: myjcs1-Ib-1<br>Content endpoint: http://129.152.147.65:8080                  | OCPUs: 1<br>Memory: 7.5 GB<br>Storage: 27 GB       |
| load balancer enabled                  |  |  |



| Instances > MyJCS1                       | MyJCS1 (Oracle Java Cloud Service)<br>WebLogic Server Version: 12.1.2.0<br>Description: Auto Generated Service, Session Name: Bulk Request JCS U1-5 | Ξ  |
|--|---|--|
| OVERVIEW<br>average response time: n/a   | As of 21-Oct-2014 1:4<br>Click the icon to retrieve mon   | 42:59 AM UTC <u>R</u> efresh<br>itoring information. |
| 3<br>nodes                               | CLUSTER: MyJCS1_d_cluster  Administration Server Domain: MyJCS1_domain  Managed Server: MyJCS1_server_1  Public IP: 129.152.149.73  Storage:        | 7.5 GB   |
| ADMINISTRATION<br>0<br>patches available | CLUSTER: Newcluster1  | Add <u>N</u> ode                                     |
| 21-Oct-2014 1:07 AM UTC<br>last backup   | Managed Server: MyJCS1_server_2 OCPUs:<br>Host: myjcs1-wls-2 Memory:<br>Storage:  | 7.5 GB   |
| TOPOLOGY<br>3<br>nodes                   | Public IP: 129.152.147.65 M   | OCPUs: 1<br>emory: 7.5 GB<br>torage: 27 GB           |
| load balancer enabled                    |   |  |

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| Instances > MyJCS1  |   |          | Dracle Java Cloud Service)<br>r Version: 12.1.2.0<br>Auto Generated Service, Session Name: Bul                  | k Request JCS U1-5                           | Ξ                |
|---|---|----------|---|--|------------------|
| OVERVIEW  |   |          |   | As of 21-Oct-2014 1:42:59 AM                 |                  |
| average response time: n/a                                  |   |          |   | Click the icon to retrieve monitoring in     |                  |
|   | • | CLUSTER: | MyJCS1_d_cluster  |  | Add <u>N</u> ode |
| 3<br>nodes  |   |          | Administration Server Domain: MyJCS1_domain<br>Managed Server: MyJCS1_server_1<br>Public IP: 129.152.149.73     | OCPUs: 1<br>Memory: 7.5 GB<br>Storage: 47 GB |                  |
| ADMINISTRATION  |   |          |   |  |                  |
| 0   |   | CLUSTER: | Newcluster1   |  | Add <u>N</u> ode |
| patches available<br>21-Oct-2014 1:07 AM UTC<br>last backup | Þ |          | Managed Server: MyJCS1_server_2<br>Host: myjcs1-wls-2   | OCPUs: 1<br>Memory: 7.5 GB<br>Storage: 27 GB | Ξ                |
| TOPOLOGY  |   |          |   |  |                  |
| 3<br>nodes  | × | -        | Load Balancer<br>Public IP: 129.152.147.65<br>Host: myjcs1-lb-1<br>Content endpoint: http://129.152.147.65:8080 | OCPUs:<br>Memory:<br>Storage:                | 7.5 GB           |
| load balancer enabled                                       |   |          | Content enapoint - mp.ir 123, 132, 147, 03,0000   |  |                  |

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Storage: 101 GB

Users Consoles

|  | <b>cle Java Cloud Servi</b><br>y Domain: Z16JCS7112619924 | ce      |          |  |                   |
|--|---|---------|----------|--|-------------------|
|  |   |         |          | As of 21-Oct-2014 1:45:26 AM UT                | C <u>R</u> efresh |
| INSTANCES  | OCPUs   | Memory  | Storage  | PUBLIC IPs                                     |                   |
| 1  | 3   | 22.5 GB | 101.0 дв | 3  |                   |
| INSTANCES  |   |         |          |  |                   |
| Search by instance name                                    | 0   |         |          | <u>C</u> reate                                 | Instance          |
| MyJC S1<br>Version: 12.1.2.0<br>Edition: Enterprise Editio | Nodes: 3<br>Load Balancer: Conf                           |         |          | OCPUs: 3<br>Memory: 22.5 GB<br>Storage: 101 GB | T.                |

Version: 12.1.2.0 Edition: Enterprise Edition

Nodes: 3 Load Balancer: Configured Created On: 09-Oct-2014 2:39 AM UTC

Failed attempts to create an instance in the last 7 days

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🗳 Users 🛛 🏠 Consoles

|  | le Java Cloud Servi<br>Domain: Z16JCS7112619924         | ce      | ۵        | s of 21-Oct-2014 1:45:26 AM UTC <b>Refres</b> t                              |
|--|---|---------|----------|--|
| INSTANCES  | OCPUs   | Memory  | Storage  | PUBLIC IPs   |
| 1  | 3   | 22.5 GB | 101.0 дв | 3  |
| NSTANCES<br>Search by instance name                        | Q   |         |          | <u>C</u> reate Instance  |
| MyJCS1<br>Version: 12.1.2.0<br>Edition: Enterprise Edition | Nodes: 3<br>Load Balancer: Cont<br>Created On: 09-Oct-2 |         | Open Fus | bLogic Server Console<br>ion Middlewwe Control Console<br>d Balancer Console |

Failed attempts to create an instance in the last 7 days

## **ORACLE**' WebLogic Server Administration Console 12c



#### Welcome

Login

Log in to work with the WebLogic Server domain

| · · · · · · · |    | - |    | - |   |    |
|---------------|----|---|----|---|---|----|
|               | JS | e | rn | а | m | e: |
|               |    |   |    |   |   |    |

Password:

2

WebLogic Server Version: 12.1.2.0.0 Copyright © 1996,2013, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

## **ORACLE**' WebLogic Server Administration Console 12c



#### Welcome

Log in to work with the WebLogic Server domain
Username: weblogic
Password:
Login

WebLogic Server Version: 12.1.2.0.0 Copyright © 1996,2013, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

|   | 🔒 Home Log Out Preferences 🔤 Record Help | Q   | Welcome, weblogic Connected to: ExampleH_doma   |
|---|--|---|---|
| hange Center  |  | <u> </u>  | welcome, weblogic   connected to. Exampleh_doma |
| iew changes and restarts  | Home                                     |   |   |
| lick the Lock & Edit button to modify, add or elete items in this domain. | Home Page                                |   |   |
| Lock & Edit   | - Information and Resources              |   |   |
| Release Configuration   | Helpful Tools                            | General Information   |   |
| Nelease Conliguration   | Configure applications                   | <ul> <li>Common Administration Task Descriptions</li> </ul> |   |
| omain Structure   | Configure GridLink for RAC Data Source   | <ul> <li>Read the documentation</li> </ul>                  |   |
| kampleH_domain  | Configure a Dynamic Cluster              | <ul> <li>Ask a question on My Oracle Support</li> </ul>     |   |
| Environment   | <ul> <li>Recent Task Status</li> </ul>   |   |   |
| Deployments   | Set your console preferences             |   |   |
| Services<br>Security Realms   | Orade Enterprise Manager                 |   |   |
| -Interoperability   |  |   |   |
| Diagnostics   | — Domain Configurations                  |   |   |
|   | Domain                                   | Services  | Interoperability                                |
|   | Domain                                   | Messaging   | WTC Servers                                     |
|   |  | <ul> <li>JMS Servers</li> </ul>                             | Jolt Connection Pools                           |
|   | Environment                              | <ul> <li>Store-and-Forward Agents</li> </ul>                |   |
|   | Servers                                  | <ul> <li>JMS Modules</li> </ul>                             | Diagnostics                                     |
|   | Clusters                                 | <ul> <li>Path Services</li> </ul>                           | Log Files                                       |
| ow do I   | <ul> <li>Server Templates</li> </ul>     | <ul> <li>Bridges</li> </ul>                                 | Diagnostic Modules                              |
| Search the configuration  | <ul> <li>Migratable Targets</li> </ul>   | Data Sources  | Built-in Diagnostic Modules                     |
| Use the Change Center   | Coherence Clusters                       | Persistent Stores   | Diagnostic Images                               |
| Record WLST Scripts   | Machines                                 | XML Registries  | Request Performance                             |
| Change Console preferences  | Virtual Hosts                            | XML Entity Caches   | Archives  |
| Manage Console extensions   | Work Managers                            | Foreign JNDI Providers                                      | Context   |
| Monitor servers   | Startup And Shutdown Classes             | Work Contexts   | • SNMP  |
|   |  | • jCOM  |   |
| /stem Status  | Your Deployed Resources                  | Mail Sessions   | Charts and Graphs                               |
| ,<br>ealth of Running Servers   | Deployments                              | • FileT3  | • Monitoring Dashboard <sup>函</sup>             |
| -   |  | • ЛА  |   |
| Failed (0)  | Your Application's Security Settings     | OSGi Frameworks   |   |
| Critical (0)  | Security Realms                          |   |   |

Overloaded (0)

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🗳 Users 🛛 🏠 Consoles

|  | e Java Cloud Servio<br>Domain: Z16JCS7112619924         | ce      |           |   |
|--|---|---------|-----------|---|
| INSTANCES  | OCPUs   | Memory  | As        | s of 21-Oct-2014 1:45:26 AM UTC Refresh                                       |
| 1  | 3   | 22.5 дв | 101.0 дв  | 3   |
| Search by instance name                                    | 0   |         |           | <u>C</u> reate Instance   |
| MyJCS1<br>Version: 12.1.2.0<br>Edition: Enterprise Edition | Nodes: 3<br>Load Balancer: Cont<br>Created On: 09-Oct-2 |         | Open Fusi | DLogic Server Console<br>ion Middleware Control Console<br>d Balancer Console |

Failed attempts to create an instance in the last 7 days



Users Consoles

|  | <b>Java Cloud Servi</b><br>omain: Z16JCS7112619924    |         |           |   |
|--|---|---------|-----------|---|
|  |   |         |           | s of 21-Oct-2014 1:45:26 AM UTC Refresh                                     |
| INSTANCES  | OCPUs   | Memory  | Storage   | PUBLIC IPs  |
| 1  | 3   | 22.5 GB | 101.0 GB  | 3   |
| INSTANCES  |   |         |           |   |
| Search by instance name                                    | 0   |         |           | <u>C</u> reate Instance   |
| MyJCS1<br>Version: 12.1.2.0<br>Edition: Enterprise Edition | Nodes: 3<br>Load Balancer: Cor<br>Created On: 09-Oct- |         | Open Fusi | Logic Server Console<br>on Middleware Control Console<br>d Balancer Console |
| Failed attempts to create an instance                      | e in the last 7 days                                  |         | (h)       |   |

Failed attempts to create an instance in the last 7 days

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# **Oracle Cloud Platform as a Service**

Preserve Your Investment: No Pain, Big Gain

- Same software runs in cloud and on-premises
- No application code changes
- Easy migration to the cloud
- Modernize applications
- Cloud and on-premises applications co-exist and connect
- Leverage existing knowledge and skills

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Q & A





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