

## Example: Configuring the Oracle Database as the VTA Database

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To connect VTA with an Oracle database:

1. For each VTA, create a database that uses the schema for the SRC-VTA.

To view the database schemas, see the following files, which are created when you install the Solaris package for the SRC-VTA.

- `/opt/UMC/conf/vta/quota/vtadata_oracle.sql`
- `/opt/UMC/conf/vta/bucket/vtadata_oracle.sql`

2. Install the JDBC driver that allows your database to connect to the J2EE application server. For example, for JBoss, copy the driver to `/opt/UMC/jboss/server/default/lib`.
3. Modify the Oracle data source configuration file with the access parameters (connection-url, user-name and password) and copy it to `/opt/UMC/jboss/server/default/deploy`.

- For quota VTA—`quota/oracle-quotavta-ds.xml`
- For bucket VTA—`bucket/oracle-bucketvta-ds.xml`

4. Change the data source name and mapping in the EAR file for the VTA (`quotavta.ear` or `bucketvta.ear`).

- a. Extract `datamgr.jar` from the EAR file.

For example:

```
jar xvf quotavta.ear datamgr.jar
```

- b. Extract `META-INF/jbosscmp-jdbc.xml` from `datamgr.jar`.

```
jar xvf datamgr.jar META-INF/jbosscmp-jdbc.xml
```

- c. In the `jbosscmp-jdbc.xml` file, change the data source name in the `<jbosscmp-jdbc>` `<defaults>` `</defaults>` `</jbosscmp-jdbc>` XML element.

- For quota VTA—`java:/Quota/OracleDS`
- For bucket VTA—`java:/Bucket/OracleDS`

- d. In the `jbosscmp-jdbc.xml` file, change the data source mapping in the `<jbosscmp-jdbc>` `<defaults>` `</defaults>` `</jbosscmp-jdbc>` XML element.

- For Oracle8—Oracle 8
- For Oracle 9i or higher—Oracle9i

- e. Replace `META-INF/jbosscmp-jdbc.xml` in `datamgr.jar`.

```
jar uvf datamgr.jar META-INF/jbosscmp-jdbc.xml
```

- f. Replace `datamgr.jar` in the EAR file.

For example:

**jar uvf quotavta.ear datamgr.jar**

- Related Topics**
- Configuring a Database to Store Account and Session Data
  - Configuring the SRC-VTA to Manage Database Accounts