



ORACLE[®]

Admin Console MS5 QA Hand-off

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MS5 Features

- Resources tab
 - Standalone instance
 - Cluster
- Monitoring pages
 - Standalone instance
 - Cluster instance
- Developer Tests for above features

Standalone Instance → Resources Page

The screenshot shows the GlassFish v3 Administration Console interface. At the top, there are navigation buttons for 'Home' and 'About...'. The user information is 'User: asadmin | Role: domain1 | Server: localhost'. The main title is 'GlassFish™ v3 Administration Console'. Below the title is a 'Check Updates' button. The left sidebar contains a 'Tree' view with a 'Common Tasks' section and a 'Resources' section. The 'Resources' section is expanded to show 'JDBC' resources, including 'JDBC Resources', 'JDBC Connection Pools', 'Connectors', 'Resource Adapter Configs', 'JMS Resources', 'JavaMail Sessions', and 'JNDI'. The 'Resources' section is also expanded to show 'instance1'. The main content area has tabs for 'General', 'Applications', 'Resources', 'Properties', 'Monitoring', and 'JMS Physical Destinations'. The 'Resources' tab is selected, showing a title 'Resources' and a description: 'Enable, disable, or create a new resource type to associate with the instance.' Below this is a section titled 'Resources (1)' with a table. The table has columns for 'Resource Name', 'Enabled', and 'Type'. There is one resource listed: 'jdbc/instance1', which is enabled (checked) and of type 'JDBC Resources'. The table also includes checkboxes for selection and buttons for 'Enable' and 'Disable'. A '-- New --' button and a 'Filter: -- Show All --' dropdown are also present.

Home About... Logout Help

User: asadmin | Role: domain1 | Server: localhost

GlassFish™ v3 Administration Console

Check Updates

Tree

Common Tasks

- Registration
- GlassFish News
- Domain
 - server (Admin Server)
 - Clusters
 - Stand-Alone Instances
 - instance1
 - Nodes
 - Applications
 - Lifecycle Modules
 - Resources
 - JDBC
 - JDBC Resources
 - JDBC Connection Pools
 - Connectors
 - Resource Adapter Configs
 - JMS Resources
 - JavaMail Sessions
 - JNDI
 - Configurations
 - default-config
 - server-config

General Applications Resources Properties Monitoring JMS Physical Destinations

Resources

Enable, disable, or create a new resource type to associate with the instance.

Resources (1)

Enable Disable -- New -- Filter: -- Show All --

Resource Name	Enabled	Type
<input type="checkbox"/> jdbc/instance1	<input checked="" type="checkbox"/>	JDBC Resources

Cluster → Resources Page

The screenshot displays the GlassFish v3 Administration Console interface. At the top, there are navigation links for 'Home' and 'About...', and user information: 'User: asadmin | Role: domain1 | Server: localhost'. The main title is 'GlassFish™ v3 Administration Console'. Below the title, there is a 'Check Updates' button. The left sidebar shows a 'Tree' view with a 'Clusters' folder expanded to show 'cluster1'. The main content area has tabs for 'General', 'Applications', 'Instances', 'Resources', 'Properties (TBD)', and 'JMS Physical Destinations'. The 'Resources' tab is active, showing a title 'Resources' and a subtitle 'Resources (1)'. Below the subtitle, there are buttons for 'Enable', 'Disable', and '-- New --', along with a 'Filter: JDBC Resources' dropdown. A table lists the resources:

	Resource Name	Enabled	Type
<input type="checkbox"/>	jdbc/cluster	✓	JDBC Resources

Standalone → Monitoring → Applications Page

The screenshot displays the GlassFish v3 Administration Console interface. The top navigation bar includes 'Home' and 'About...' buttons, and the user information 'User: asadmin | Role: domain1 | Server: localhost'. The main title is 'GlassFish™ v3 Administration Console'. A 'Check Updates' button is visible on the left. The left-hand 'Tree' pane shows a hierarchical view of the system, with 'instance1' selected under 'Stand-Alone Instances'. The main content area has tabs for 'General', 'Applications', 'Resources', 'Properties', 'Monitoring', and 'JMS Physical Destinations'. The 'Monitoring' tab is active, showing sub-tabs for 'Applications', 'Server', and 'Resources'. The 'Application Monitoring' section includes a 'Refresh' button and instructions to click 'Configure Monitoring'. Below this, there are dropdown menus for 'Application' (set to 'ejb-ejb30-hello-session-ejb.jar') and 'Component' (set to 'SlessEJB'). A 'Monitor (3 Statistics)' section is expanded to show 'EJB Stateless Session Bean Statistics : ejb-ejb30-hello-session-ejb.jar/SlessEJB'. This section contains a table with monitoring data.

Name	Value	Start Time	Last Sample Time	Details	Description
MethodReadyCount	0count	Oct 5, 2010 5:41:20 PM	Oct 5, 2010 5:41:30 PM	High Water Mark: 0 count Low Water Mark: 0 count	Number of stateless session beans in MethodReady state
RemoveCount	0 count	Oct 5, 2010 5:41:20 PM	--	--	Number of times EJB remove method is called
CreateCount	0 count	Oct 5, 2010 5:41:20 PM	--	--	Number of times EJB create method is called

Standalone → Monitoring → Server Page

The screenshot displays the GlassFish v3 Administration Console interface. At the top, there are navigation buttons for 'Home' and 'About...'. The user information shows 'User: asadmin', 'Role: domain1', and 'Server: localhost'. The main title is 'GlassFish™ v3 Administration Console'. Below the title, there is a 'Check Updates' button. The left sidebar contains a 'Tree' view with a 'Common Tasks' section and a 'Tree' section. The 'Tree' section is expanded to show 'Stand-Alone Instances' > 'instance1'. The main content area has tabs for 'General', 'Applications', 'Resources', 'Properties', 'Monitoring', and 'JMS Physical Destinations'. The 'Monitoring' tab is selected, and within it, the 'Server' sub-tab is active. The page title is 'Server Monitoring'. Below the title, there is a 'Refresh' button and a paragraph of text: 'Click [Configure Monitoring](#) and enable monitoring for a component or service by selecting either LOW or HIGH. See the [Online Help](#) for more information.' Below this text is a 'View:' dropdown menu. The main content area displays a list of statistics under the heading 'Monitor (67 Statistics)'. The list includes: Thread Info Statistics, JVM: Memory Statistics, JVM: Operating System Statistics, JVM: Class Loading Statistics, JVM: Compilation Statistics, JVM: Runtime Statistics, JVM: Thread System Statistics, Web Container: Servlet Statistics, Web Container: Session Statistics, Web Container: Request Statistics, and Web Container: JSP Statistics. A mouse cursor is hovering over the 'Thread Info Statistics' entry.

Home About... Logout Help

User: asadmin Role: domain1 Server: localhost

GlassFish™ v3 Administration Console

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 - JDBC Resources
 - JDBC Connection Pools
 - Connectors
 - Resource Adapter Configs
 - JMS Resources
 - JavaMail Sessions
 - JNDI
- Configurations
 - instance1-config
 - JVM Settings

General Applications Resources Properties Monitoring JMS Physical Destinations

Applications Server Resources

Server Monitoring

Refresh

Click [Configure Monitoring](#) and enable monitoring for a component or service by selecting either LOW or HIGH. See the [Online Help](#) for more information.

View :

Monitor (67 Statistics)

- Thread Info Statistics
- JVM: Memory Statistics
- JVM: Operating System Statistics
- JVM: Class Loading Statistics
- JVM: Compilation Statistics
- JVM: Runtime Statistics
- JVM: Thread System Statistics
- Web Container: Servlet Statistics
- Web Container: Session Statistics
- Web Container: Request Statistics
- Web Container: JSP Statistics

Limitations

- Instance port should be 14848 to make the monitoring work.

Monitoring steps for a standalone instance

- If you want see the “JVM” monitoring statistics for an instance “instance1”
 - Set the JVM monitoring level as high for server-config
 - Set the JVM monitoring level as high for instance1-config.
 - Start the instance1
 - Go to instance1 → Monitoring → Server page.

Known Issues

- Monitoring level is not localized (11360).
- Add monitoring support for deployment nodes in gui(13628).
- "Jersey" on Monitoring Service page should be more descriptive(13538).

Developer Tests

Admin Console Dev Tests available:

```
.../v3/admingui/devtests
```

Running Admin Console Dev Tests:

```
cd v3/admingui/devtests
```

```
mvn install to run all the devtests
```

```
mvn -Dtest=<TEST_CLASSNAME> test
```

```
eg mvn -Dtest=MonitoringTest test
```

Developer Tests

Dev Tests for MS5 Features

- EnterpriseServerTest
 - Added a test for server->resources page.
- StandaloneTest
 - Added a test for standalone instance->resources page.
- ClusterTest
 - Added a test for cluster->resources page.
- MonitoringTest
 - Added a test for monitoring service page.
 - Added a test for server->monitoring->applications page.
 - Added a test for server->monitoring->server page.

Documents

One Pager

<http://wikis.sun.com/display/GlassFish/GF3.1AdminConsoleOnePager>

Project Plan

<http://wikis.sun.com/display/GlassFish/GlassFish3.1AdminConsole>

GUI Plugin Modules

<http://wikis.sun.com/download/attachments/209655113/admingui-3.1-modules.html>