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OBIA - Installation Version 7.9.6 with EBS, PowerCenter, Oracle Database

Prerequisites

- [EBS - E-Business Suite 12.1.1 Standard Installation on Linux OEL 5.3](#)
- [Oracle Database - Installation of 11gR1/R2 on Windows](#)
- [DAC - Installation and Configuration v10.1.3.4.1 on Windows](#)
- [OBIEE 10g - Windows Installation](#)

Oracle BI Applications Installer

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Oracle Business Intelligence Applications (7.9.6.2)

Welcome to the InstallShield Wizard for Oracle Business Intelligence Applications 7.9.6.2

The InstallShield Wizard will install Oracle Business Intelligence Applications 7.9.6.2 on your computer.
To continue, choose Next.

Oracle Business Intelligence Applications 7.9.6.2
Oracle Corporation
www.oracle.com

InstallShield

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Oracle Business Intelligence Applications (7.9.6.2)

Please select the installation location for the installed Oracle BI 10.1.3.x (Browse or Enter):

C:\OracleBI

Browse

Please select the data location for the installed Oracle BI 10.1.3.x (Browse or Enter):

C:\OracleBI\data

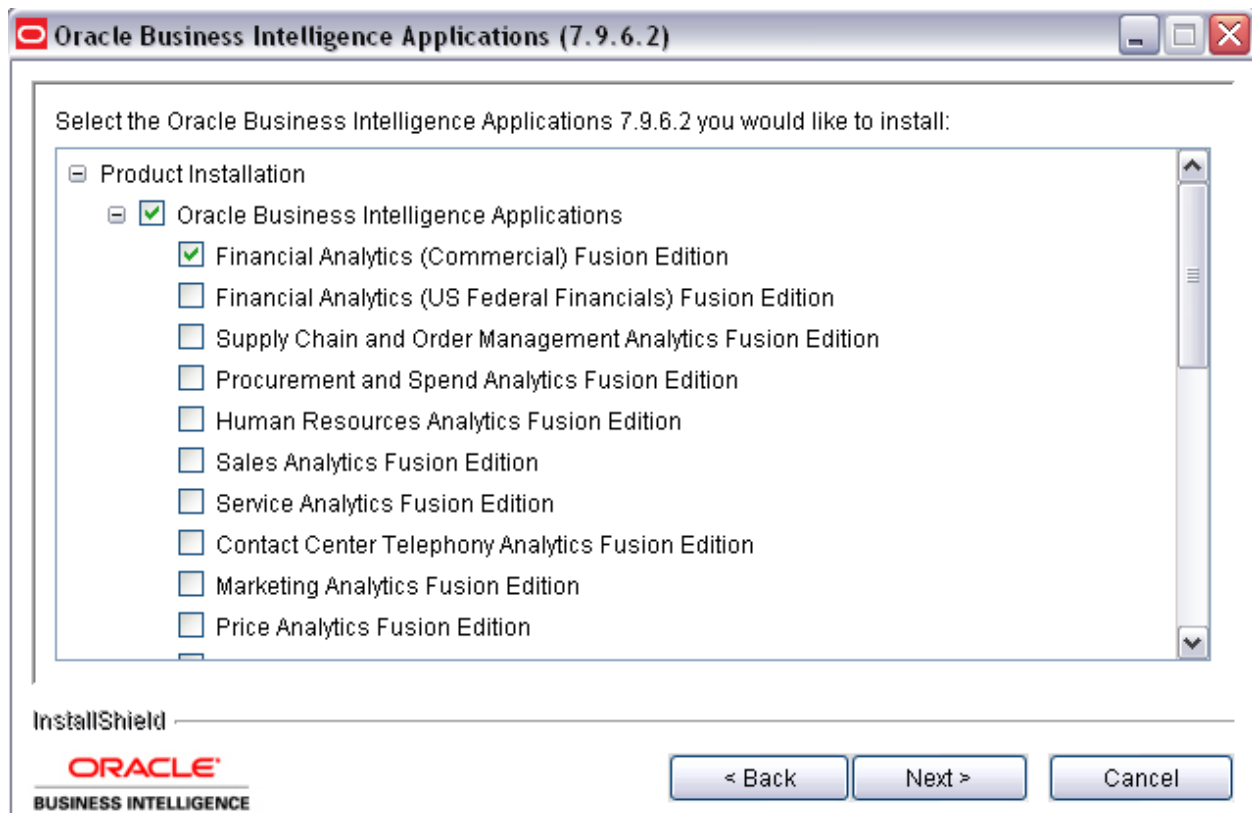
Browse

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Oracle Business Intelligence Applications (7.9.6.2)

Please read the summary information below.

Oracle Business Intelligence Applications 7.9.6.2 will be installed in the following location:
C:\OracleBI
with the following applications:
Oracle Business Intelligence Applications
Financial Analytics (Commercial) Fusion Edition
for a total size:
3120 MB

InstallShield

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Recommended Tablespace Configuration

Datwarehouse - Physical database installation guideline

During the Oracle Business Analytics Warehouse configuration process, when you create the data warehouse tables, "Creating Data Warehouse Tables," you can create tables in one tablespace and indexes in another tablespace. However, for performance reasons, it is recommended that you create tablespaces as described below

Tablespace Name	List of Tables
DIM_STG	W_*DS
FACT_STG	W_*FS
DIM	W_*D and W_*MD
FACT	W_*F
AGG	W_*A
OTHER	Remaining W* tables
DIM_INDX	Indexes of W_*D tables (for example, other tables would include W*G and W*GS tables)
FACT_INDX	Indexes of W_*F tables
OTHER_INDX	Remaining indexes of W* tables

```
create tablespace DIM_STG datafile '/d02/oracle/obi/oradata/obi/dim_stg.dbf' size 500m autoextend
on next 100m maxsize 2000m;
```

```
create tablespace FACT_STG datafile '/d02/oracle/obi/oradata/obi/FACT_STG.dbf' size 500m
autoextend on next 100m maxsize 2000m;
```

```
create tablespace DIM datafile '/d02/oracle/obi/oradata/obi/DIM.dbf' size 500m autoextend on next
100m maxsize 2000m;
```

```
create tablespace FACT datafile '/d02/oracle/obi/oradata/obi/FACT.dbf' size 500m autoextend on next
100m maxsize 2000m;
```

```
create tablespace AGG datafile '/d02/oracle/obi/oradata/obi/AGG.dbf' size 500m autoextend on next
100m maxsize 2000m;
```

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```
create tablespace OTHER datafile '/d02/oracle/obi/oradata/obi/OTHER.dbf' size 500m autoextend on
next 100m maxsize 2000m;
```

```
create tablespace DIM_INDX datafile '/d02/oracle/obi/oradata/obi/DIM_INDX.dbf' size 500m
autoextend on next 100m maxsize 2000m;
```

```
create tablespace FACT_INDX datafile '/d02/oracle/obi/oradata/obi/FACT_INDX.dbf' size 500m
autoextend on next 100m maxsize 2000m;
```

```
create tablespace OTHER_INDX datafile '/d02/oracle/obi/oradata/obi/OTHER_INDX.dbf' size 500m
autoextend on next 100m maxsize 2000m;
```

Create the database container

[Oracle Database - Installation](#)

With the init.ora parameter file that is located in OracleBI_Home\dwrep\Documentation. The init files contains very valuable informations and a schema for datawarehouse database creation.

One or more database instance are needed to hold the following:

- DAC Repository
- Domain Configuration Database
- Informatica Repository
- Oracle Business Analytics Warehouse

Note the following points:

- The transactional (OLTP) database user that is registered in DAC should be the database table owner. Alternatively, at a minimum, the user registered in DAC must have read privileges on the transactional database for all tables and aliases as well as rights to create triggers and views on all tables and aliases.
- For efficient ETL, DAC and Informatica components utilize multiple connections to the Oracle Business Analytics Warehouse. The Oracle Business Analytics Warehouse database must allow for a minimum of 100 connections to be made by DAC and Informatica. In addition, ensure that these connections are not allowed to time out. Consult with your network administrator and DBA for information on how to ensure these requirements.
- Make sure that the Oracle Business Analytics Warehouse instance is granted the SSE_ROLE.

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```
CREATE ROLE SSE_ROLE;  
GRANT CONNECT TO SSE_ROLE;  
GRANT RESOURCE TO SSE_ROLE;  
GRANT SELECT ANY TABLE TO SSE_ROLE;  
GRANT INSERT ANY TABLE TO SSE_ROLE;  
GRANT UPDATE ANY TABLE TO SSE_ROLE;  
GRANT DELETE ANY TABLE TO SSE_ROLE;  
GRANT GRANT ANY OBJECT PRIVILEGE TO SSE_ROLE;  
GRANT GRANT ANY PRIVILEGES TO SSE_ROLE;
```

For an Oracle database, the following additional privileges SELECT, INSERT, UPDATE, DELETE, GRANT must be granted to the SSE ROLE if the DAC Repository and the Informatica Repository are stored in a different database from the data warehouse database

```
CREATE USER DWH_REP IDENTIFIED BY DWH_REP  
DEFAULT tablespace users  
TEMPORARY tablespace temp  
quota unlimited ON users;  
  
GRANT CONNECT, resource, CREATE VIEW TO DWH_REP;  
GRANT SSE_ROLE TO DWH_REP;
```

For more information

http://gerardnico.com/wiki/obia/installation_7961