

Oracle® Strategic Operational Planning

Release 3.5.1

Quick Installation Guide

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Purpose

This document describes how to install Oracle® Strategic Operational Planning.

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System Requirements

The minimum hardware and software prerequisites for installing Oracle Strategic Operational Planning are provided below.

Server Configuration

Server Component	Description
Hardware Configuration	<p>A dedicated server machine with the following configuration:</p> <ul style="list-style-type: none">• Pentium IV processor 1.6 GHz or higher• 2 GB RAM or higher• 60 GB hard disk space or more <p>Note: 80 GB hard disk space is recommended to accommodate growth and backup requirements.</p>

Server Component	Description
Operating System	One of the following: <ul style="list-style-type: none"> Windows 2000 Server with Service Pack 4 Windows 2003 Server with the latest patches
Database Software	One of the following: <ul style="list-style-type: none"> Microsoft SQL Server 2000 with Service Pack 3a Oracle 9.2.0 or 10.2.0 <p>Note: A JDBC driver is required. The Microsoft SQL Server JDBC driver does not come with the default installation. Download the JDBC driver version 1.1 (sqljdbc.jar) from: http://www.microsoft.com/downloads/details.aspx?FamilyId=6D483869-816A-44CB-9787-A866235EFC7C&displaylang=en Then copy the jar file to the installation lib directory.</p>
Development Tools	Java Development Kit JDK 1.5.0_xx where xx represents update 11 or above
Web Browser	Microsoft Internet Explorer 6 or higher, with the latest patches.

Client Configuration

Client Component	Description
Operating System	One of the following: <ul style="list-style-type: none"> Windows 2000 Professional with Service Pack 4 Windows XP with Service Pack 2
Microsoft Excel	One of the following: <ul style="list-style-type: none"> Microsoft Excel 2003 with Service Pack 1 or higher Microsoft Excel XP with Service Pack 3 or higher
Web Browser	Microsoft Internet Explorer 6 or higher, with the latest patches

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Installing Oracle Strategic Operational Planning

This section discusses:

- Installing Oracle Strategic Operational Planning on a Server Machine

- Installing Oracle Strategic Operational Planning as an NT Service
- Installing Oracle Strategic Operational Planning with Provided Samples

Important: Before installing Oracle Strategic Operational Planning, ensure that your server machine meets the minimum hardware and software prerequisites.

Installing Oracle Strategic Operational Planning on a Server Machine

To install Oracle Strategic Operational Planning on a server machine:

1. On the server machine, create a directory where the application will be installed.

For example, `c:\oracle_sop`

2. Copy the ZIP file containing Oracle Strategic Operational Planning installation files into the installation directory you just created.
3. In the installation directory, unzip the installation files.
4. Open a DOS command prompt window and set system environment variables as follows:
 - a. Select **Run** from the Windows **Start** menu.
 - b. In the **Open** text field, enter `cmd` and click **OK**.
 - c. At the command prompt, enter:

```
set JDK150ROOT=c:\jdk_root
```

where

`c:\jdk_root` is the directory where JDK 1.5.0_xx is installed. For example,
`c:\j2sdk1.5.0_xx`

You can also create a batch file containing the above command to use when setting the environment variable.

5. Set Oracle Strategic Operational Planning properties as follows:

- Using a text editor, open:

```
%INSTALL_ROOT%\custom\config\site.properties
```

where `%INSTALL_ROOT%` is the Oracle Strategic Operational Planning installation directory. For example, `c:\oracle_sop`.

- In `site.properties`, add or modify the following parameter values to correspond with your database configuration.

Microsoft SQL Server 2000:

- o `db.driver=com.microsoft.jdbc.sqlserver.SQLServerDriver`
- o `db.server=my_db_server`
- o `db.database=osop`
- o `db.port=1433`
- o `db.user=db_username`
- o `db.password=db_password`

where

my_db_server is the name of your database server

osop is the database name

db_username is the name of the user who has access to the database

db_password is the password for the database user.

Oracle:

- o `db.driver=oracle.jdbc.OracleDriver`

- o `db.server=my_db_server`

- o `db.database=orcl`

- o `db.port=1521`

- o `db.user=db_username`

- o `db.password=db_password`

where

my_db_server is the name of your database server

orcl is your Oracle SID name

db_username is the name of the user who has access to the database

db_password is the password for the database user

- Set the hostname:

`Server.HTTP.Host=myhost.domain.com`

where *myhost.domain.com* is your machine name with fully qualified domain name

- Set the port number:

`Server.HTTP.Port=xxxx` (default to 4444)

- Set the Security Key:

`Security.SecureKey=arbitrary_key`

where *arbitrary_key* is any word you can use as a key to encrypt all the passwords. It can be any combinations of numbers, letters, and special characters.

- Save the changes to `site.properties`.

6. In the same DOS command prompt window, change to the `\bin` directory in the Oracle Strategic Operational Planning installation directory, reset the Oracle Strategic Operational Planning database, and start the server.

To do this, enter:

- `cd %INSTALL_ROOT%\bin`

where `%INSTALL_ROOT%` is the Oracle Strategic Operational Planning installation directory.

- `isreset`

Enter a license key code when prompted.

The Administrator account is created after `isreset`. By default, the administrator username is `admin` and the password is `password`.

- `startserver`

Wait until `isreset` finishes and the command prompt returns before you run `startserver`.

7. After the server starts, open a second DOS command prompt window and set the same system environment variable that you set earlier.

If you created a batch command file containing the necessary command line, rerun the batch command in the second window.

8. In the second DOS command prompt window, navigate to the `\bin` directory in the Oracle Strategic Operational Planning installation directory, and run `initializesystem` to load data into the Oracle Strategic Operational Planning database.

To do this, enter the following commands in the second window:

- `cd %INSTALL_ROOT%\bin`

where `%INSTALL_ROOT%` is the Oracle Strategic Operational Planning installation directory

- `initializesystem -u admin -p password`
-u defines the username of the administrator
-p defines the administrator password

The Oracle Strategic Operational Planning server is now running in the first command prompt window. This window must remain open for the server to run.

The server is ready to accept requests from client machines, and you can log into the application from your web browser by connecting to the following URL:

<http://myhost.domain.com:port/interlace>

where `myhost` and `port` represent the settings for `Server.HTTP.Host` and `Server.HTTP.Port` that you changed earlier.

Installing Oracle Strategic Operational Planning as an NT Service

To install Oracle Strategic Operational Planning as an NT service:

1. Add the following parameter to `site.properties`:

`Server.Catalina.ServiceName=service_name`

where `service_name` is a name you assign for this model/instance.

2. Open a DOS command prompt window and set environment variables as follows:

- Select **Run** from the Windows **Start** menu.
- In the **Open** text field, enter `cmd` and click **OK**.

- At the command prompt, enter:

```
set JDK150ROOT=c:\jdk_root
```

where *c:\jdk_root* is the directory where JDK 1.5.0_xx is installed. For example, *c:\j2sdk1.5.0_xx*.

If you previously created a batch file containing the above command, run the batch command to set the environment variable.

3. In the same command prompt window, change to the *\bin* directory in the Oracle Strategic Operational Planning installation directory and start the server.

To do this, enter:

- `cd %INSTALL_ROOT%\bin`
- `installntservice`

where *%INSTALL_ROOT%* is the Oracle Strategic Operational Planning installation directory. For example, *c:\oracle_sop*.

4. Start/stop the server using one of the following methods:

- `net start/stop service_name`
- Through services control

Installing Oracle Strategic Operational Planning with Provided Samples

To install Oracle Strategic Operational Planning with provided samples:

1. Copy *%INSTALL_ROOT%\samples\sample** to *%INSTALL_ROOT%\custom*.
2. Complete steps 4-7 in "Installing Oracle Strategic Operational Planning on a Server Machine" to initialize the system
3. In the second DOS command prompt window, navigate to the *custom* directory in the Oracle Strategic Operational Planning installation directory, and run *%INSTALL_ROOT%\bin\runant* to build a custom implementation.
4. Navigate to the *custom\bin* directory in the Oracle Strategic Operational Planning installation directory, and run *bootstrap* to load data into the Oracle Strategic Operational Planning database.

To do this, enter the following commands in the second window:

- `cd %INSTALL_ROOT%\custom\bin`
where *%INSTALL_ROOT%* is the Oracle Strategic Operational Planning installation directory
- `bootstrap -u admin -p password`
-u defines the name of the administrator
-p defines the administrator password

The Oracle Strategic Operational Planning server is now ready to accept requests from client machines, and you can log into the application from your web browser by connecting to the following URL:

<http://myhost.domain.com:port/interlace>

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Starting and Stopping Oracle Strategic Operational Planning

These instructions assume that the Oracle Strategic Operational Planning server is currently running in a DOS command prompt window.

You may need to stop and restart the Oracle Strategic Operational Planning server in the following circumstances:

- To reload worksheet templates after making changes to a worksheet template XML file
- To reload XML definition files after restructuring dimensions

To start the Oracle Strategic Operational Planning server:

Note: If a DOS command prompt window is currently open with environment variables already set, skip to Step 2.

1. Open a DOS command prompt window and set environment variables as follows:

- Select **Run** from the Windows **Start** menu.
- In the **Open** text field, enter `cmd` and click **OK**.

- At the command prompt, enter:

```
set JDK150ROOT=c:\jdk_root
```

where `c:\jdk_root` is the directory where JDK 1.5.0_xx is installed. For example, `c:\j2sdk1.5.0_xx`.

If you previously created a batch file containing the above command, run the batch command to set the environment variable.

2. In the same command prompt window, change to the `\bin` directory in the Oracle Strategic Operational Planning installation directory and start the server.

To do this, enter:

- `cd %INSTALL_ROOT%\bin`

where `%INSTALL_ROOT%` is the Oracle Strategic Operational Planning installation directory. For example, `c:\oracle_sop`.

- `startserver`

The Oracle Strategic Operational Planning server is now running in the command prompt window. This window must remain open for the server to run.

To stop the Oracle Strategic Operational Planning server:

1. Open a second DOS command prompt window and set environment variables as follows:

- Select **Run** from the Windows **Start** menu.
- In the **Open** text field, enter `cmd` and click **OK**.
- At the command prompt, enter:

```
set JDK150ROOT=c:\jdk_root
```

where `c:\jdk_root` is the directory where JDK 1.5.0_xx is installed. For example,
`c:\j2sdk1.5.0_xx`

If you previously created a batch file containing the above command, run the batch command to set the environment variable.

2. In the same command prompt window, change to the `\bin` directory in the Oracle Strategic Operational Planning installation directory and stop the server.

To do this, enter:

- `cd %INSTALL_ROOT%\bin`
where `%INSTALL_ROOT%` is the Oracle Strategic Operational Planning installation directory. For example, `c:\oracle_sop`.
- `stopserver`

The Oracle Strategic Operational Planning server stops and the command prompt returns in the first command prompt window. After the server stops, you can close the second window.

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License Keys

Oracle Strategic Operational Planning comes with an unsigned license key which allows you to start using the application. When used with the license, you are prompted for unsigned active-X control when connecting to the server.

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