

Connector on OAS

1. Download the xercesImpl-2.0.2.jar and xml-apis-2.0.2 from the [Additional Resources](#) page
2. Go to your Oracle 10.1.3 or higher manager console
3. If you have not added apache.xml as a shared library, do so now ([OAS, Adding apache.xml Shared Library](#))
4. If you have not configured the JDBC data sources do so now, you only need to configure the "DARS" datasource ([OAS, Configuring JDBC Datasource](#))
5. If you have not configured the Connector logging, do so now ([OAS, Configure log4j for Connector Logging](#))
6. Choose Deploy (or "Redeploy" if you are installing a new release of CEG4). This process has 3 screens:
 - a. **Screen 1** (Step 1 of 3)
 - i. Browse for the ceg4.war file that you downloaded in Step 1.

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Setup Logs Help Logout

Deploy: Select Archive

Cancel Step 1 of 3 Next

Archive

The following types of archives can be deployed: J2EE application (EAR files), Web Modules (WAR files), EJB Modules (EJB JAR files) and Resource Adapter Modules (RAR files).

☒ Archive is present on local host. Upload the archive to the server where Application Server Control is running.

Archive Location

☐ Archive is already present on the server where Application Server Control is running.

Location on Server

The location on server must be the absolute path or the relative path from j2ee/home

Deployment Plan

The deployment plan is an XML file that contains the deployment settings for an application. If you do not have a deployment plan, one will be created automatically during the deployment process. Later in the deployment process, you can optionally edit the deployment plan and save it for a future deployment of this application.

☒ Automatically create a new deployment plan.

The deployment plan settings will be based on OC4J defaults and information contained in the archive

☐ Deployment plan is present on local host. Upload the deployment plan to the server where Application Server Control is running.

Plan Location

☐ Deployment plan is already present on server where Application Server Control is running.

Location on Server

The location on server must be the absolute path or the relative path from j2ee/home

Cancel Step 1 of 3 Next

[Setup](#) | [Logs](#) | [Help](#) | [Logout](#)

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- b. **Screen 2** (Step 2 of 3) These are the default values, your configuration may vary.
 - i. Application Name: CEG4
 - ii. Parent Application: default
 - iii. Bind Web Module to Site: default-web-site
 - iv. Context Root: ceg4

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Application Server Control

Help Logout

Deploy: Application Attributes

Cancel Back Step 2 of 3 Next

Archive Type **Web Module (WAR file)**

Archive Location **ceg4.war**

Deployment Plan **Creating a new plan**

Application Name

Parent Application

Bind Web Module to Site

Context Root

Web Module	Context Root
ceg4.war	<input type="text" value="ceg4"/>

Cancel Back Step 2 of 3 Next

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- c. **Screen 3** (Step 3 of 3)
 - i. Map Environment References

1. Just map the datasource for DARS

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Select Archive Application Attributes **Deployment Settings**

Deployment Settings: Map Environment References Cancel OK

Archive Type: **Web Module (WAR file)**
Archive Location: **ceg4.war**
Deployment Plan: **Creating a new plan**

Application Name: **CEG4**
Parent Application: **default**
Bind Web Module to Site: **default-web-site**
Context Root: **ceg4**

Map Resource References
The table below lists the resource references which need to be associated with physical entities on the system where the selected instance/cluster is running.

Resource Reference	Description	Type	Referenced By		
			Module	Enterprise Bean	Map to JNDI Location
jdbc/DARS	The default DS	javax.sql.DataSource	ceg4.war	n/a	<input type="text" value="jdbc/DARS"/>

Map URL Resource References
The table below lists the resource references of type java.net.URL each of which must be linked to a URL.

Resource Reference	Description	Referenced By		
		Module	Enterprise Bean	Map to URL
No resource references were found that need to be mapped to physical resources on the selected instance/cluster.				

Map Resource Environment References
The table below lists all resource environment references found in your application. A resource environment reference needs to be bound to an administered object in the

ii. Configure Class Loading

1. Check: apache.xml
2. Uncheck: oracle.xml
3. Configure Application Libraries
4. Add an external path where cas4.properties and ceg-model.xml will reside (ie) /tmp/ceg4



This folder **MUST NOT** contain .jar files. It **MUST** contain **ONLY** .properties and .xml files.

5. Check : Search Local Classes First

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Application Server Control

Select Archive Application Attributes **Deployment Settings**

Deployment Settings: Configure Class Loading

Archive Type: **Web Module (WAR file)**
Archive Location: **ceg4.war**
Deployment Plan: **Creating a new plan**

Application Name: **CEG4**
Parent Application: **default**
Bind Web Module to Site: **default-web-site**
Context Root: **ceg4**

Import Shared Libraries
The following table lists the shared libraries installed in this OC4J instance. Select Import to declare your application's dependency on a shared library. Optionally specify a minimum or maximum version to import.

☒ Inherit parent application's shared library imports
TIP When checked, future changes to the parent application's shared library imports will be effective to this application.

Shared Library	Available Versions	Minimum Version To Use	Maximum Version To Use	Imported By Parent Application	Import
adf.generic.domain	10.1.3, 10.1.3.1				<input type="checkbox"/>
adf.oracle.domain	10.1.3, 10.1.3.1			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
apache.commons.logging	1.0.4				<input type="checkbox"/>
global.libraries	1.0			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
global.tag.libraries	1.0			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
global.wsm.libraries	1.0				<input type="checkbox"/>
log4j	1.2.12				<input checked="" type="checkbox"/>
oracle.cache	10.1.3			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
oracle.dms	3.0			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
oracle.expression-evaluator	10.1.3				<input type="checkbox"/>

Configure Application Libraries
Add additional archives or directories to this application's classpath. Specify a path relative to the root of the EAR, or an absolute path on the target server.

Path	Delete
/home/ballmw/ceg4	

Configure Web Module Class Loaders
Use the table below to specify additional code sources for each Web module in your application. These can be either library files or locations for individual class files separated by semi-colons.

Web Module	Search Local Classes First	Include War Manifest Class Path	Classpath
ceg4.war	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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6. Check : Include War manifest classpath

iii. Click "OK"

7. The enterprise manager displays the results of the deploy. There should be no errors.



Dozer JMX MBeans warning

The following is normal and can be disregarded if it appears in your OAS stdout log:

```
WARN 15:41:51,376 net.sf.dozer.util.mapping.DozerInitializer Unable to register Dozer JMX MBeans with the PlatformMBeanServer. Dozer will still function normally, but management via JMX may not be available.
```

8. Possibly increase **PSPermGensize** of java heap

- You may need to increase **PSPermGen** size of java heap. See this [page](#) and compare to your current values.