

Oracle® Business Process Analysis Suite

Installation Guide

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Preface

This Preface contains the following topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

Audience

Oracle Business Process Analysis Suite - Installation Guide is intended for system administrators who perform the following tasks:

- Install Oracle Business Process Analysis Suite
- Configure Oracle Business Process Analysis Suite

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

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Related Documents

For more information, see the following document in the Oracle Other Product One Release 7.0 documentation set or in the Oracle Other Product Two Release 6.1 documentation set:

- *Oracle Business Process Architect - Quick Start Guide*
- *Oracle Business Process Publisher - Quick Start Guide*
- *Oracle Business Process Analysis Suite - Method*
- *Oracle Business Process Analysis Suite - Administration Guide*
- *Oracle Business Process Analysis Suite - XML Export/Import Interface*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Manual Conventions

This chapter describes the manual conventions.

1.1 Writing Conventions and Formatting Features

In the Installation Guide, menu items, file names, etc. can be recognized by the following writing conventions and formatting features:

Table 1–1 Writing Conventions/ Formatting Features

Writing Conventions/ Formatting Features	Example
Menu items, shortcut keys, dialog boxes, file names, keyboard entries, etc. are written in bold .	Click on OK . Enter the path in the sample.txt file.
Sequences of menus and menu items are listed in order, separated by slashes.	Click on Help/Help Topics .
User-defined entries are highlighted in bold and enclosed in angle brackets.	Enter the path <directory>\server .

Installation - Fundamentals

When you insert an Oracle BPA Suite CD into the CD drive of your Windows computer, the start page opens automatically. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run the **OracleBPA.exe** program or the respective **setup.exe** files.

Installation under a Red Hat Enterprise Linux 4.0 operating systems is script-based and is performed using the **install_bpa_10.1.3.xxxxx.sh** file (Oracle Business Process Architect); under Unix (HPUX, Solaris, AIX), it is performed using the **install_bpr_10.1.3.xxxxx.sh** file (Oracle Business Process Repository). **xxxxxx** stands for the current change list number.

Important documents are automatically stored during a Windows installation if you are installing Oracle BPA Suite products. You can access these documents via **Start/Programs/Oracle BPA Suite/Documents**.

Installations

This chapter describes the procedures for the individual installations. Each installation is explained step-by-step. It is assumed that you are performing the installation on a Windows operating system **for the first time** using the **OracleBPA.exe** autostart file, or on a Unix operating system with the script files (Page 2).

Please refer to the Oracle BPA Suite Administration Guide to obtain information on additional settings required for using **Oracle BPA Suite products**.

For a Windows Operating System Only

If you re-run an installation for installed programs, the following options are provided:

- **Modify**

Use this option to add more components and/or languages.

- **Repair**

This option repeats an installation with the current settings. This is useful if a program file was deleted by accident, for example. **Subsequently installed hotfixes are deleted and updated plug-ins are reset to their status on the installation CD.**

- **Remove**

This option uninstalls the component for which the installation program was launched.

Note: When you perform an update, add a language (**Modify Program** option) or repeat an installation (**Repair** option), the system checks if a CFG file was changed manually. If so, a backup copy of that file is generated before the new CFG file is installed. For example, if you changed the **arisserver.cfg** file manually, it is backed up (Page 53) in the **<Oracle BPA Suite installation directory>\server\backup\config** directory.

The settings from the previous installation are retained, such as the installation path, the program group and the languages you installed.

3.1 Oracle Business Process Architect Installation

This chapter describes the installation of Oracle Business Process Architect.

Windows

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the start page is not displayed automatically, run the relevant **Setup.exe** file.
3. The installation program's Welcome page opens.
4. Click on **Next**.
5. Once you have read the license agreements and accept them, click on **Yes**.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.
7. The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**.
8. If other Oracle BPA Suite 10.1.3.3 products are already installed on the computer, this step is skipped and the directory where the other products are installed is used. The **Select Program Folder** page opens. Select the program directory in which to place the program shortcut.

Click on **Next**. The program folder for **Oracle BPA Suite** is created.

To use a different name, enter a name in the **Program Folder** box or select the program folder in the **Existing Folders** box, and then click on **Next**.

9. Enable the check boxes for the relevant interface and method languages. Click on **Next**. The **Start Copy Operation** page opens.
10. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
11. Click on **Finish**.

The installation is complete and the installation program closes.

Linux

Procedure

1. Ensure that the system requirements for all products and functionalities are met (see Administration Guide).
2. Copy the **install_bpa_10.1.3.xxxxxx.sh** file to the directory where you want to install Oracle Business Process Architect.
3. When you are in the directory where you have copied the file, enter **./install_bpa_10.1.3.xxxxxx.sh** to install Oracle Business Process Architect.

The script extracts itself and stores the files in the **/bpa10.1.3** subdirectory. The configuration is performed automatically after configuration (**./bpa10.1.3/setup/configure.sh**).

You can start the `install_bpa_10.1.3.xxxxxx.sh` file from any directory of your choice. To do so, you need to enter the full path in front of the file name.

The path of Java Runtime Environment is stored in the `YYYYMMDD-HHMMDD.data.conf` file in the `./bpa10.1.3/setup/backup` directory.

3.2 Oracle Business Process Simulator installation

When you install Oracle Business Process Architect, Oracle Business Process Simulator is installed, as well.

Oracle Business Process Simulator takes into account the following model types:

- EPC
- EPC (material flow)
- EPC (column display)
- EPC (row display)
- EPC (table display)
- EPC (horizontal table display)
- PCD
- PCD (material flow)
- Office process
- Industrial process

The following model types are taken into account without having to be explicitly selected.

- Event diagrams that have been assigned to events,
- Function allocation diagrams that have been assigned to functions, and
- Organizational charts that have been assigned to human resources.

Oracle Business Process Simulator supports the same platforms as Oracle Business Process Repository (see Administration Guide). If you use Oracle Light as a database, Oracle Business Process Simulator accesses the Oracle Light instance.

3.3 Oracle BPA Suite Evaluation Version

If you want to test Oracle Business Process Architect, install Oracle Business Process Architect as an evaluation version.

You can test the Oracle BPA Suite modeling functions for 90 days.

If you purchase Oracle BPA Suite, you can continue to use the databases and models you created with the evaluation version.

3.4 Oracle Business Process Repository Installations

This chapter describes installations related to Oracle Business Process Repository.

For scenarios in which 200 or more users work simultaneously with Oracle BPA Suite, we recommend that you install Oracle Business Process Repository and the database system on different computers.

For the following procedures, it is assumed that there are no previous installations on the computer. You can install the following components in any combination: **Oracle BPA Suite Site Administrator**, **Oracle Business Process Repository Site Manager**, **Oracle Business Process Repository** and **Oracle BPA Suite Web Client Components** (Windows operating system only).

The instructions describe the installation sequence if you select one of the components provided. If you select more than one component, the installation sequences are combined in line with your selection.

3.4.1 Oracle Business Process Repository Installations (Windows Operating System)

This chapter describes installations related to Oracle Business Process Repository that can be performed under a Windows operating system.

Note: The installation for Windows 64 is performed in the same way as the installation under Windows 32; however, the **setup.exe** file in the **Business Process Repository Windows 64** directory on the installation CD must be started manually.

The installation then begins with step 4 of the respective step-by-step instructions.

3.4.1.1 Oracle BPA Suite Site Administrator

This section describes in detail the steps that the installation program performs when you install Oracle BPA Suite Site Administrator.

Step-by-Step Instructions

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the CD start page is not displayed automatically, double-click on the **OracleBPA.exe** file.
3. Click on **Install Oracle Business Process Repository**.
4. The installation program's Welcome page opens. Click on **Next**.
5. The license agreement is displayed. Please read carefully. To accept the license agreement, click **Yes**.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.

The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.

7. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.

8. Disable all check boxes except for the **Oracle BPA Suite Site Administrator** check box.
9. Click on **Next**.
10. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
11. Click on **Finish**.

The installation is complete and the installation program closes.

3.4.1.2 Oracle Business Process Repository Site Manager

This section describes in detail the steps that the installation program performs when you install Oracle Business Process Repository Site Manager.

WARNING: You may install Oracle Business Process Repository Site Manager only once for each Oracle BPA Suite Site.

3.4.1.2.1 Step-by-step - Configure and Connect Existing Oracle Database Instance You already have an Oracle database, but the database objects required for operating Oracle BPA Suite have not been created there yet.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the CD start page is not displayed automatically, double-click on the **OracleBPA.exe** file.
3. Click on **Install Oracle Business Process Repository**.
4. The installation program's Welcome page opens. Click on **Next**.
5. The license agreement is displayed. Please read carefully. To accept the license agreement, click **Yes**.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.

The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.

7. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.
8. Disable all check boxes except for the **Oracle Business Process Repository Site Manager** check box. The **Select Database System** dialog box opens.
9. Activate **Oracle database system**. Click on **Next**.
10. Enable **Configure and Connect Existing Oracle Database Instance**. The database may be installed locally or on a different computer.

11. Click on **Next**.
12. The installation program checks whether an sqlplus command is installed and whether a link can be established to it. If the checks run unsuccessfully, an error message is output. Verify and correct the server name, port number, service name for the database, and the password of the user **SYSTEM**.
13. Click on **Next**.
14. Select the data tablespace and the index tablespace. Click on **Next**.
15. Decide whether or not the program is to be installed as a Windows service by enabling the relevant option button. If you install it as a Windows service, it will be launched automatically with the operating system. Otherwise, you need to click on the program icon to run the program. Click on **Next**.
16. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
17. Click on **Finish**.

The installation is complete and the installation program closes.

3.4.1.2.2 Step-by-Step Instructions - Use Existing Oracle Database (Prepared for ARIS) The database objects required for operating Oracle BPA Suite are already created (for example, using the SQL*PLUS scripts (Page 18)).

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the CD start page is not displayed automatically, double-click on the **OracleBPA.exe** file.
3. Click on **Install Oracle Business Process Repository**.
The installation program's Welcome page opens. Click on **Next**.
4. The license agreement is displayed. Please read carefully. To accept the license agreement, click **Yes**.
5. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.
The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.
6. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.
7. Disable all check boxes except for the **Oracle Business Process Repository Site Manager** check box. The **Select Database System** dialog box opens.
8. Activate **Oracle database system**.

9. Enable **Connect to already configured Oracle database instance**. The database may be installed locally or on a different computer.
10. Click on **Next**. The **Use Existing Oracle Database** page opens.
11. Enter the host name, port number and service name for the database. Click on **Next**.
12. Decide whether or not the program is to be installed as a Windows service by enabling the relevant option button. If you install it as a Windows service, it will be launched automatically with the operating system. Otherwise, you need to click on the program icon to run the program. Click on **Next**.
13. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
14. Click on **Finish**.

The installation is complete and the installation program closes.

3.4.1.2.3 Step-by-step - Create new Oracle database instance You set up a new Oracle database instance and prepare it for use with < ARIS_long>.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the CD start page is not displayed automatically, double-click on the **OracleBPA.exe** file.
3. Click on **Install Oracle Business Process Repository**.
4. The installation program's Welcome page opens. Click on **Next**.
5. The license agreement is displayed. Please read carefully. To accept the license agreement, click **Yes**.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.

The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.

7. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.
8. Disable all check boxes except for the **Oracle Business Process Repository Site Manager** check box. The **Select Database System** dialog box opens.
9. Activate **Oracle database system**. Click on **Next**.
10. Activate **Create New Oracle Database Instance**. The database may be installed locally or on a different computer.
11. Click on **Next**.
12. Select the Oracle database installation to be used.

13. Select the directory for the database files of the database being created.

To use the directory suggested in the **Install Database Files To** box, click on **Next**. To install the database in a different directory than the one suggested, click on the **Browse** button.

Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the directory must not contain any country-specific special characters.

The name of the new database is **BPA**.

14. Enter the password for the system users in the **Password for SYS, SYSTEM, etc.** field and confirm your entry.
15. Enter the port number of the new Oracle Listener. It must be a port that is not used. This is checked in the next step.
16. Click on **Next**.
17. Decide whether or not the program is to be installed as a Windows service by enabling the relevant check box. If you install it as a Windows service, it will be launched automatically with the operating system. Otherwise, you need to click on the program icon to run the program.
18. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
19. Click on **Finish**.

The installation is complete and the installation program closes.

3.4.1.2.4 Step-by-Step - Microsoft SQL Server You set up a new Microsoft SQL Server and prepare it for use with Oracle Business Process Analysis Suite.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the CD start page is not displayed automatically, double-click on the **OracleBPA.exe** file.
3. Click on **Install Oracle Business Process Repository**.
4. The installation program's Welcome page opens. Click on **Next**.
5. The license agreement is displayed. Please read carefully. To accept the license agreement, click **Yes**.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.

The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.

7. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.
8. Disable all check boxes except for the **Oracle Business Process Repository Site Manager** check box. The **Select Database System** dialog box opens.
9. Enable the **Microsoft SQL Server** option and click on **Next**.
10. Decide whether or not the program is to be installed as a Windows service by enabling the relevant option button. If you install it as a Windows service, it will be launched automatically with the operating system. Otherwise, you need to click on the program icon to run the program. Click on **Next**.
11. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
12. Click on **Finish**.

The installation is complete and the installation program closes.

3.4.1.3 Oracle Business Process Repository/Oracle BPA Suite Site

This section describes in detail the steps that the installation program performs when you install Oracle Business Process Repository.

Hint

To install an Oracle BPA Suite Site, perform the installation on every computer you intend to use as an Oracle Business Process Repository in the Oracle BPA Suite Site.

Step-by-Step Instructions

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
3. Click on **Install Oracle Business Process Repository**.
4. The installation program's Welcome page opens. Click on **Next**.
5. Once you have read the license agreements and accept them, click on **Yes**.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.
7. The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.
8. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.

9. Disable all check boxes except for the **Oracle Business Process Repository** check box.
10. Click on **Next**.
11. Enter the name of the computer on which Oracle Business Process Repository Site Manager has been installed. Click on **Next**.
12. Decide whether or not the program is to be installed as a Windows service by enabling the relevant check box. If you install it as a Windows service, it will be launched automatically with the operating system. Otherwise, you need to click on the program icon to run the program.
13. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
14. Click on **Finish**.

The installation is complete and the installation program closes.

3.4.1.4 Oracle BPA Suite Web Client Components

If you want to use Oracle BPA Suite via a browser, you need to install Oracle BPA Suite Web Client Components.

Oracle BPA Suite Web Client Components consist of passive Web server components (e.g. HTML files) only.

Oracle BPA Suite Web Client Components and Web Server

Before your Web server can use Oracle BPA Suite Web Client Components, you need to specify **one** of the following settings:

- Map a drive to the WWW root of the Web server.
- Run Oracle Business Process Repository Setup on the computer where your Web server is installed. Enter the path to the WWW root, e.g. <C:\srv\www\>.

Oracle BPA Suite Web Client Components and HTML Generator

The **index.html** and **aris_database.html** files are updated by the HTML Generator during system operation (for further information, please refer to the chapter on **HTML Generator - Current Database Lists** in the Administration Guide). The HTML Generator is configured using the Oracle Business Process Repository **arissserver.cfg** file and uses the templates located in the **Oracle Business Process Repository\templates\htmlgen** directory. It is launched every time a database is created, deleted or renamed.

The following directories are created:

\lan

This is the start directory commonly used. It runs the Java-based Oracle BPA Suite products as an applet and enables direct access to the Oracle Business Process Repository.

\ssl

If you select this directory for launching Java-based Oracle BPA Suite products, the data exchange is encrypted (for further information, please refer to the chapter on **SSL Encryption of Data Transmission Via Secure Socket Layer** in the Administration Guide).

\app

If you select this directory for launching Java-based Oracle BPA Suite products, they are run as an application, not as an applet (for further information, please refer to the chapter on **Execution as Applet or Application** in the Administration Guide).

Note: The output and backup paths must be modified accordingly in the **<htmlgen>** section of the **arisserver.cfg** file. If your work is not limited to the use of only one Oracle Business Process Repository, you need to adjust the paths on the computer on which Oracle Business Process Repository Site Manager is installed.

Example

<Output path>

This section describes in detail the steps that the installation program performs on a Windows operating system when you install Oracle BPA Suite Web Client Components.

Step-by-Step Instructions

Installing Oracle BPA Suite Web Client Components on a computer with a Windows operating system.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Insert the installation CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
3. Click on **Install Oracle Business Process Repository**.
4. The installation program's Welcome page opens. Click on **Next**.
5. The license agreement is displayed. Please read carefully. To accept the license agreement, click **Yes**. The **Select Target Path** page opens.
6. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.

The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. The **Select Language** page opens.

7. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on **Next**. The **Select Components** page opens.
8. Disable all check boxes except for **Oracle BPA Suite Web Client Components**. Click on **Next**.
9. The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install the products in a different directory than the one suggested, click on **Browse**.

Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**.

10. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed. The installation process generates the **\html** directory in the specified path. A path is relative within the directory so that you can change the name of the path specified during installation without any negative impact.

For multilingual pages, the **index_app.html**, **index_lan.html**, and **index_ssl.html** start pages are located in the **\html** directory. The respective language page is located in the **\html\<languageid>** directory. These pages contain the database lists that are generated by the HTML Generator whenever Oracle BPA Suite deletes or adds databases or changes their names.

11. Click on **Finish**.

The installation is complete and the installation program closes.

Note: If you install Oracle Business Process Repository Site Manager and Oracle BPA Suite Web Client Components in one step, the installation program enters the path to the HTML Generator in the **arissrvr.cfg** file of the Oracle Business Process Repository Site Manager computer.

3.4.1.5 Importing SQL *Plus Scripts

The scripts supplied for the database server to create databases are sample scripts.

The scripts install the database objects required for operating Oracle BPA Suite in an existing Oracle database.

Alternatively, you can have the setup program (Page 10) create the database objects.

3.4.1.5.1 Available SQL *Plus Scripts Once the Oracle database is created, the scripts for importing the database objects required for operating Oracle BPA Suite can be run.

Note: For this, the Oracle user requires explicit privileges.

The following scripts are available:

aris70.bat

Batch file for importing all SQL *Plus scripts.

adminc.sql

Database objects for the **ARIS70ADM** catalog schema.

userc.sql

Connection user **ARIS70**.

schema_aris.sql

Stored procedure for creating new Oracle BPA Suite schemas for Oracle BPA Suite databases.

automgr.sql

Sample procedures and jobs for automating Oracle BPA Suite schema management.

If you use the **aris70.bat** batch file, you need to replace ARIS with the correct TNS name in the following line after @:

```
SET ARIS_ORA_CONNECT_DATA=@ARIS
```

If you want to use automatic Oracle BPA Suite schema management with values other than the defaults, you need to modify the automgr.sql file accordingly. Then remove the comment out signs from the line calling the automgr.sql script in the **aris70.bat** file.

3.4.1.5.2 Running the aris70.bat Batch File To import all SQL *PLUS scripts by running the aris70.bat batch file:

Procedure

1. Using the DOS box, switch to the directory containing the scripts.
2. Define two environment variables.

```
C:\> SET ORACLE_HOME=<path to Oracle home>
```

```
C:\> SET ORACLE_SID=<name of the Oracle instance, e.g. Oracle BPA Suite>
```

3. Run the batch file.

```
C:\> aris70.bat system manager <path to the scripts>
```

This example assumes that the stored procedures run under the authorization of the **system** Oracle database user with the password **manager**.

Example

aris70.bat system manager (the example assumes that the scripts are located in the current directory, which is why the period is used).

3.4.1.5.3 Modification Options You can change the names of the connection user, the catalog schema and the prefixes of the Oracle BPA Suite schemas. To do this, the scripts can be edited by changing all occurrences of ARIS70, ARIS70ADM and A70_.

If these entries are changed, the change must also be made in the LockService.cfg file of the Oracle BPA Suite Server. The default entries in this file are:

```
arisadm_user=ARIS70
arisadm_schema=ARIS70ADM
arisusrpfx=A70_
```

Further Explanatory Comment Regarding Database Objects

If you use the setup program instead of the SQL*PLUS scripts to create the database objects, then, in addition to the connection user **ARIS70** and the catalog schema user **ARIS70ADM**, a third Oracle database user **ARIS70JOB** is created. The Oracle database jobs for schema management are executed in its context.

The privileges of these three Oracle database users after creation of the database objects look like this:

Table 3–1 Oracle Database

Oracle Database	User	Admin Option Privilege
ARIS70	CREATE SESSION	NO
	ALTER SESSION	NO
ARIS70ADM	(none)	
ARIS70JOB	ALTER ANY TABLE	NO
	ANALYZE ANY	NO
	CREATE ANY INDEX	NO
	CREATE ANY TABLE	NO
	CREATE ANY TRIGGER	NO
	CREATE USER	NO
	DELETE ANY TABLE	NO
	DROP USER	NO
	GRANT ANY OBJECT PRIVILEGE	NO
	INSERT ANY TABLE	NO
	SELECT ANY TABLE	NO
	UNLIMITED TABLESPACE	YES
	UPDATE ANY TABLE	NO

3.4.2 Oracle Business Process Repository Installations (Unix Operating System)

This chapter describes installations related to Oracle Business Process Repository that may be performed under a Unix operating system.

The installation options are as follows:

- Oracle Business Process Repository and Oracle Business Process Repository Site Manager
- Only Oracle Business Process Repository
- Only Oracle Business Process Repository Site Manager

3.4.2.1 Oracle Business Process Repository Site Manager

This section describes in detail the steps that must be performed when you install Oracle Business Process Repository Site Manager.

WARNING: You may install Oracle Business Process Repository Site Manager only once for each Oracle BPA Suite Site.

Step-by-Step Instructions

Prerequisite

A database instance for ARIS must have been created on the database server.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Copy the **install_bpr10.1.3.3.xxxxxx.sh** file to the directory where you want Oracle Business Process Repository Site Manager to be installed.
3. When you are in the directory into which you copied the file, enter **./install_bpr10.1.3.3.xxxxxx.sh -bpr_type SM -jvm <path of the Java Runtime Environment> -dbserver <host name of the database server> -dbinstance <name of the database instance>** to install Oracle Business Process Repository Site Manager.

You must enter a fully qualified name for the database server, that is, **computerxyz.domainxyz.com**, for example.

You can start the **install_bpr10.1.3.3.xxxxxx.sh** file from any directory. To do so, you need to enter the full path in front of the file name.

The parameters are stored in the **YYMMDD-HHMMDD.data.conf** file in the **./bpr10.1.3.3/setup/backup** directory.

The script extracts itself and stores the files in the **/bpr10.1.3.3** subdirectory. The configuration is performed automatically after configuration (**./bpr10.1.3.3/setup/configure.sh**). The software is ready to run immediately.

3.4.2.2 Oracle Business Process Repository/Oracle BPA Suite Site

This section describes in detail the steps that must be performed when you install Oracle Business Process Repository.

Hint

To install an Oracle BPA Suite Site, perform the installation on every computer you intend to use as an Oracle Business Process Repository in the Oracle BPA Suite Site.

Step-by-Step Instructions

Prerequisite

A database instance for ARIS must have been created on the database server.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Copy the **install_bpr10.1.3.3.xxxxxx.sh** file to the directory where you want Oracle Business Process Repository to be installed.

3. When you are in the directory where you have copied the file, enter **`./install_bpr10.1.3.xxxxxx.sh -bpr_type BS -jvm <path of the Java Runtime Environment> -sitemanager <host name of the <Oracle Business Process Repository Site Manager>`** to install Oracle Business Process Repository.

You must enter a fully qualified name for the computer on which Oracle Business Process Repository Site Manager is installed, that is, **`computerxyz.domainxyz.com`**, for example.

You can start the **`install_bpr10.1.3.3.xxxxxx.sh`** file from any directory. To do so, you need to enter the full path in front of the file name.

The parameters are stored in the **`YYMMDD-HHMMDD.data.conf`** file in the **`./bpr10.1.3.3/setup/backup`** directory.

The script extracts itself and stores the files in the **`./bpr10.1.3.3`** subdirectory. The configuration is performed automatically after configuration (**`./bpr10.1.3.3/setup/configure.sh`**). The software is ready to run immediately.

Note

Oracle BPA Suite Site Administrator is automatically installed at the same time, as are the Oracle BPA Suite Web Client Components (Page 25).

3.4.2.3 Oracle Business Process Repository and Oracle Business Process Repository Site Manager

This section describes in detail the steps that must be performed when you install Oracle Business Process Repository and Oracle Business Process Repository Site Manager simultaneously.

Tip: To install an Oracle BPA Suite Site, perform the installation on every computer you intend to use as an Oracle Business Process Repository in the Oracle BPA Suite Site.

Step-by-Step Instructions

Prerequisite

A database instance for ARIS must have been created on the database server.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Copy the **`install_bpr10.1.3.3.xxxxxx.sh`** file to the directory where you want Oracle Business Process Repository to be installed.
3. When you are in the directory where you have copied the file, enter **`./install_bpr10.1.3.3.xxxxxx.sh -bpr_type BS_SM -jvm <path of Java Runtime Environment> -dbserver <host name of the database server> -dbinstance <name of the database instance>`** to install Oracle Business Process Repository and Oracle Business Process Repository Site Manager.

You must enter a fully qualified name for the database server, that is, **`computerxyz.domainxyz.com`**, for example.

You can start the **`install_bpr10.1.3.3.xxxxxx.sh`** file from any directory. To do so, you need to enter the full path in front of the file name.

The parameters are stored in the **YYMMDD-HHMMDD.data.conf** file in the **./bpr10.1.3.3/setup/backup** directory.

The script extracts itself and stores the files in the **/bpr10.1.3.3** subdirectory. The configuration is performed automatically after configuration (**./bpr10.1.3.3/setup/configure.sh**). The software is ready to run immediately.

Note

Oracle BPA Suite Site Administrator is automatically installed at the same time, as are the Oracle BPA Suite Web Client Components (Page 25).

3.4.2.4 Oracle BPA Suite Web Client Components

When you install Oracle Business Process Repository on a computer with a Unix operating system, the Oracle BPA Suite Web Client Components are installed automatically at the same time.

Oracle BPA Suite Web Client Components consist of passive Web server components (e.g. HTML files) only.

For multilingual pages, the **index_app.html**, **index_lan.html**, and **index_ssl.html** start pages are located in the **\html** directory. The respective language page is located in the **\html\<languageid>** directory. These pages contain the database lists that are generated by the HTML Generator whenever Oracle BPA Suite deletes or adds databases or changes their names.

Oracle BPA Suite Web Client Components and Web Server

Before your Web server can use Oracle BPA Suite Web Client Components, you need to specify **one** of the following settings:

- Map a drive to the WWW root of the Web server.
- Run Oracle Business Process Repository Setup on the computer where your Web server is installed. Enter the path to the WWW root, e.g. **<C:\srv\www\>**.

Oracle BPA Suite Web Client Components and HTML Generator

The **index.html** and **aris_database.html** files are updated by the HTML Generator during system operation (for further information, please refer to the chapter on **HTML Generator - Current Database Lists** in the Administration Guide). The HTML Generator is configured using the Oracle Business Process Repository **arissserver.cfg** file and uses the templates located in the **Oracle Business Process Repository\templates\htmlgen** directory. It is launched every time a database is created, deleted or renamed.

The following directories are created:

\lan

This is the start directory commonly used. It runs the Java-based Oracle BPA Suite products as an applet and enables direct access to the Oracle Business Process Repository.

\ssl

If you select this directory for launching Java-based Oracle BPA Suite products, the data exchange is encrypted (for further information, please refer to the chapter on **SSL Encryption of Data Transmission Via Secure Socket Layer** in the Administration Guide).

\app

If you select this directory for launching Java-based Oracle BPA Suite products, they are run as an application, not as an applet (for further information, please refer to the chapter on **Execution as Applet or Application** in the Administration Guide).

Note: The output and backup paths must be modified accordingly in the **<htmlgen>** section of the **arisserver.cfg** file. If your work is not limited to the use of only one Oracle Business Process Repository, you need to adjust the paths on the computer on which Oracle Business Process Repository Site Manager is installed.

Example

<Output path>

3.4.2.5 Importing SQL *Plus Scripts

The scripts supplied for the database server to create databases are sample scripts.

The scripts install the database objects required for operating Oracle BPA Suite in an existing Oracle database.

3.4.2.5.1 Available SQL *Plus Scripts Once the Oracle database is created, the scripts for importing the database objects required for operating Oracle BPA Suite can be run.

Note: For this, the Oracle user requires explicit privileges.

The following scripts are available:

aris70.sh

Shell script for importing all SQL *Plus scripts.

adminc.sql

Database objects for the **ARIS70ADM** catalog schema.

userc.sql

Connection user **ARIS70**.

schema_aris.sql

Stored procedure for creating new Oracle BPA Suite schemas for Oracle BPA Suite databases.

automgr.sql

Sample procedures and jobs for automating Oracle BPA Suite schema management.

If you use the **aris70.sh** script, you need to replace ARIS with the correct TNS name in the following line after @

```
ARIS_ORACLE_CONNECT_DATA=@ARIS
```

If you want to use automatic Oracle BPA Suite schema management with values other than the defaults, you need to modify the **automgr.sql** file accordingly. Then remove the comment out signs from the line calling the **automgr.sql** script in the **aris70.sh** file.

3.4.2.5.2 Running the aris70.sh Shell Script To import all SQL *PLUS scripts by running the **aris70.sh** shell script:

Procedure

1. Using the shell, switch to the directory containing the scripts.
2. Define two environment variables:

```
ORACLE_HOME=<path to Oracle home>
```

```
ORACLE_SID=<name of the Oracle instance, e.g. Oracle BPA Suite>
```

3. Run the shell script.

```
aris70.sh system manager <path to the scripts>
```

This example assumes that the stored procedures run under the authorization of the **system** Oracle database user with the password **manager**.

Example

aris70.sh system manager (The example assumes that the scripts are located in the current directory, which is why the period is used.)

3.4.2.5.3 Modification Options You can change the names of the connection user, the catalog schema and the prefixes of the Oracle BPA Suite schemas. To do this, the scripts can be edited by changing all occurrences of ARIS70, ARIS70ADM and A70_.

If these entries are changed, the change must also be made in the LockService.cfg file of the Oracle BPA Suite Server. The default entries in this file are:

```
arisadm_user=ARIS70
```

```
arisadm_schema=ARIS70ADM
```

```
arisusrpfx=A70_
```

Further Explanatory Comment Regarding Database Objects

If you use the setup program instead of the SQL*PLUS scripts to create the database objects, then, in addition to the connection user **ARIS70** and the catalog schema user **ARIS70ADM**, a third Oracle database user **ARIS70JOB** is created. The Oracle database jobs for schema management are executed in its context.

The privileges of these three Oracle database users after creation of the database objects look like this:

Table 3–2 Oracle Database

Oracle Database	User	Admin Option Privilege
ARIS70	CREATE SESSION	NO
	ALTER SESSION	NO
ARIS70ADM	(none)	
ARIS70JOB	ALTER ANY TABLE	NO
	ANALYZE ANY	NO
	CREATE ANY INDEX	NO

Table 3–2 (Cont.) Oracle Database

Oracle Database	User	Admin Option Privilege
	CREATE ANY TABLE	NO
	CREATE ANY TRIGGER	NO
	CREATE USER	NO
	DELETE ANY TABLE	NO
	DROP USER	NO
	GRANT ANY OBJECT PRIVILEGE	NO
	INSERT ANY TABLE	NO
	SELECT ANY TABLE	NO
	UNLIMITED TABLESPACE	YES
	UPDATE ANY TABLE	NO

3.4.3 Oracle Business Process Repository Installations (Linux Operating System)

This chapter describes installations related to Oracle Business Process Repository that may be performed under a Linux operating system.

The installation options are as follows:

- Oracle Business Process Repository and Oracle Business Process Repository Site Manager
- Only Oracle Business Process Repository
- Only Oracle Business Process Repository Site Manager

3.4.3.1 Oracle Business Process Repository Site Manager

This section describes in detail the steps that must be performed when you install Oracle Business Process Repository Site Manager.

WARNING: You may install Oracle Business Process Repository Site Manager only once for each Oracle BPA Suite Site.

Step-by-Step Instructions

Prerequisite

A database instance for ARIS must have been created on the database server.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Copy the **install_bpr10.1.3.3.xxxxxx.sh** file to the directory where you want Oracle Business Process Repository Site Manager to be installed.
3. When you are in the directory into which you copied the file, enter **./install_bpr10.1.3.3.xxxxxx.sh -bpr_type SM -jvm <path of the Java Runtime Environment> -dbserver <host name of the database server> -dbinstance <name of the database instance>** to install Oracle Business Process Repository Site Manager.

You must enter a fully qualified name for the database server, that is, **computerxyz.domainxyz.com**, for example.

You can start the **install_bpr10.1.3.3.xxxxxx.sh** file from any directory. To do so, you need to enter the full path in front of the file name.

The parameters are stored in the **YYMMDD-HHMMDD.data.conf** file in the **./bpr10.1.3.3/setup/backup** directory.

The script extracts itself and stores the files in the **/bpr10.1.3.3** subdirectory. The configuration is performed automatically after configuration (**./bpr10.1.3.3/setup/configure.sh**). The software is ready to run immediately.

3.4.3.2 Oracle Business Process Repository/Oracle BPA Suite Site

This section describes in detail the steps that must be performed when you install Oracle Business Process Repository.

Hint

To install an Oracle BPA Suite Site, perform the installation on every computer you intend to use as an Oracle Business Process Repository in the Oracle BPA Suite Site.

Step-by-Step Instructions**Prerequisite**

A database instance for ARIS must have been created on the database server.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Copy the **install_bpr10.1.3.3.xxxxxx.sh** file to the directory where you want Oracle Business Process Repository to be installed.
3. When you are in the directory where you have copied the file, enter **./install_bpr10.1.3.xxxxxx.sh -bpr_type BS -jvm <path of the Java Runtime Environment> -sitemanager <host name of the <Oracle Business Process Repository Site Manager>** to install Oracle Business Process Repository.

You must enter a fully qualified name for the computer on which Oracle Business Process Repository Site Manager is installed, that is, **computerxyz.domainxyz.com**, for example.

You can start the **install_bpr10.1.3.3.xxxxxx.sh** file from any directory. To do so, you need to enter the full path in front of the file name.

The parameters are stored in the **YYYYMMDD-HHMMDD.data.conf** file in the **/bpr10.1.3.3/setup/backup** directory.

The script extracts itself and stores the files in the **/bpr10.1.3.3** subdirectory. The configuration is performed automatically after configuration (**/bpr10.1.3.3/setup/configure.sh**). The software is ready to run immediately.

Note

Oracle BPA Suite Site Administrator is automatically installed at the same time, as are the Oracle BPA Suite Web Client Components (Page 25).

3.4.3.3 Oracle Business Process Repository and Oracle Business Process Repository Site Manager

This section describes in detail the steps that must be performed when you install Oracle Business Process Repository and Oracle Business Process Repository Site Manager simultaneously.

Tip: To install an Oracle BPA Suite Site, perform the installation on every computer you intend to use as an Oracle Business Process Repository in the Oracle BPA Suite Site.

Step-by-Step Instructions

Prerequisite

A database instance for ARIS must have been created on the database server.

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. Copy the **install_bpr10.1.3.3.xxxxxx.sh** file to the directory where you want Oracle Business Process Repository to be installed.
3. When you are in the directory where you have copied the file, enter **./install_bpr10.1.3.3.xxxxxx.sh -bpr_type BS_SM -jvm <path of Java Runtime Environment> -dbserver <host name of the database server> -dbinstance <name of the database instance>** to install Oracle Business Process Repository and Oracle Business Process Repository Site Manager.

You must enter a fully qualified name for the database server, that is, **computerxyz.domainxyz.com**, for example.

You can start the **install_bpr10.1.3.3.xxxxxx.sh** file from any directory. To do so, you need to enter the full path in front of the file name.

The parameters are stored in the **YYYYMMDD-HHMMDD.data.conf** file in the **/bpr10.1.3.3/setup/backup** directory.

The script extracts itself and stores the files in the **/bpr10.1.3.3** subdirectory. The configuration is performed automatically after configuration (**/bpr10.1.3.3/setup/configure.sh**). The software is ready to run immediately.

Note

Oracle BPA Suite Site Administrator is automatically installed at the same time, as are the Oracle BPA Suite Web Client Components (Page 25).

3.4.3.4 Oracle BPA Suite Web Client Components

When you install Oracle Business Process Repository on a computer with a Linux operating system, the Oracle BPA Suite Web Client Components are installed automatically at the same time.

Oracle BPA Suite Web Client Components consist of passive Web server components (e.g. HTML files) only.

For multilingual pages, the **index_app.html**, **index_lan.html**, and **index_ssl.html** start pages are located in the **\html** directory. The respective language page is located in the **\html\<languageid>** directory. These pages contain the database lists that are generated by the HTML Generator whenever Oracle BPA Suite deletes or adds databases or changes their names.

Oracle BPA Suite Web Client Components and Web Server

Before your Web server can use Oracle BPA Suite Web Client Components, you need to specify **one** of the following settings:

- Map a drive to the WWW root of the Web server.
- Run Oracle Business Process Repository Setup on the computer where your Web server is installed. Enter the path to the WWW root, e.g. **<C:\srv\www\>**.

Oracle BPA Suite Web Client Components and HTML Generator

The **index.html** and **aris_database.html** files are updated by the HTML Generator during system operation (for further information, please refer to the chapter on **HTML Generator - Current Database Lists** in the Administration Guide). The HTML Generator is configured using the Oracle Business Process Repository **arissserver.cfg** file and uses the templates located in the **Oracle Business Process Repository\templates\htmlgen** directory. It is launched every time a database is created, deleted or renamed.

The following directories are created:

\lan

This is the start directory commonly used. It runs the Java-based Oracle BPA Suite products as an applet and enables direct access to the Oracle Business Process Repository.

\ssl

If you select this directory for launching Java-based Oracle BPA Suite products, the data exchange is encrypted (for further information, please refer to the chapter on **SSL Encryption of Data Transmission Via Secure Socket Layer** in the Administration Guide).

\app

If you select this directory for launching Java-based Oracle BPA Suite products, they are run as an application, not as an applet (for further information, please refer to the chapter on **Execution as Applet or Application** in the Administration Guide).

Note: The output and backup paths must be modified accordingly in the **<htmlgen>** section of the **arissserver.cfg** file. If your work is not limited to the use of only one Oracle Business Process Repository, you need to adjust the paths on the computer on which Oracle Business Process Repository Site Manager is installed.

Example

<Output path>

3.4.3.5 Importing SQL *Plus Scripts

The scripts supplied for the database server to create databases are sample scripts.

The scripts install the database objects required for operating Oracle BPA Suite in an existing Oracle database.

3.4.3.5.1 Available SQL *Plus Scripts Once the Oracle database is created, the scripts for importing the database objects required for operating Oracle BPA Suite can be run.

Note: For this, the Oracle user requires explicit privileges.

The following scripts are available:

aris70.sh

Shell script for importing all SQL *Plus scripts.

adminc.sql

Database objects for the **ARIS70ADM** catalog schema.

userc.sql

Connection user **ARIS70**.

schema_aris.sql

Stored procedure for creating new Oracle BPA Suite schemas for Oracle BPA Suite databases.

automgr.sql

Sample procedures and jobs for automating Oracle BPA Suite schema management.

If you use the **aris70.sh** script, you need to replace ARIS with the correct TNS name in the following line after @

```
ARIS_ORA_CONNECT_DATA=@ARIS
```

If you want to use automatic Oracle BPA Suite schema management with values other than the defaults, you need to modify the **automgr.sql** file accordingly. Then remove the comment out signs from the line calling the automgr.sql script in the **aris70.sh** file.

3.4.3.5.2 Running the aris70.sh Shell Script To import all SQL *PLUS scripts by running the **aris70.sh** shell script:

Procedure

1. Using the shell, switch to the directory containing the scripts.
2. Define two environment variables:

```
ORACLE_HOME=<path to Oracle home>
```

```
ORACLE_SID=<name of the Oracle instance, e.g. Oracle BPA Suite>
```

3. Run the shell script.

```
aris70.sh system manager <path to the scripts>
```

This example assumes that the stored procedures run under the authorization of the **system** Oracle database user with the password **manager**.

Example

aris70.sh system manager (The example assumes that the scripts are located in the current directory, which is why the period is used.)

3.4.3.5.3 Modification Options You can change the names of the connection user, the catalog schema and the prefixes of the Oracle BPA Suite schemas. To do this, the scripts can be edited by changing all occurrences of ARIS70, ARIS70ADM and A70_.

If these entries are changed, the change must also be made in the LockService.cfg file of the Oracle BPA Suite Server. The default entries in this file are:

```
arisadm_user=ARIS70
arisadm_schema=ARIS70ADM
arisusrpfx=A70_
```

Further Explanatory Comment Regarding Database Objects

If you use the setup program instead of the SQL*PLUS scripts to create the database objects, then, in addition to the connection user **ARIS70** and the catalog schema user **ARIS70ADM**, a third Oracle database user **ARIS70JOB** is created. The Oracle database jobs for schema management are executed in its context.

The privileges of these three Oracle database users after creation of the database objects look like this:

Table 3–3 Oracle Database

Oracle Database	User	Admin Option Privilege
ARIS70	CREATE SESSION	NO
	ALTER SESSION	NO
ARIS70ADM	(none)	
ARIS70JOB	ALTER ANY TABLE	NO
	ANALYZE ANY	NO
	CREATE ANY INDEX	NO
	CREATE ANY TABLE	NO
	CREATE ANY TRIGGER	NO
	CREATE USER	NO
	DELETE ANY TABLE	NO
	DROP USER	NO
	GRANT ANY OBJECT PRIVILEGE	NO

Table 3–3 (Cont.) Oracle Database

Oracle Database	User	Admin Option Privilege
	INSERT ANY TABLE	NO
	SELECT ANY TABLE	NO
	UNLIMITED TABLESPACE	YES
	UPDATE ANY TABLE	NO

3.5 Oracle Business Process Publisher Server Installations

This chapter describes the Oracle Business Process Publisher Server installations for the approved Web application servers.

Oracle Business Process Publisher Servers manage Web exports. Web exports are Web applications based on **J2EE**. They use Java Servlets and Java Server Pages (**JSP**) which, in addition to a Java environment (**JDK**), also require a Web application server (for example, **Apache Tomcat**) as the operating environment. The data is held in a relational database system and is exchanged with the program via a **JDBC** interface.

The database system and **Apache Tomcat Web Application Server** are automatically installed if you select the standard installation for Oracle Business Process Publisher Server.

You can also install Oracle Business Process Publisher Server on other Web application servers. A description of the procedure may be found in the Installation Guide (**Start/Programs/Oracle BPA Suite/Documents/Oracle BPA Suite Installation Guide**).

Note: Generate new Web exports after installation of the current version. Web exports that you generated with the previous version can no longer be used.

Step-by-Step Instructions

This chapter describes the installation of Oracle Business Process Publisher Server.

Windows Operating System

Procedure

1. Ensure that the system requirements are met for all products and functionalities (please refer to the chapter on **Hardware and Software Requirements** in the Administration Guide).
2. If the start page is not displayed automatically, run the relevant **Setup.exe** file.
3. The installation program's Welcome page opens. Click on **Next**.
4. Once you have read the license agreements and accept them, click on **Yes**.
5. If other Oracle BPA Suite products are already installed on the computer, this step is skipped and the directory in which the other products are installed is used.
6. The **Select Target Path** page opens. Select the installation directory. To use the installation directory suggested in the **Target Folder** box, click on **Next**. To install

the products in a different directory than the one suggested, click on **Browse**. Enter the relevant path in the **Path** box or navigate to the relevant directory in the **Directories** box, and then click on **OK**. Note that the name of the installation directory must not contain any country-specific special characters. Click on **Next**. If other Oracle BPA Suite 10.1.3.3 products are already installed on the computer, this step is skipped and the directory where the other products are installed is used. The **Select Program Folder** page opens. Select the program directory in which to place the program shortcut.

Click on **Next**. The program folder for **Oracle BPA Suite** is created.

To use a different name, enter a name in the **Program Folder** box or select the program folder in the **Existing Folders** box, and then click on **Next**.

7. Enter the port number for accessing Oracle Business Process Publisher Server via a browser. The port number entered may not be used by any other application (e.g. Web server). Click on **Next**.
8. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
9. Click on **Finish**. The installation is complete and the installation program closes.
10. Communicate the URL (**<Oracle Business Process Publisher Server root directory>/<context>**) for users to access Web exports and for administrators to manage them. After the Oracle Business Process Publisher Server standard installation, the URL is **http://<server name>:8090/businesspublisher**, if you have not changed the standard settings during installation.

Unix Operating System

No installation program or script is required to install Oracle Business Process Publisher on a Unix operating system. The **businesspublisher.war** file on the Oracle BPA Suite installation CD is simply copied to a Web application server.

For example, for Apache Tomcat you copy the **businesspublisher.war** file to the Webapps directory, and then stop and start the Web application server. The War archive is extracted automatically.

Linux Operating System

No installation program or script is required to install Oracle Business Process Publisher on a Linux operating system. The **businesspublisher.war** file on the Oracle BPA Suite installation CD is simply copied to a Web application server.

Copy the **businesspublisher.war** file to the Webapps directory, and then stop and start the Web application server. The War archive is extracted automatically.

3.6 Acrobat Reader 7.0

In this section, you install the viewer for displaying PDF documents, for example, the Oracle BPA Suite Method Manual.

Procedure

1. If the start page is not displayed automatically, run the relevant installation program manually.
2. Click on **Acrobat Reader 7.0**.
3. The installation program's Welcome page opens. Click on **Next**.

The **Default application for viewing PDF** page opens.

4. Enable the option button for the required viewer version and click on **Next**.
5. To use the suggested installation directory, click on **Next** and continue with the next step. Note that the name of the installation directory must not contain any country-specific special characters.

To install the program in a different directory than the one suggested, click on **Browse**. Enter the desired path in the **Path** box or navigate to the desired directory in the **Directories** box. Click on **OK**. Click on **Next**.

6. Click on **Install**.

Acrobat Reader is installed.

3.7 Java Runtime Environment

If you want to use Oracle BPA Suite via a browser, install SUN Java Runtime Environment (JRE) if you have not yet done so. This section describes the standard installation process. To perform a different installation, enable the **Adapted** option button during JRE installation.

Procedure

1. If the start page is not displayed automatically, run the relevant installation program manually.
2. Click on **Java Runtime Environment** to start the JRE setup.
3. Once you have read the license agreements and accept them, enable the relevant check box and click on **Next**.
4. Enable the **Default** option and click on **Next**.
5. The installation is performed and a message is displayed when it is complete. Click on **Finish** to exit the JRE installation program.

Note: Install JRE in a path whose directory name does not include any spaces. Otherwise, JRE cannot be executed.

If you use software systems that install a proprietary JRE: Please ensure that the path to the SUN JRE is entered in the environment variables before that of the software systems with a proprietary JRE. Otherwise, Java-based Oracle BPA Suite products may not run via a browser.

This chapter describes how you can repair an existing Oracle BPA Suite installation. The installed files are repaired/restored, and the configuration is retained.

4.1 Repair Oracle Business Process Architect

This chapter describes how you can repair an Oracle Business Process Architect installation.

4.1.1 Repair Oracle Business Process Architect (Windows Operating System)

If the configuration files have been modified by the user, a message is output and a backup copy of the files with the same file name and the ***.bak** extension is stored in the **/bpa10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory.

The previous configuration can be restored by transferring the changes that are stored in the files with the ***.bak** extension.

Procedure

1. Insert the Oracle BPA Suite CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
2. Click on **Install Oracle Business Process Repository**. The installation program's Welcome page opens.
3. Enable the **Repair** option. Click on **Next**.
4. The components will now be installed. Click on **Finish**.

Oracle Business Process Architect has been repaired.

4.1.2 Repair Oracle Business Process Architect (Linux Operating System)

For repair under a Linux operating system (Red Hat Enterprise Linux 4.0), the **Repeat Installation with Repair of Existing Installation and Configuration** option is available.

Prerequisite

Before you begin the installation, exit all Linux processes that belong to Oracle BPA Suite.

Procedure

1. Copy the **install_bpa_10.1.3.xxxxxx.sh** file to the directory above your Oracle BPA Suite installation.
2. When you are in the directory where you have copied the file, enter **./install_bpa_10.1.3.xxxxxx.sh** to repair Oracle Business Process Architect. You can start the **install_bpa_10.1.3.xxxxxx.sh** file from any directory of your choice. To do so, you need to enter the full path in front of the file name.

The script checks the existing installation and saves the **data.conf** file in a temporary directory. The following files are stored in the **/bpa10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory:

```
/bpa10.1.3/JavaClient/config/*.  
/bpa10.1.3/LocalServer/config/*.  
/bpa10.1.3/LocalServer/sysconfig/*.  
/bpa10.1.3/LocalServer/html/*.  
/bpa10.1.3/LocalServer/designs/*.  
/bpa10.1.3/LocalServer/templates/*.  
/bpa10.1.3/LocalServer/rules/*.mapping  
/bpa10.1.3/*.sh
```

1. The script extracts itself in the existing directory, restores the current version of **data.conf** and repairs the configuration with the configuration stored in this file.

Oracle Business Process Architect has been repaired.

4.2 Repair Oracle Business Process Repository

This chapter describes how you can repair an Oracle Business Process Repository installation.

4.2.1 Repair Oracle Business Process Repository (Windows Operating System)

If the configuration files have been modified by the user, a message is output and a backup copy of the files with the same file name and the ***.bak** extension is stored in the **/bpa10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory.

The previous configuration can be restored by transferring the changes that are stored in the files with the ***.bak** extension.

Procedure

1. Insert the Oracle BPA Suite CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
2. Click on **Install Oracle Business Process Repository**. The installation program's Welcome page opens.
3. Enable the **Repair** option.
4. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
5. Click on **Finish**.

Oracle Business Process Repository has been repaired.

4.2.2 Repair Oracle Business Process Repository (Unix Operating System)

For repair under a Unix operating system, two options are available: A repeat installation with repair of the existing installation and configuration, and repair of the configuration only.

Prerequisite

Before you begin the installation, exit all Unix processes that belong to Oracle BPA Suite.

Repair Existing Installation While Retaining Configuration

Procedure

1. Copy the **install_bpr_10.1.3.xxxxxx.sh** file to the directory above your Oracle BPA Suite installation.
2. When you are in the directory where you have copied the file, enter **./install_bpr_10.1.3.xxxxxx.sh** to repair Oracle BPA Suite. You can start the **install_bpr_10.1.3.xxxxxx.sh** file from any directory. To do so, you need to enter the full path in front of the file name.

The script checks the existing installation and saves the **data.conf** file in a temporary directory. The following files are stored in the **/bpr10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory:

```
/bpr10.1.3/config/*.  
/bpr10.1.3/sysconfig/*.  
/bpr10.1.3/html/*.  
/bpr10.1.3/designs/*.  
/bpr10.1.3/templates/*.  
/bpr10.1.3/rules/*.mapping  
/bpr10.1.3/*.sh
```

1. The script extracts itself in the existing directory, restores the current version of **data.conf** and repairs the configuration with the configuration stored in this file.

Repair Configuration

The configuration of Oracle BPA Suite is repaired without a repeat installation.

Repair Files in Configuration Directory With Standard Configuration

Procedure

Enter **bpr10.1.3/setup/configure.sh -repair** to repair the configuration of Oracle BPA Suite with parameters from the **data.conf** file in the current directory.

Repair Files in Configuration Directory With Alternative Configuration File

Procedure

Enter **bpr10.1.3/setup/configure.sh -repair -datafile**
<bpr10.1.3/setup/backup/YYYYMMDD-HHMMSS.data.conf> to repair the

configuration of Oracle BPA Suite with parameters from the **YYYYMMDD-HHMMSS.data.conf** file in the backup directory.

Create New Configuration

Procedure

Enter **bpr10.1.3/setup/configure.sh -reconfigure -bpr_type <parameter>** to enter the configuration parameters again without using an existing configuration file.

The following parameters are available:

- **BS_SM** - if Oracle Business Process Repository Site Manager and Oracle Business Process Repository are installed
- **BS** - if only Oracle Business Process Repository is installed
- **SM** - if only Oracle Business Process Repository Site Manager is installed

In this case, the user input that is possible for an initial installation (Page 21) is expected.

Oracle Business Process Repository has been repaired.

4.3 Repair Oracle Business Process Publisher

This chapter describes how you can repair an Oracle Business Process Publisher installation.

4.3.1 Repair Oracle Business Process Publisher (Windows Operating System)

The installation program checks the existing installation. All changes made by the user following initial installation are retained, in other words, none of the files in the following directories are changed:

- <Oracle Business Process Publisher Server installation directory>\Tomcat\conf*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\logs*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\webapps\businesspublisher\config*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\webapps\businesspublisher\WEB-INF*.*

To ensure the repair of Oracle Business Process Publisher, the following files are deleted:

- <Oracle Business Process Publisher Server installation directory>\Tomcat\work*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\webapps\businesspublisher\WEB-INF\jsp*.*

Procedure

1. Insert the Oracle BPA Suite CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.

2. Click on **Install Oracle Business Process Publisher**. The installation program's Welcome page opens.
3. Enable the **Repair** option.
4. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.
5. Click on **Finish**.

Oracle Business Process Publisher has been repaired.

4.3.2 Repair Oracle Business Process Publisher (Unix Operating System)

No installation program or script is required to install Oracle Business Process Publisher on a Unix operating system. The **businesspublisher.war** file on the Oracle BPA Suite installation CD is simply copied to a Web application server.

For example, for Apache Tomcat you copy the **businesspublisher.war** file to the Webapps directory, and then stop and start the Web application server. The War archive is extracted automatically.

This chapter describes how you can update an existing Oracle BPA Suite installation.

5.1 Update Oracle Business Process Architect

This chapter describes how you can update an Oracle Business Process Architect installation.

Tip: You can use Oracle BPA Suite Converter to transfer databases that were created with previous Oracle BPA Suite versions (for further information, please refer to the chapter entitled **Transferring Data from Earlier Versions of Oracle BPA Suite** in the Administration Guide).

5.1.1 Update Oracle Business Process Architect (Windows Operating System)

If the configuration files have been modified by the user, a message is output and a backup copy of the files with the same file name and the ***.bak** extension is stored in the **/bpa10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory.

The previous configuration can be restored by transferring the changes that are stored in the files with the ***.bak** extension.

Procedure

1. Insert the Oracle BPA Suite CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
2. Click on **Install Oracle Business Process Architect**. The installation program's Welcome page opens. Click on **Next**.
3. Enable the check boxes for the relevant interface and method languages. Click on **Next**. The **Start Copy Operation** page opens.
4. The components will now be installed. Click on **Finish**.

Oracle Business Process Architect was updated.

5.1.2 Update Oracle Business Process Architect (Linux Operating System)

For update under a Linux operating system, the **Repeat Installation with Update of Existing Installation and Configuration** option is available.

Prerequisite

Before you begin the installation, exit all Linux processes that belong to Oracle BPA Suite.

Procedure

1. Copy the **install_bpa_10.1.3.xxxxxx.sh** file to the directory above your Oracle BPA Suite installation.
2. When you are in the directory where you have copied the file, enter **./install_bpa_10.1.3.xxxxxx.sh** to update Oracle Business Process Architect. You can start the **install_bpa_10.1.3.xxxxxx.sh** file from any directory of your choice. To do so, you need to enter the full path in front of the file name.

The script checks the existing installation and saves the **data.conf** file in a temporary directory. The following files are stored in the **/bpa10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory:

```
/bpa10.1.3/JavaClient/config/*.  
/bpa10.1.3/LocalServer/config/*.  
/bpa10.1.3/LocalServer/sysconfig/*.  
/bpa10.1.3/LocalServer/html/*.  
/bpa10.1.3/LocalServer/designs/*.  
/bpa10.1.3/LocalServer/templates/*.  
/bpa10.1.3/LocalServer/rules/*.mapping  
/bpa10.1.3/*.sh
```

1. The script extracts itself in the existing directory, restores the current version of **data.conf** and updates the configuration with the configuration stored in this file.

Oracle Business Process Architect was updated.

5.2 Update Oracle Business Process Repository

This chapter describes how you can update an Oracle Business Process Repository installation.

5.2.1 Update Oracle Business Process Repository (Windows Operating System)

If the configuration files have been modified by the user, a message is output and a backup copy of the files with the same file name and the ***.bak** extension is stored in the **/bpa10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory.

The previous configuration can be restored by transferring the changes that are stored in the files with the ***.bak** extension.

Procedure

1. Insert the Oracle BPA Suite CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
2. Click on **Install Oracle Business Process Repository**. The installation program's Welcome page opens.
3. Enable the check boxes for the languages in which you want to install the program. Ensure that all languages you want to provide are installed. Click on

Next. Check your settings in the summary. If your settings are correct, click on **Next**. The components will now be installed.

4. Click on Finish.

Oracle Business Process Repository was updated.

5.2.2 Update Oracle Business Process Repository (Unix Operating System)

For update under a Unix operating system, the **Repeat Installation with Update of Existing Installation and Configuration** option is available.

Prerequisite

Before you begin the installation, exit all Unix processes that belong to Oracle BPA Suite.

Update Existing Installation and Configuration

Procedure

1. Copy the **install_bpr_10.1.3.xxxxxx.sh** file to the top directory of your Oracle BPA Suite installation.
2. When you are in the directory where you have copied the file, enter **./install_bpr_10.1.3.xxxxxx.sh** without further parameters to update Oracle BPA Suite. You can start the **install_bpr_10.1.3.xxxxxx.sh** file from any directory. To do so, you need to enter the full path in front of the file name.

The script checks the existing installation and saves the **data.conf** file in a temporary directory. The following files are stored in the **/bpr10.1.3/Backup/YYYYMMDD-HHMMSS** backup directory:

```
/bpr10.1.3/config/*.  
/bpr10.1.3/sysconfig/*.  
/bpr10.1.3/html/*.  
/bpr10.1.3/designs/*.  
/bpr10.1.3/templates/*.  
/bpr10.1.3/rules/*.mapping  
/bpr10.1.3/*.sh
```

1. The script extracts itself in the existing directory, restores the current version of **data.conf** and repairs the configuration with the configuration stored in this file.

Oracle Business Process Repository was updated.

5.3 Update Oracle Business Process Publisher

This chapter describes how you can update an Oracle Business Process Publisher installation.

5.3.1 Update Oracle Business Process Publisher (Windows Operating System)

The installation program checks the existing installation. All changes made by the user following initial installation are retained, in other words, none of the files in the following directories are changed:

- <Oracle Business Process Publisher Server installation directory>\Tomcat\conf*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\logs*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\webapps\businesspublisher\config*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\webapps\businesspublisher\WEB-INF*.*

To ensure the update of Oracle Business Process Publisher, the following files are deleted:

- <Oracle Business Process Publisher Server installation directory>\Tomcat\work*.*
- <Oracle Business Process Publisher Server installation directory>\Tomcat\webapps\businesspublisher\WEB-INF\jsp*.*

Procedure

1. Insert the Oracle BPA Suite CD into the CD drive. If the start page is not displayed automatically, click on the name of the CD drive in Windows Explorer and run **OracleBPA.exe**.
2. Click on **Install Oracle Business Process Publisher**. The installation program's Welcome page opens. Click on **Next**.
3. Click on **Finish**.

Oracle Business Process Publisher was updated.

5.3.2 Update Oracle Business Process Publisher (Unix Operating System)

No installation program or script is required to install Oracle Business Process Publisher on a Unix operating system. The **businesspublisher.war** file on the Oracle BPA Suite installation CD is simply copied to a Web application server.

For example, for Apache Tomcat you copy the **businesspublisher.war** file to the Webapps directory, and then stop and start the Web application server. The War archive is extracted automatically.

Additional Installation Information and Principles

This chapter provides installation information and basics.

6.1 Oracle BPA Suite - System Architecture

Oracle BPA Suite comprises the following components:

- Oracle Business Process Repository
- Oracle Business Process Publisher Server
- Database Server
- Oracle Business Process Architect
- Oracle Business Process Repository Site Manager (includes HTML Generator)
- Web server (Oracle BPA Suite Web Client Components)

6.2 Installation Scenarios

An overview of all possible installation modes is provided in chapter Installation Options (Page 2). Step-by-step instructions for each type of installation are provided in chapter Installations (Page 3).

In this section, you will find example scenarios. They help you identify the correct configuration for your installation. In principle, you should determine your requirements based on the following questions:

Question 1:

Do you intend to deploy Oracle BPA Suite on Windows (Page 7) or Unix operating systems (Page 21)?

Question 2:

Do you intend to work with Oracle BPA Suite on a single computer?

In this case, a local installation (Page 3) is sufficient.

If, on the other hand, several users are to work with Oracle BPA Suite simultaneously, you need to ask yourself the following question:

Question 3:

How many users do you expect to be working with Oracle BPA Suite simultaneously?

The answer to this question determines which database server you can use and whether you need more than one Oracle Business Process Repository.

If more than 50 users will be working with Oracle BPA Suite, you need to install Oracle Business Process Repository and the database server on different computers. Decide whether more than one Oracle Business Process Repository is required.

Question 4:

Will you be using Oracle Business Process Architect as an application or via a browser?

Oracle Business Process Architect can be installed or it can be launched via a browser. Launching the programs via a browser results in automatic software distribution. In this case, you need Oracle BPA Suite Web Client Components.

If you install Oracle Business Process Architect on the client computers, you do not need to install Oracle BPA Suite Web Client Components on the server. Furthermore, you can avoid possible JRE-related problems as the appropriate JRE is installed and used. Any previously installed JRE version that is used by your other programs will remain unchanged. In the event of an update, you need to perform a separate update for each client computer you installed if you do not use the auto update function. Using the auto-update function, you can automatically update installed clients from a central server.

Of course, mixed application scenarios are conceivable in which Java-based Oracle BPA Suite products are launched via a browser on some client computers and installed on other client computers.

Regardless of whether Oracle Business Process Architect is launched via a browser or is installed, it can be operated in the WAN (for a definition of WAN, see the glossary in the Administration Guide).

Question 5:

Do you intend to use Oracle Business Process Architect for modeling on the intranet or Internet?

The answer to this question determines how your network is to be scaled or whether encryption measures are required for data exchange (please refer to the chapter on **SSL Encryption of Data Transmission Via Secure Socket Layer** in the Administration Guide), for example.

6.3 Automatic Backup

When you perform an update, make changes to a program, add languages or uninstall a component, the following files and directories are backed up:

With a Client Installation in the <Oracle BPA Suite installation directory>\backup<date> Directory:

- <Oracle BPA Suite installation directory>\LocalServer\data\ aris70.odb (user databases) file
- <Oracle BPA Suite installation directory>\LocalServer\data\ aris70.opw (user databases) file
- <Oracle BPA Suite installation directory>\LocalServer\sysconfig directory
- <Oracle BPA Suite installation directory>\html directory
- <Oracle BPA Suite installation directory>\script directory

With a Server Installation in the <Oracle BPA Suite installation directory>\server\backup Directory:

- <Oracle BPA Suite installation directory>\LocalServer\data\ aris70.odb (user databases) file
- <Oracle BPA Suite installation directory>\LocalServer\data\ aris70.opw (user databases) file
- <Oracle BPA Suite installation directory>\server\sysconfig directory
- <Oracle BPA Suite installation directory>\server\templates directory

6.4 Particular Issues - Oracle BPA Suite Client and Oracle Business Process Repository on the Same Computer

Oracle Business Process Architect and Oracle Business Process Repository use shared components; these components only need to be installed once on each computer. Therefore there are certain aspects that you have to take into consideration when Oracle Business Process Architect and Oracle Business Process Repository are installed on the same computer.

If you make any changes to Oracle Business Process Architect or Oracle Business Process Repository, you need to ensure that they both run the same version after these changes and that they are installed with the same languages:

- Therefore, when you update a version, you need to ensure that it applies to both Oracle Business Process Repository and Oracle Business Process Architect.
- When you install additional languages, they need to be installed for both Oracle Business Process Repository and Oracle Business Process Architect.

