

Oracle9i Application Server

Migrating from Oracle9i Application Server 1.0.2.0

Release 1.0.2.1 for Sun SPARC Solaris

March 2001

Part No. A88779-01

This document guides you through the process of migrating from Oracle9i Application Server Release 1.0.2.0 to Release 1.0.2.1.

1.0 Preinstallation Tasks

You must perform the following tasks before installing Oracle9i Application Server 1.0.2.1.

1.1 Reviewing the Latest Product Information

Before installing Oracle9i Application Server Release 1.0.2.1, review the Release Notes and latest Release Notes Addendum. You can find the latest Release Notes Addendum on OTN at

<http://otn.oracle.com/products/ias>

1.2 Backing up Configuration and Data Files

Make backup copies of the following files and directories before installing Oracle9i Application Server.

- The `ORACLE_HOME/panama` directory.
- Changed files in the `ORACLE_HOME/ifs1.1/settings` directory and changed Oracle Internet File System configuration files stored in other directories.

To maintain your current configuration settings you will need to restore these files after installing Oracle9i Application Server 1.0.2.1.

ORACLE®

Copyright © 2001, Oracle Corporation.
All Rights Reserved.

Oracle is a registered trademark, and Oracle9i Application Server and Oracle HTTP Server powered by Apache are trademarks or registered trademarks of Oracle Corporation. Other names may be trademarks of their respective owners.

2.0 Installing Oracle9i Application Server 1.0.2.1

Install Oracle9i Application Server 1.0.2.1 into the same Oracle home as the 1.0.2.0 installation. You must follow all of the preinstallation and postinstallation tasks from the *Oracle9i Application Server Installation Guide* before completing the migration tasks in [Section 3.0, "Manually Migrating Components"](#) of this guide.

See Also: *Oracle9i Application Server Installation Guide*

3.0 Manually Migrating Components

Some components require additional postinstallation tasks you must perform to successfully complete the migration from Oracle9i Application Server, Release 1.0.2.0. This section describes the postinstallation tasks for the following components:

- [Section 3.1, "Components Migrated During Installation"](#)
- [Section 3.2, "Oracle9iAS Discoverer"](#)
- [Section 3.3, "Oracle9iAS Portal"](#)
- [Section 3.4, "Oracle9iAS Wireless"](#)
- [Section 3.5, "Oracle Business Components for Java"](#)
- [Section 3.6, "Oracle Internet File System"](#)

3.1 Components Migrated During Installation

Installing Oracle9i Application Server 1.0.2.1 automatically migrates some components. There are no additional migration steps for the following components:

- Oracle9iAS Database Cache
- Oracle9iAS Developer Kits
- Oracle9iAS Forms Services
- Oracle9iAS Reports Services
- Oracle9iAS Web Cache
- Oracle Enterprise Java Engine
- Oracle Enterprise Manager
- Oracle HTTP Server *powered by Apache*

3.2 Oracle9iAS Discoverer

The following sections describe tasks you must perform to successfully migrate Oracle9iAS Discoverer.

Note: The Oracle9i Application Server 1.0.2.1 installation uses the machine name for the Discoverer Services instance name.

Using Discoverer 3i and Oracle9iAS Discoverer Simultaneously Discoverer 3i users can still use the older version after installing Oracle9i Application Server.

See Also: *Oracle9i Application Server Release Notes* for further instructions on using both Discoverer versions.

Using Only Discoverer 3i If you have customized Oracle Discoverer 3i Viewer and do not want to use any of the new functionality in Oracle9iAS Discoverer, then perform the following tasks:

1. Open `ORACLE_HOME/6iserver/discwb4/html/disco4iv.xml` in a text editor.
2. Change the value of the `xml_version` parameter to `viewer33`.
3. Change the value of the `xsl_path` parameter to the location of the `disco3iv.xsl`. The default path is
`ORACLE_HOME/Apache/Apache/htdocs/disco3iv/html/disco3iv.xsl`.

Migrating Configuration Information to Oracle9iAS Discoverer If you have customized Oracle Discoverer 3i Viewer by modifying the default configuration files, you have two migration paths to choose from. Follow the instructions below appropriate for the changes to your old configuration files.

- If you have only changed `style.xsl` and want to use the new functionality, then perform the following tasks:
 - a. Backup `ORACLE_HOME/6iserver/discwb4/html/style.xsl`.
 - b. Copy `ORACLE_HOME/6iserver/discwb33/html/style.xsl` over `ORACLE_HOME/6iserver/discwb4/html/style.xsl`.
- If you have changed other configuration files, not including `style.xsl`, and want to use the new functionality, then perform the following tasks:
 - a. Identify which configuration files in
`ORACLE_HOME/6iserver/discwb33/html/` were modified.

- b. For each file identified in the previous step, make the same changes to the corresponding file in `ORACLE_HOME/6iserver/discwb4/html/`. Do not replace the files in `discwb4` with their counterparts in `discwb33`.

Migrating Preferences to Oracle9iAS Discoverer To continue using Discoverer 3i Server preference settings with Oracle9iAS Discoverer, you must copy `ORACLE_HOME/6iserver/discwb33/util/pref.txt` over `ORACLE_HOME/6iserver/discwb4/util/pref.txt` and then add lines to describe new preferences. Refer to the Oracle9iAS Discoverer Release Notes on Oracle9i Application Server Disk 1 for more information on these additions.

Note: You will have to reset user preferences, such as the default end user layer, using the Discoverer Options dialog.

Upgrading the End User Layer If you have already installed a previous version of Oracle Discoverer, you must use Oracle Discoverer Administration Edition, Release 4.1 to upgrade the End User Layer. If you do not upgrade the End User Layer, users will not be able to use Oracle9iAS Discoverer.

Oracle Discoverer Administration Edition is shipped as part of Oracle9i Developer Suite.

See Also:

- <http://otn.oracle.com/products/ids> for more information on Oracle9i Developer Suite.
- *Oracle Discoverer Installation and Upgrade Guide* which is packaged with Oracle Discoverer Administration Edition.

3.3 Oracle9iAS Portal

The following sections describe tasks you must perform to successfully migrate Oracle9iAS Portal.

Correcting jserv.properties After installing Oracle9i Application Server 1.0.2.1, you must remove two lines from `jserv.properties`. The path to this file is `ORACLE_HOME/Apache/Jserv/etc/jserv.properties`.

Remove the following lines:

```
wrapper.classpath=ORACLE_HOME/portal30/bibeans/jewt-opt-4_0_15.zip
wrapper.classpath=ORACLE_HOME/portal30/bibeans/share-opt-1_1_4.zip
```

Upgrading the Oracle9iAS Portal Repository Oracle9iAS Portal uses an upgrade script for migration. The script and further migration instructions are available at

<http://otn.oracle.com/products/iportal>

3.4 Oracle9iAS Wireless

For information on upgrading Oracle9iAS Wireless, see Section 1.3 in the Oracle9iAS Wireless Configuration Guide in the Oracle9i Application Server Documentation Library.

3.5 Oracle Business Components for Java

After installing Oracle9i Application Server 1.0.2.1, you must remove duplicate and obsolete lines from `jserv.properties`. The path to this file is `ORACLE_HOME/Apache/Jserv/etc/jserv.properties`.

Remove **only one** occurrence of the following duplicate lines:

```
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/ordvir817.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/ordim817.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/ordhttp.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jboreremote.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jboorasql.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jndi.jar
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jbomt.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/javax_ejb.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jdev-rt.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jbohtml.zip
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/connectionmanager.zip
```

Remove the following obsolete lines:

```
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/oraclexmlsql.jar
wrapper.classpath=ORACLE_HOME/Apache/Apache/htdocs/OnlineOrders_html
wrapper.classpath=ORACLE_HOME/Apache/Apache/htdocs/OnlineOrders_html/OnlineOrders.jar
wrapper.classpath=ORACLE_HOME/Apache/BC4J/lib/jbodatum12.zip
```

Note: Only remove lines with "OnlineOrders" and not lines with "onlineorders".

3.6 Oracle Internet File System

The following steps describe tasks you must perform to successfully migrate Oracle Internet File System.

1. Stop Oracle Internet File System with the `ORACLE_HOME/ifs1.1/bin/ifsstop` command.
2. Restore the Oracle Internet File System configuration files backed up in [Section 1.2, "Backing up Configuration and Data Files"](#) to their original locations.
3. Start Oracle Internet File System with the `ORACLE_HOME/ifs1.1/bin/ifsstart` command.