1.Open the Web Logic Server (WLS) console and log in using **weblogic**/ **Welcome1**.

2.In the upper left **Change Center** pane, select **Lock & Edit**.

3.On the left **Domain Structure** pane, click on **Services | Data Sources**.

4.In the data source table, click on **New | Generic Data Source**.

5.Enter the data source information:

> ‣Name: **FranksPatientDatabase**
>
> ‣JNDI Name: **jdbc/FranksPatientDatabase**
>
> ‣Database Type: **Oracle**

6.Click on **Next**,

7.Select the **Oracle's Driver (Thin XA) for Instance connectios; Versions 9.0.1 and later** Database Driver.

8.click on **Next** again.

9.Enter the database information:

> ‣**Database Name**: **orcl** (your database SID)
>
> ‣**Host name**: **localhost** (host where your database is running)
>
> ‣**Port**: **1521** (set according to your configuration)
>
> ‣**Database user name**: **bpeluser** (created in previous section)
>
> ‣**Database user password**: **Welcome1**

10.Click on **Next**.

11.Click on **Test Configuration**. Confirm success message at the top of the page.

12.Click on **Next**.

13.Select the **Target server** where your SOA component is running: **soa_server1**.

14.Click on **Finish**.

15.Now create the connection pool. You have to edit the database adapter application and it uses a Deployment Plan. First, create a directory to contain that plan.

16.Create a directory here: /data/Middleware/Oracle_SOA1/soa/DBPlan

17.In the left navigation bar, click on **Deployments**.

18.Click on the **DbAdapter** application (click on the name, not the checkbox).

19.Click on the **Configuration** tab, and then click on the **Outbound Connection Pools** tab.

20.Click on **New**.

21. Select the radio button for javax.resource.cci.ConnectionFactory and click on **Next**.

22.Enter the JNDI Name as: **eis/DB/FranksPatientDatabase**.

23.At this point, you are asked for the deployment plan location. Click on the path to the directory you created earlier and enter the deployment plan name **Plan.xml**.

24. Click on **OK**.

25.Confirm the name of the deployment plan.

26.Now, edit the connection pool to reference the data source. Click on the **Configuration** tab, expand the connection factory and click on your new connection pool, **jdbc/ FranksPatientDatabase** (click on the name, not the checkbox).

27. To change a property value you must enter the value and then press the *Enter* key and then click on the **Save** button. Do not use the *Tab* key after entering the value. Follow these instructions exactly:

> ‣ In the **Properties** table, select the box to the far right of **xADataSourceName**.

‣ The edit box appears. Type in your data source name that you created above: **jdbc/ FranksPatientDatabase**.

‣ Press the *Enter* key to apply the value. You must use the *Enter* key for the value to be entered in the field.

28. Select **Save**.

29. Go back to the main **Deployments** page to update the **DbAdapter** as follows. Click on **Deployments** in the left navigation bar.

30. Select the checkbox next to **DbAdapter**.

31. Click on **Update**.

32. Select **Redeploy this application using the following deployment files** and confirm the deployment plan location.

33. Click on **Finish**.

34. In the upper left **Change Center** pane, select **Activate Changes**

Dutch tilt