

Accediendo a weblogic

Primero, tras arrancar el contenedor, deberemos acceder a <https://localhost:9002/console/login/LoginForm.jsp>:



E introducir el usuario y la contraseña que pusimos en el "domain.properties". Por ejemplo:

```
1 username=weblogic
2 password=1234webl
```

Tras acceder veremos todas las opciones de la consola:

ORACLE® WebLogic Server Administration Console 12c

Change Center

[View changes and restarts](#)

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- base_domain
 - + Domain Partitions
 - + Environment
 - Deployments
 - + Services
 - Security Realms
 - + Interoperability
 - + Diagnostics

How do I...

- Search the configuration
- Use the Change Center
- Record WLST scripts
- Change Console preferences
- Manage Console extensions
- Monitor servers

System Status

Retrieving Health Data

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (0)

Home Log Out Preferences Record Help

Home

Home Page

— Information and Resources —

Helpful Tools

- Configure applications
- Configure GridLink for RAC Data Source
- Configure a Dynamic Cluster
- Recent Task Status
- Set your console preferences

— Domain Configurations —

Domain

- Domain

Domain Partitions

- Domain Partitions
- Partition Work Managers

Environment

- Servers
- Clusters
 - Server Templates
 - Migratable Targets
- Coherence Clusters
- Machines
- Virtual Hosts
- Virtual Targets
- Work Managers
- Concurrent Templates
- Resource Management
- Startup And Shutdown Classes

Application's Security Settings

- Security Realms

WebLogic Server Version: 12.2.1.3.0

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A la izquierda podremos ver las diferentes secciones que tiene toda la consola. Estas cuelgan directamente de *base_domain* que es el dominio principal de nuestro servidor de aplicaciones.

---*base_domain*

- |--Domain Partitions undefinedDomain Partitions
- |--Environment undefinedEnvironment
- |--Deployments
- |--Services Expand Node Services
- |--Security Realms
- |--Interoperability Expand Node Interoperability
- |--Diagnostics Expand Node Diagnostics

De todas estas secciones destacaremos *Deployments* que será el lugar donde podamos **desplegar** nuestras aplicaciones, *Services* que entre otras opciones es donde deberemos ir a configurar la **conexión a BBDD** y *Diagnostics* que será donde, entre otras opciones, podamos ver los logs de WL.

Ejemplo de la sección de **Deployments**:

ORACLE® WebLogic Server Administration Console 12c

The screenshot shows the Oracle WebLogic Server Administration Console 12c interface. The left sidebar contains a navigation tree under 'base_domain' with nodes: Domain Partitions, Environment, Deployments (which is selected and highlighted in red), Services, Security Realms, Interoperability, and Diagnostics. Below this is a 'How do I...' section with links for installing enterprise applications, configuring them, updating/redeploying, monitoring modules, deploying EJB modules, and installing Web applications. The main content area is titled 'Summary of Deployments' and shows a table of deployed applications. The table has columns for Name and Status. One row is visible, showing 'app-rest-api-0.1.0-SNAPSHOT' with a status icon indicating it is OK. At the bottom of the page, there is a 'System Status' section showing the health of running servers as of 4:03 PM, with counts for Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (1). The footer contains copyright information: 'WebLogic Server Version: 12.2.1.3.0', 'Copyright (c) 1996,2017, Oracle and/or its affiliates. All rights reserved.', and 'Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.'

Change Center

View changes and restarts

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Domain Structure

base_domain

- + Domain Partitions
- + Environment
- Deployments
- + Services
- Security Realms
- + Interoperability
- + Diagnostics

How do I...

- Install an enterprise application
- Configure an enterprise application
- Update (redeploy) an enterprise application
- Monitor the modules of an enterprise application
- Deploy EJB modules
- Install a Web application

System Status

Health of Running Servers as of 4:03 PM

Status	Count
Failed	(0)
Critical	(0)
Overloaded	(0)
Warning	(0)
OK	(1)

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Ejemplo de la sección de Services:

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Change Center

View changes and restarts

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Domain Structure

- Services
 - + Messaging
 - Data Sources
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - jCOM
 - Mail Sessions
 - File T3
 - JTA
 - OSGi Frameworks
- Security Realms

How do I...

- Create JDBC generic data sources
- Create JDBC GridLink data sources
- Create JDBC multi data sources
- Create UCP data sources
- Create Proxy data sources

System Status

Health of Running Servers as of 4:05 PM

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (1)

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Conjunto de logs que se pueden ver desde la sección de Diagnostics:

ORACLE® WebLogic Server Administration Console 12c

The screenshot shows the Oracle WebLogic Server Administration Console 12c interface. The left sidebar contains a 'Domain Structure' tree with nodes like Deployments, Services, Security Realms, Interoperability, Diagnostics, Log Files (which is selected and highlighted in red), Diagnostic Modules, Built-in Diagnostic Modules, Diagnostic Images, Request Performance, Archives, Context, SNMP, and Interceptors. Below this is a 'How do I...' section with a list of tasks: View and configure logs, Change server log file name and location, Enable and configure HTTP logs, Enable configuration auditing, and Configure diagnostic archives. The main content area is titled 'Summary of Log Files' and displays a table of log files. The table has a 'View' button at the top left and a 'Name' column with entries: DataSourceLog, DomainLog, EventsDataArchive, HarvestedDataArchive, HTTPAccessLog, and ServerLog. At the bottom of the page, there's a 'System Status' section showing the health of running servers as of 4:07 PM, with categories: Failed (0), Critical (0), Overloaded (0), Warning (0), and OK (1). The status for OK is shown in green. The footer contains copyright information: WebLogic Server Version: 12.2.1.3.0, Copyright (c) 1996,2017, 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.

Change Center

View changes and restarts

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Domain Structure

- Deployments
- Services
- Security Realms
- Interoperability
- Diagnostics
 - Log Files
 - Diagnostic Modules
 - Built-in Diagnostic Modules
 - Diagnostic Images
 - Request Performance
 - Archives
 - Context
 - SNMP
 - Interceptors

How do I...

- View and configure logs
- Change server log file name and location
- Enable and configure HTTP logs
- Enable configuration auditing
- Configure diagnostic archives

System Status

Health of Running Servers as of 4:07 PM

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (1)

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Entre otras opciones estás serán las más utilizadas durante el curso. Para mayor información revisar el siguiente enlace a Oracle WL <https://www.oracle.com/middleware/technologies/weblogic.html>.