

ORACLE®

# Java Cloud Service Operations

# Safe Harbor Statement

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# Key Differentiated Java Cloud Service Features

## Develop & Deploy



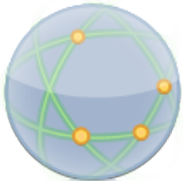
### Flexible Deployment

On-premise or in the cloud



### Self-Service

Quick & Easy



### IDE Support

JDeveloper, Eclipse, NetBeans



### API Access

Automate

## Administer & Manage



### Patch

Automated patching and rollback



### Backup

Never lose your data & apps



### Scale

Capacity at your finger tips

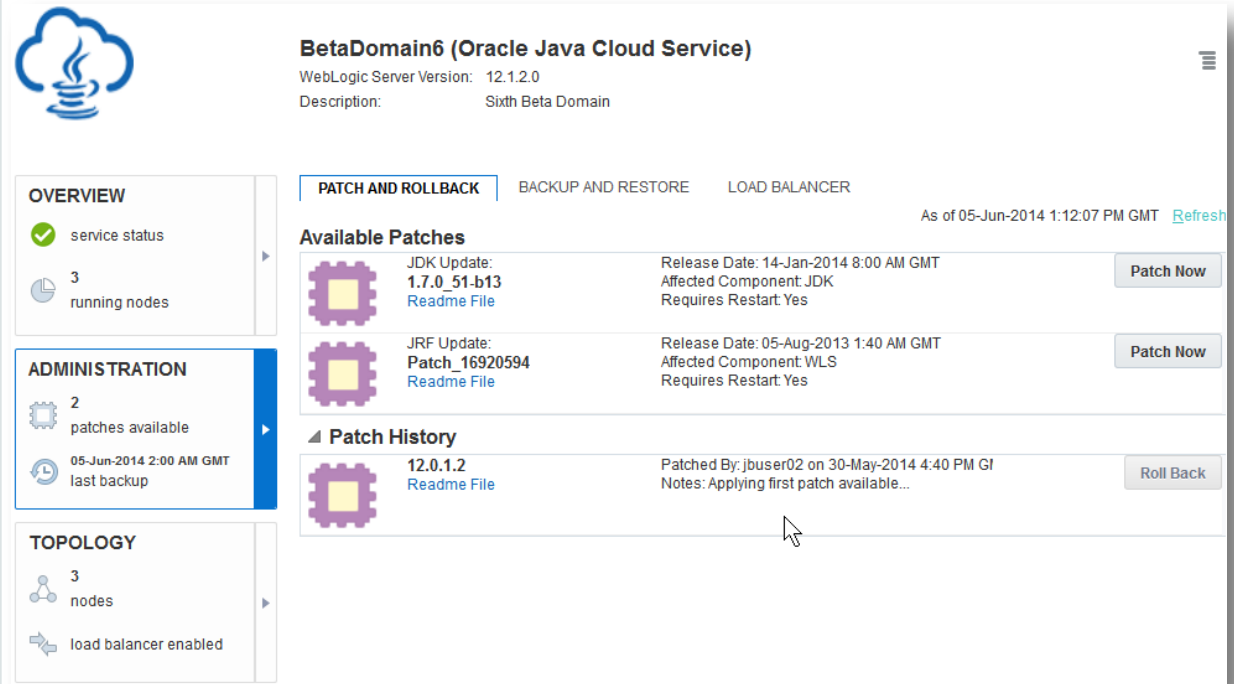


### Service Console

Common & integrated



# Java Cloud Service: Patching

- Fully automated patching of entire stack
  - OS, JDK, WebLogic Server, ADF
- Patch at your schedule
  - Scheduled patching in roadmap
- Rolling patch for Zero downtime
- Patching for Patchset Updates (PSU) supported
  - Patchsets & Upgrades in roadmap
- Fully automated Rollback
  - Full backup created before patching




The screenshot displays the Oracle Java Cloud Service console for a domain named **BetaDomain6 (Oracle Java Cloud Service)**. The console shows the WebLogic Server Version as 12.1.2.0 and the Description as Sixth Beta Domain. The left sidebar contains navigation tabs: OVERVIEW, ADMINISTRATION, and TOPOLOGY. The main content area has tabs for PATCH AND ROLLBACK, BACKUP AND RESTORE, and LOAD BALANCER. The PATCH AND ROLLBACK tab is active, showing a table of available patches and a patch history section.

**Available Patches**

Patch Icon	Patch Details	Release Date	Affected Component	Requires Restart	Action
	JDK Update: 1.7.0_51-b13 <a href="#">Readme File</a>	14-Jan-2014 8:00 AM GMT	JDK	Yes	<a href="#">Patch Now</a>
	JRF Update: Patch_16920594 <a href="#">Readme File</a>	05-Aug-2013 1:40 AM GMT	WLS	Yes	<a href="#">Patch Now</a>

**Patch History**

Patch Icon	Patch Details	Action
	12.0.1.2 <a href="#">Readme File</a> Patched By: jbusser02 on 30-May-2014 4:40 PM GMT Notes: Applying first patch available...	<a href="#">Roll Back</a>

# Java Cloud Service: Backup / Restore

- Scheduled Backup – customer configured
  - Co-ordinated Backup with Database
- On-Demand Backup
- Multiple depth of backup
  - Configuration & Apps, Logs, Binaries, Database
- Point-in-time Restore
  - Co-ordinated Restore with Database
- Multiple locations for backups
  - 7 day backup on local disk for quick restore
  - Older backups archived to Storage Service

The screenshot displays the Oracle Java Cloud Service management console for a domain named BetaDomain6. The interface is divided into three main sections: Overview, Administration, and Topology. The Overview section shows the service status as 'Running' with 3 nodes. The Administration section shows 2 patches available and the last backup on 05-Jun-2014 at 2:00 AM GMT. The Topology section shows 3 nodes and a load balancer enabled. The Backup and Restore section is active, showing the backup schedule as 'Incremental backup every day at 2 AM GMT (Full backup every Sun at 2 AM GMT)' and the last successful backup on 05-Jun-2014 at 2:00 AM GMT. A table of available backups lists the last five backups, all of which are incremental and scheduled, with the most recent being on 05-Jun-2014 at 2:00 AM GMT. The interface also includes a 'Configure Backups' button and a 'Back Up Now' button.

**BetaDomain6 (Oracle Java Cloud Service)**  
WebLogic Server Version: 12.1.2.0  
Description: Sixth Beta Domain

**OVERVIEW**  
✓ service status  
3 running nodes

**ADMINISTRATION**  
2 patches available  
05-Jun-2014 2:00 AM GMT last backup

**TOPOLOGY**  
3 nodes  
load balancer enabled

PATCH AND ROLLBACK | **BACKUP AND RESTORE** | LOAD BALANCER

Incremental backup every day at 2 AM GMT (Full backup every Sun at 2 AM GMT) As of 05-Jun-2014 1:17:53 PM GMT [Refresh](#)

Last Successful Backup ✓ 05-Jun-2014 2:00 AM GMT [Configure Backups](#) [Back Up Now](#)

**Available Backups**

05-Jun-2014 2:00 AM GMT	Type: Incremental, scheduled Available Until: 05-Jul-2014 2:00 AM GMT Location: Disk	Contains: <a href="#">Notes</a>
04-Jun-2014 2:00 AM GMT	Type: Incremental, scheduled Available Until: 04-Jul-2014 2:00 AM GMT Location: Disk	Contains: <a href="#">Notes</a>
03-Jun-2014 2:00 AM GMT	Type: Incremental, scheduled Available Until: 03-Jul-2014 2:00 AM GMT Location: Disk	Contains: <a href="#">Notes</a>
02-Jun-2014 2:00 AM GMT	Type: Incremental, scheduled Available Until: 02-Jul-2014 2:00 AM GMT Location: Disk	Contains: <a href="#">Notes</a>
01-Jun-2014 2:00 AM GMT	Type: Incremental, scheduled Available Until: 01-Jul-2014 2:00 AM GMT Location: Disk	Contains: <a href="#">Notes</a>



# Java Cloud Service: Scaling

- Fully-automated, on-demand Scale OUT
- Each managed server on separate virtual machine
- Zero downtime during scaling
- Fully-automated, on-demand Scale IN



## BetaDomain6 (Oracle Java Cloud Service)

WebLogic Server Version: 12.1.2.0

Description: Sixth Beta Domain

As of 05-Jun-2014 1:28:35 PM GMT [Refresh](#)

### OVERVIEW

✓ service status

3  
running nodes

### ADMINISTRATION

2  
patches available

05-Jun-2014 2:00 AM GMT  
last backup

### TOPOLOGY

3  
nodes

load balancer enabled

### CLUSTER: BetaDoma\_cluster

[Add Node](#)

	Host IP Address: 160.34.9.236 Administration Server (WLS Domain: BetaDoma_domain) Managed Server: BetaDoma_server_1	OCPUs: 1 Memory: 7.5 GB Storage: 44.92 GE
	Host: betadomain6-wls-2 Managed Server: BetaDoma_server_2	OCPUs: 1 Memory: 7.5 GB Storage: 25.39 GE
	Host IP Address: 160.34.9.239 Load Balancer	OCPUs: 1 Memory: 7.5 GB Storage: 25.39 GB

## For More Information



[oracle.com/middleware](http://oracle.com/middleware)

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



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