Using the Administration Console

6

Objectives

After completing this lesson, you should be able to:

- Access the WebLogic Server administration console
- Create and configure servers by using the administration console

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Accessing the Administration Console

After starting the administration server, you can access the administration console in a web browser.

```
http://hostname:port/console
https://hostname:secureport/console

hostname = The host name or IP address of the administration server
port = The port number of the administration server
secureport = The secure sockets layer (SSL) port number of the admin server
```
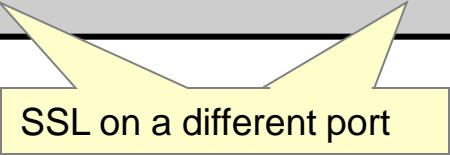
```
http://localhost:7001/console
http://adminDNSName:7001/console
https://127.0.0.1:7002/console
```
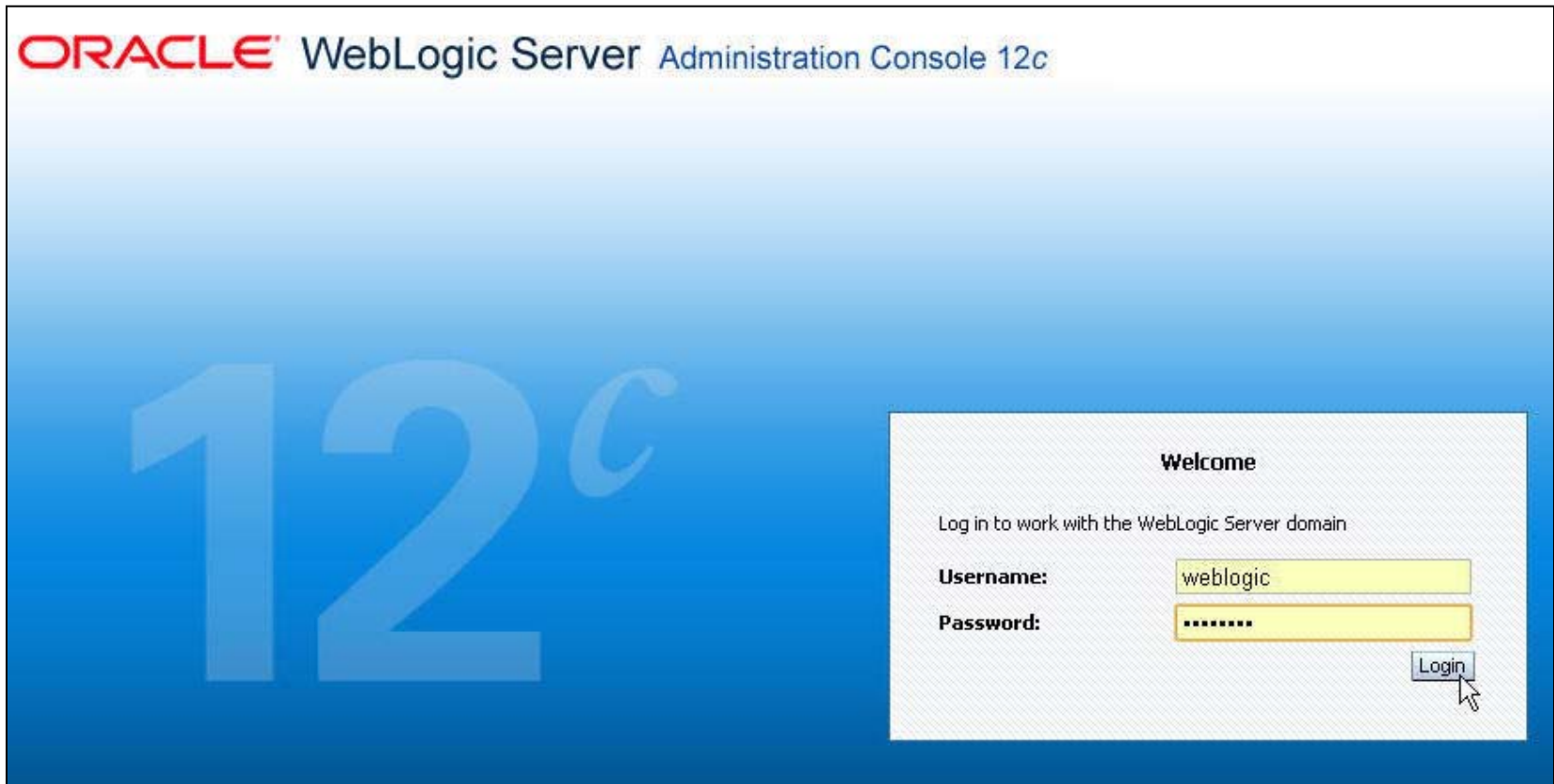
SSL on a different port

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Administration Console Login

Enter the username and password that you set when creating your domain. The password is not displayed.

Basic Navigation

Lock the configuration to make changes.

Help system

Breadcrumbs

Domain resources

Tabs help organize information about the selected resource (**Configuration** > **Deployment**)

Information about the selected resource, based on the tabs selected

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Tabular Data

Often, information in the admin console is displayed in a table. You can customize the columns that are displayed.

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Customizing a Table

Filter

Filter by Column: **(2)** Name ▼ Criteria: [   ]

Sort by this attribute.

View

Column Display: **(3)**

Available:
- ☑ Heap Size Current
- ☐ IIOP Enabled
- ☐ Invalid Login Attempts Total
- ☐ Invalid Login Users High
- ☐ JACC Enabled
- ☐ Java Version
- ☐ Listen Address

Chosen:
- ☐ Name
- ☐ Type
- ☐ Cluster
- ☐ Machine
- ☐ State

Move selected attributes from Available to Chosen.

Move all attributes from Available to Chosen.

(4) Select a Chosen attribute and use these arrows to change its order in the table.

Number of rows displayed per page: 10 ▼ **(5)** Maximum Results Returned: All ▼

Apply Reset **(6)**

(7)	Name ⌃	Type	Cluster	Machine	State	Health	Listen Port	Heap Size Current
☐	AdminServer(admin)	Configured		machine1	RUNNING	✔ OK	7001	327024640

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Admin Console Preferences

Home Log Out Preferences Record Help

Home

1

Preferences

| **User Preferences** | Shared Preferences | Extensions | WLST Script Recording |

Save **2**

You can configure some features of the Administration Console by setting preference

Use this page to specify preferences that will be in effect only for your user account

— **User Preferences**

☑ **Show Inline Help**

File Browser Start: \

☑ **Remember Last Used Path**

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Advanced Console Options

In the *Advanced* section of a screen, the console hides the options that are not frequently used.

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Administration Console Change Center

The domain configuration must be locked to change it.

1. Click the **Lock & Edit** button and make changes.
2. Click **Activate Changes** to commit those changes (or click **Undo All Changes** to undo them).

Some activated changes will not take effect until the server restarts. In the administration console, attributes that require a server restart are marked with this icon:

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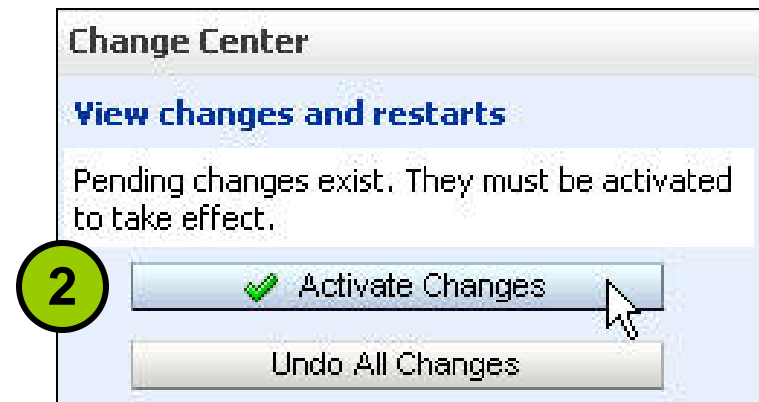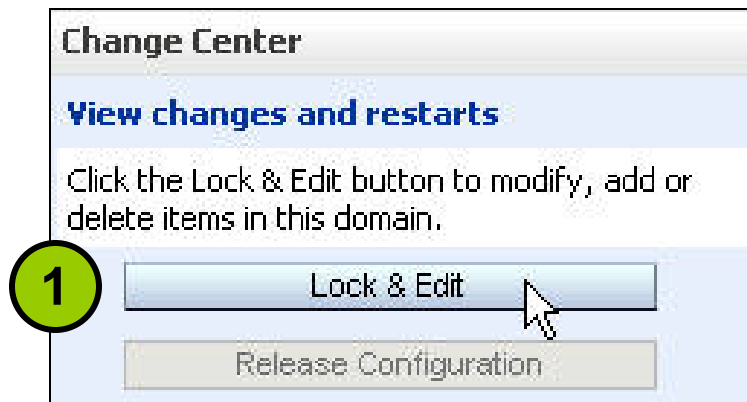
Admin Console: Creating Domain Resources

The administration console can be used to create and configure:

- Servers
- Clusters
- Machines
- JMS servers
- JMS destinations
- JDBC data sources
- And more…
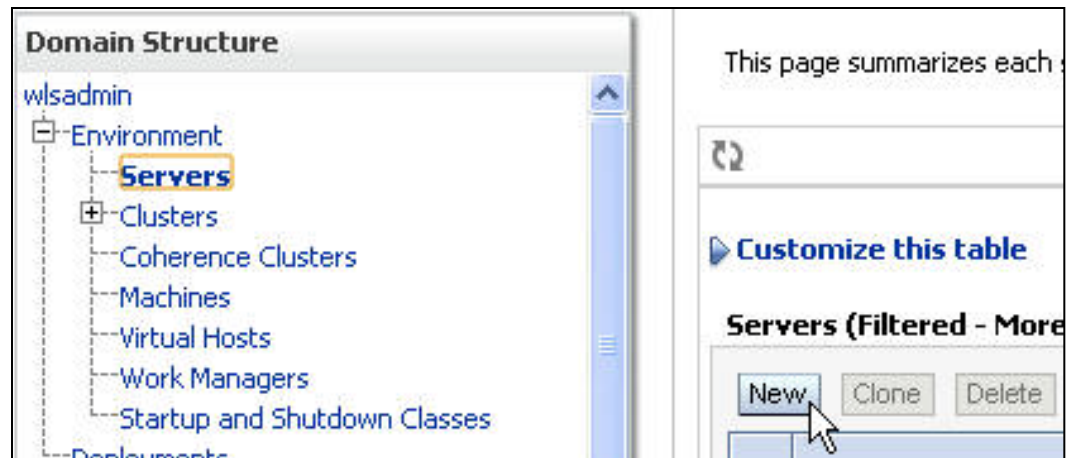
Find the type of resource under Domain Structure, click **Lock & Edit**, click the **New** button, enter the element's attributes, click **Save**, and then click **Activate Changes**.

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Creating a Resource Example: New Server

To create a new server:

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Creating a Resource Example: New Server

To create a new server:

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Modifying a Resource Example: Server

To modify a server:

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Modifying a Resource Example: Server

To modify a server:

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Admin Console: Monitoring Domain Resources

The administration console can be used to monitor domain resources:

- Servers
- Clusters
- Machines
- Deployments
- JMS destinations
- JDBC data sources
- And more…
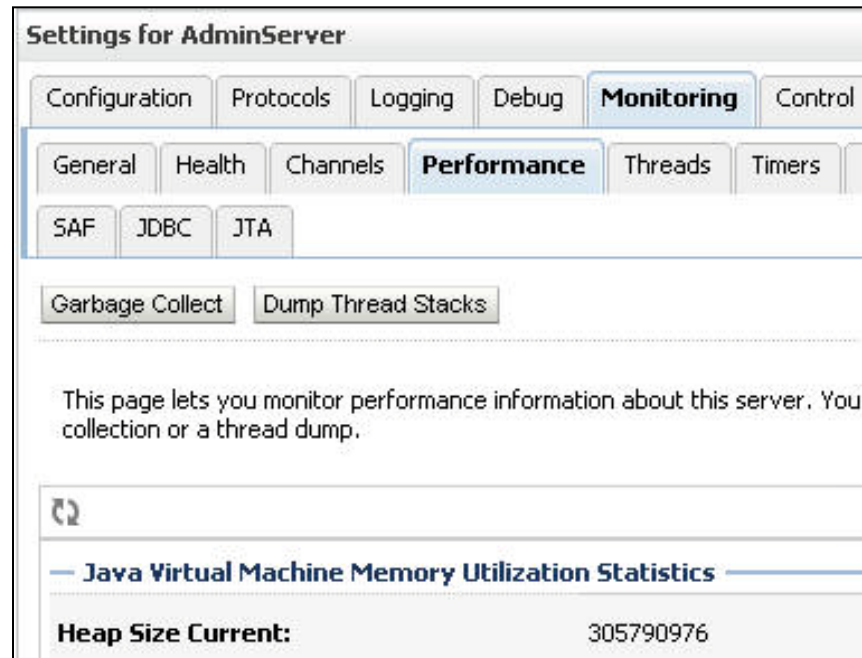
Find the type of resource under Domain Structure, select a particular resource, click the **Monitoring** tab (and perhaps a subtab).

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Admin Console: Controlling Domain Resources

The administration console can also be used to control domain resources:

- Servers: Start, shut down, suspend, resume, and restart SSL

- Clusters: Control the servers in the cluster

- Deployments: Start or stop servicing requests

- JMS destinations: Pause or resume production, insertion, consumption

- JDBC data sources: Start, suspend, resume, shrink, reset, clear statement cache

- And so on

Find a resource type under Domain Structure, select a resource, click the **Control** tab, and select how to control it.

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Enterprise Manager Cloud Control

- It is a tool for administering and monitoring your entire Oracle IT infrastructure, including FMW components.

- Cloud Control requires its own installation. (It is not installed as part of some other component.)

- Cloud Control supplies a web browser–based tool for administering and monitoring many Oracle components.

  – Unlike other WebLogic tools, Cloud Control allows you to administer multiple WebLogic domains.

- Cloud Control was called Enterprise Manager Grid Control in 11*g*.

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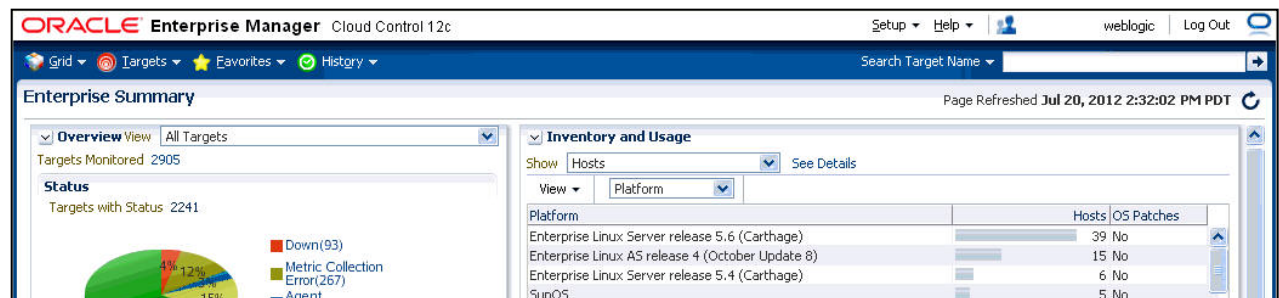
Quiz

The default context path of the web application that is the administration console is: _____.

a. admin

b. em

c. console

d. weblogic

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Quiz

In the administration console, to view information about a domain resource, first select that resource in the _____.

a. Configuration tab
b. Domain Structure
c. Change Center
d. Menu

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Summary

In this lesson, you should have learned how to:

- Access the WebLogic Server administration console
- Create and configure servers by using the administration console

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Practice 6-1 Overview: Using the Administration Console for Configuration

This practice covers the following topics:

- Accessing the administration console
- Using the admin console to configure domain resources
- Setting some admin console preferences

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