Oracle® Collaboration Suite

Readme

Release 2 Patch Set 1 (9.0.4.2.0) for hp-ux PA-RISC (64-bit),
Linux x86, and Solaris Operating Environment (SPARC 32-bit)

Part No. B13767-02

July 2004

This book contains information about Oracle Collaboration
Suite Release 2 Patch Set 1 (9.0.4.2.0).

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Oracle Collaboration Suite Readme, Release 2 Patch Set 1 (9.0.4.2.0) for hp-ux PA-RISC (64-bit), Linux x86, and Solaris Operating Environment (SPARC 32-bit)

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Preface

The Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) contains new features for the product, in addition to fixing certain product bugs. Fixes have been made to the infrastructure, information storage, and middle tier components of Oracle Collaboration Suite.

This document accompanies the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0), and includes instructions for installing the patch set and pre- and postinstallation instructions for each component of Oracle Collaboration Suite for the following two scenarios, as applicable:

- Existing Oracle Collaboration Suite Release 2 (9.0.4.0.0) or Release 2 (9.0.4.1.0) installations that are configured and running

- New Oracle Collaboration Suite Release 2 (9.0.4.1.0) installations that will install the patch set prior to the product going live

This preface contains the following topics.

- Audience

- Organization

- Related Documentation

- Conventions

- Documentation Accessibility

- Contents of the Patch Set CD Pack

> **Note:** The information in this document is accurate to the best of our knowledge at the time of publication. You can access the latest information on the Oracle Technology Network at http://otn.oracle.com.

Audience

This book is intended for anyone interested in Oracle Collaboration Suite.

Organization

The organization of this book is as follows:

- Chapter 1, "Patch Set Preinstallation Requirements"

- Chapter 2, "Installing the Patch Set"

Related Documentation

The following documents have been revised for this patch set and can be found at

http://otn.oracle.com

Suite-Level Documents

Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)
Oracle Collaboration Suite Release Notes
Oracle Collaboration Suite Using Oracle Files
Oracle Collaboration Suite Using Web Conferencing
Oracle Collaboration Suite Using Oracle Webmail
Oracle Collaboration Suite Using Oracle Calendar

Oracle Files Documents

Oracle Files Administrator's Guide
Oracle Files Planning Guide

Oracle Web Conferencing Documents

Oracle Web Conferencing Administrator's Guide
Oracle Web Conferencing Sizing Guide

Contents of the Patch Set CD Pack

The Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) is shipped on three CDs, as follows:

- Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 1 of 2

- Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 2 of 2

- Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) Client CD

CD 1 and 2 contain the Oracle Collaboration Suite patch set.

The Client CD contains the following:

- Oracle Email Migration Tool version 9.0.4.2

- Oracle Voicemail & Fax server patch (Windows 2000-specific)

- Oracle Web Conferencing document and voice conversion servers patch (Windows-specific)

- The following clients:

Oracle Calendar

Oracle Connector for Outlook
Oracle Calendar desktop client for Windows
Oracle Calendar desktop client for Macintosh

Oracle Calendar desktop client for Linux
Oracle Calendar desktop client for Solaris
Oracle Calendar Sync for Palm for Windows
Oracle Calendar Sync for Palm for Macintosh
Oracle Calendar Sync for Pocket PC

Oracle Files

Oracle FileSync

Conventions

This section describes the conventions used in the text and code examples of this
documentation set. It describes:

- Conventions in Text

- Conventions in Code Examples

- Conventions for Windows Operating Systems

Conventions in Text

We use various conventions in text to help you more quickly identify special terms.
The following table describes those conventions and provides examples of their use.

Convention	Meaning	Example
Bold	Bold typeface indicates terms that are defined in the text or terms that appear in a glossary, or both.	When you specify this clause, you create an **index-organized table**.
Italic	Italic typeface indicates book titles or emphasis.	*Oracle10i Database Concepts* Ensure that the recovery catalog and target database do not reside on the same disk.
`UPPERCASE monospace (fixed-width) font`	Uppercase monospace typeface indicates elements supplied by the system. Such elements include parameters, privileges, datatypes, RMAN keywords, SQL keywords, SQL*Plus or utility commands, packages and methods, as well as system-supplied column names, database objects and structures, usernames, and roles.	You can specify this clause only for a `NUMBER` column. You can back up the database by using the `BACKUP` command. Query the `TABLE_NAME` column in the `USER_TABLES` data dictionary view. Use the `DBMS_STATS.GENERATE_STATS` procedure.

Convention	Meaning	Example
`lowercase monospace (fixed-width) font`	Lowercase monospace typeface indicates executables, filenames, directory names, and sample user-supplied elements. Such elements include computer and database names, net service names, and connect identifiers, as well as user-supplied database objects and structures, column names, packages and classes, usernames and roles, program units, and parameter values. **Note:** Some programmatic elements use a mixture of UPPERCASE and lowercase. Enter these elements as shown.	The password is specified in the `orapwd` file. Back up the datafiles and control files in the `/disk1/oracle/dbs` directory. The `department_id`, `department_name`, and `location_id` columns are in the `hr.departments` table. Set the QUERY_REWRITE_ENABLED initialization parameter to true. Connect as `oe` user. The `JRepUtil` class implements these methods.
`lowercase italic monospace (fixed-width) font`	Lowercase italic monospace font represents placeholders or variables.	You can specify the `parallel_clause` `Run Uold_release.SQL` where `old_release` refers to the release you installed prior to upgrading.
Text within angle brackets `< >`	Angle brackets represent variables in the Oracle Calendar sections of this document.	Enter the `<hostname>,<port>`.

Conventions in Code Examples

Code examples illustrate SQL, PL/SQL, SQL*Plus, or other command-line statements. They are displayed in a monospace (fixed-width) font and separated from normal text as shown in this example:

```
SELECT username FROM dba_users WHERE username = 'MIGRATE';
```

The following table describes typographic conventions used in code examples and provides examples of their use.

Convention	Meaning	Example
[ ]	Brackets enclose one or more optional items. Do not enter the brackets.	`DECIMAL (digits [,precision])`
{ }	Braces enclose two or more items, one of which is required. Do not enter the braces.	`{ENABLE	DISABLE}`
		A vertical bar represents a choice of two or more options within brackets or braces. Enter one of the options. Do not enter the vertical bar.	`{ENABLE	DISABLE}`  `[COMPRESS	NOCOMPRESS]`

...	Horizontal ellipsis points indicate either:
	
	■ That we have omitted parts of the code that are not directly related to the example
	
	■ That you can repeat a portion of the code
		`CREATE TABLE ... AS subquery;`
		
		`SELECT col1, col2, ... , coln FROM employees;`

Convention	Meaning	Example

.
.
.
	Vertical ellipsis points indicate that we have omitted several lines of code not directly related to the example.	```SQL> SELECT NAME FROM V$DATAFILE;```
		```NAME```
		```------------------------------------```
		```/fsl/dbs/tbs_01.db```
		```/fs1/dbs/tbs_02.dbf```
		```.```
		```.```
		```.```
		```/fsl/dbs/tbs_09.dbf```
		```9 rows selected.```

Other notation	You must enter symbols other than brackets, braces, vertical bars, and ellipsis points as shown.	```acctbal NUMBER(11,2);``` ```acct CONSTANT NUMBER(4) := 3;```
Italics	Italicized text indicates placeholders or variables for which you must supply particular values.	```CONNECT SYSTEM/system_password``` ```DB_NAME = database_name```

UPPERCASE	Uppercase typeface indicates elements supplied by the system. We show these terms in uppercase in order to distinguish them from terms you define. Unless terms appear in brackets, enter them in the order and with the spelling shown. However, because these terms are not case sensitive, you can enter them in lowercase.	```SELECT last_name, employee_id FROM employees;```
		```SELECT * FROM USER_TABLES;```
		```DROP TABLE hr.employees;```

lowercase	Lowercase typeface indicates programmatic elements that you supply. For example, lowercase indicates names of tables, columns, or files.
	
	Note: Some programmatic elements use a mixture of UPPERCASE and lowercase. Enter these elements as shown.
		```SELECT last_name, employee_id FROM employees;```
		```sqlplus hr/hr```
		```CREATE USER mjones IDENTIFIED BY ty3MU9;```

Text within angle brackets < >	Angle brackets represent variables in the Oracle Calendar sections of this document. Enter the <hostname>, <port>.	```%$ORACLE_HOME/bin/ldapmodify -h <host> -p <port> -D cn=orcladmin -w <password> -f index.ldif```

Conventions for Windows Operating Systems

The following table describes conventions for Windows operating systems and provides examples of their use.

Convention	Meaning	Example
Choose Start >	How to start a program.	To start the Database Configuration Assistant, choose Start > Programs > Oracle - HOME_NAME > Configuration and Migration Tools > Database Configuration Assistant.

Convention	Meaning	Example
File and directory names	File and directory names are not case sensitive. The following special characters are not allowed: left angle bracket (<), right angle bracket (>), colon (:), double quotation marks ("), slash (/), pipe (|), and dash (-). The special character backslash (\) is treated as an element separator, even when it appears in quotes. If the file name begins with \\, then Windows assumes it uses the Universal Naming Convention.	`c:\winnt"\"system32 is the same as` `C:\WINNT\SYSTEM32`
C:\>	Represents the Windows command prompt of the current hard disk drive. The escape character in a command prompt is the caret (^). Your prompt reflects the subdirectory in which you are working. Referred to as the command prompt in this manual.	`C:\oracle\oradata>`

Special characters	The backslash (\) special character is sometimes required as an escape character for the double quotation mark (") special character at the Windows command prompt. Parentheses and the single quotation mark (') do not require an escape character. Refer to your Windows operating system documentation for more information on escape and special characters.	`C:\>exp scott/tiger TABLES=emp`
		 `QUERY=\"WHERE job='SALESMAN' and`
		 `sal<1600\"`
		 `C:\>imp SYSTEM/password FROMUSER=scott`
		 `TABLES=(emp, dept)`

HOME_NAME	Represents the Oracle home name. The home name can be up to 16 alphanumeric characters. The only special character allowed in the home name is the underscore.	C:\> net start Oracle*HOME_ NAME*TNSListener

Convention	Meaning	Example
ORACLE_HOME and *ORACLE_ BASE*	In releases prior to Oracle8i release 8.1.3, when you installed Oracle components, all subdirectories were located under a top level *ORACLE_HOME* directory. For Windows NT, the default location was `C:\orant`.	Go to the *ORACLE_BASE\ORACLE_ HOME*\rdbms\admin directory.
	This release complies with Optimal Flexible Architecture (OFA) guidelines. All subdirectories are not under a top level *ORACLE_HOME* directory. There is a top level directory called *ORACLE_BASE* that by default is `C:\oracle`. If you install the latest Oracle release on a computer with no other Oracle software installed, then the default setting for the first Oracle home directory is `C:\oracle\ora`*nn*, where *nn* is the latest release number. The Oracle home directory is located directly under *ORACLE_BASE*.	
	All directory path examples in this guide follow OFA conventions.	
	Refer to *Oracle10i Database Platform Guide* for Windows for additional information about OFA compliances and for information about installing Oracle products in non-OFA compliant directories.	

Documentation Accessibility

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Patch Set Preinstallation Requirements

This section contains preinstallation requirements for the various components of Oracle Collaboration Suite.

Note:

- The patch set cannot be installed in a Traditional Chinese or Korean language OS environment. Change the environment to English, as follows:

  ```
  setenv LANG C
  setenv LC_ALL C
  ```

- Oracle Collaboration Suite Release 2 (9.0.4.0.0) or Release 2 (9.0.4.1.0) must be installed prior to installing the patch set.

- Oracle recommends backing up the environment prior to installing the patch set.

- Oracle recommends upgrading the Oracle Collaboration Suite information storage database to Oracle Database Release 9.2.0.5, or later, to address the following bugs: 2643723, 2774862, 2919655, 2944866, 3017434, and 3019979.

- Oracle Database patch set Release 9.2.0.5 requires that Oracle Universal Installer Release 10.1.0.2 be installed, and is included in the Oracle Database patch set 9.2.0.5 shiphome. Due to bug 3540563, the installation of this release of Oracle Universal Installer from the database patch set 9.2.0.5 shiphome may hang.

- Oracle recommends checking Oracle*MetaLink* periodically for new patch sets and updates to Oracle Collaboration Suite.

See Also:

Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1) for complete preinstallation instructions

Search Oracle*MetaLink* at http://metalink.oracle.com for

- Bug 3501955 to obtain the Oracle Database 9.2.0.5 patch set for your platform

- Bug 3540563 to install Oracle Universal Installer 10.1.0.2 and proceed with the Oracle Database patch set 9.2.0.5 installation

This section includes the following topics:

1.1 Oracle Enterprise Manager Preinstallation Information

Oracle Universal Installer will detect whether Oracle Enterprise Manager is running when you attempt to install the patch set on the infrastructure and the middle tier, and warn you to shut it down before proceeding.

> **Note:** For silent installations of the patch set, ensure that Oracle Enterprise Manager is shut down prior to installation. When installation is complete, restart Oracle Enterprise Manager.

1.2 Oracle Collaboration Suite Web Client Preinstallation Information

If you chose to configure the Oracle Collaboration Suite Web client when you installed Oracle Collaboration Suite, the patch set will upgrade the Web client.

1.3 Oracle Calendar Server Preinstallation Tasks

This section covers the following Oracle Calendar server preinstallation topics:

1.3.1 Installing the Patch Set while the Oracle Calendar Server Is Running

It is not necessary to stop the Oracle Calendar server before installing the patch set. The installation program automatically stops and restarts the Oracle Calendar server.

1.3.2 Working with Oracle Calendar Server Configuration Files that Are Modified or Overwritten

If you previously made changes to the `$ORACLE_HOME/ocal/misc /unison.ini` file, the installation program recognizes this and modifies the file with any necessary parameter changes.

If you have not modified the `category.ini` file, it is overwritten when installing the patch set. If you have modified the `category.ini` file, it is not overwritten when installing the patch set and may require a manual update after installation, as described in Chapter 3, "Patch Set Postinstallation Instructions" on page 3-1.

The following files are not overwritten when installing the patch set:

```
user.ini
resource.ini
eventcal.ini
```

The following files are always overwritten when installing the patch set:

```
timezone.ini
timezone_os.ini
categorytype.ini
```

During installation in some languages, dialog boxes may open informing you that `categorytype.ini.`*`date_time`* and `timezone_os.ini.`*`date_time`* cannot be backed up. If for any reason you want to keep the existing copies of these files, back them up manually, then press **C** to continue with the installation.

1.3.3 Upgrading Oracle Calendar from Version 9.0.3 to 9.0.4.2

Upgrade Oracle Calendar from version 9.0.3 to 9.0.4 as described in the following steps.

1. Install Oracle Calendar Release 2 (9.0.4.1.0) into a different `ORACLE_HOME` from your existing installation, as described in the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

2. Install Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) over Release 2 (9.0.4.1.0).

3. Upgrade your 9.0.3 data to Release 2 Patch Set 1 (9.0.4.2.0) as described in the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

If you do not follow these steps, unexpected behavior may result. For instance, if you upgrade your data to Release 2 (9.0.4.1.0) and *then* install the patch set, users will no longer be able to log in as event calendars or resources because the corresponding passwords will be lost. The passwords can, however, be reset using the Oracle Calendar Administrator.

1.3.4 Changes in Hardware Requirements for Upgrades

Before you upgrade, Oracle recommends that you re-evaluate your sizing calculations based on the requirements provided for the new software. For CPU usage, the hardware requirements have changed as a result of added functionality, as follows:

■ If you are upgrading from Oracle Calendar 5.*x* or 9.0.3 to release 9.0.4.2, an increase in CPU usage is expected. If in your current Oracle Calendar 5.*x* or 9.0.3 installation you track regular peaks in CPU usage at 60% or greater, several times a day, additional CPU capacity might be required for this upgrade.

■ If you are upgrading from Oracle Calendar 9.0.4 or 9.0.4.1 to release 9.0.4.2 and you continue to use the same feature set, no increase in CPU usage is expected.

■ An upgrade to 9.0.4.2 from Calendar 5.x or 9.0.3 will require approximately four times the current disk space.

> **See Also:** *Oracle Calendar Administrator's Guide Release 2 (9.0.4)*

1.4 Oracle Calendar Application System Preinstallation Requirements

This section covers the following Oracle Calendar application system preinstallation topics:

- Section 1.4.1, "Configuring Time Zone Behavior for the Oracle Calendar Portlet"
- Section 1.4.2, "Working with Oracle Calendar Application System Configuration Files that Are Modified or Overwritten"

1.4.1 Configuring Time Zone Behavior for the Oracle Calendar Portlet

An issue resolved by this patch set is that of time zone behavior on the Oracle Calendar portlet (bug 3088332). For this particular fix to work, you must add the following `xml` text to the `$ORACLE_HOME/config/jazn-data.xml` file (if it is not already present) before the `</jazn-policy>` tag located at the end of this file, on the Oracle9*i*AS Portal middle tier that runs the Oracle Calendar portlet, before you install the patch set. Back up the file before making any changes. Replace the *$ORACLE_HOME* with the physical Oracle Home of the middle tier.

> **Note:** This is only necessary if you are running the Oracle Calendar portlet.

```
<grant>
  <grantee>
    <codesource>
      <url>file:$ORACLE_HOME/webclient/lib/webclient_common.jar</url>
    </codesource>
  </grantee>
  <permissions>
    <permission>
 <class>oracle.ias.repository.schemaimpl.CheckRepositoryPermission</class>
      <name>connectAs</name>
    </permission>
  </permissions>
</grant>
```

If you are running Oracle9*i*AS Portal on a different middle tier, you must copy two newly installed files over to that middle tier after installation, as described in Chapter 3, "Patch Set Postinstallation Instructions" on page 3-3.

1.4.2 Working with Oracle Calendar Application System Configuration Files that Are Modified or Overwritten

The `$ORACLE_HOME/ocas/conf/ocst.conf` file is updated during installation. The previous `ocst.conf` file is backed up as `$ORACLE_HOME/ocas/conf/ocst.conf.bck`.

1.5 Oracle Email Preinstallation Requirements

Oracle Internet Directory on the infrastructure server must be running prior to installing the patch set.

It is not necessary to stop the Oracle Email servers on the middle tier before installing the patch set. The installation program automatically stops all Oracle Email servers at the beginning of installation and restarts them when installation is complete.

> **Note:** For silent installations of the patch set on the middle tier, ensure that Oracle Email servers are stopped prior to starting the patch set installation on the middle tier.

> **See Also:** *Oracle Email Administrator's Guide* for instructions on how to stop Oracle Email processes

1.6 Oracle Files Preinstallation Requirements

Ensure that the following requirements are met prior to installing the patch set:

- The database server must be running.

- If you have customized the Oracle Files Web interface, you must back up the customized files before applying the patch set, then restore the files to their original locations after the patch set has been installed.

  > **See Also:** *Oracle Files Administrator's Guide* for information about customizing the Oracle Files Web interface

- All Oracle Files processes, including the Oracle Files domain, regular nodes, and HTTP nodes, must be stopped prior to installing the patch set. To see whether Oracle Files processes are running, execute the following commands:

  - `./ifsctl status -n` from `$ORACLE_HOME/ifs/files/bin` to see whether the Oracle Files domain and regular nodes are running

  - `./dcmctl getState -co OC4J_iFS_files -v` from `$ORACLE_HOME/dcm/bin` to see whether the Oracle Files HTTP node is running

To stop the Oracle Files domain and regular nodes, follow these steps:

1. If it is not running already, start Oracle Enterprise Manager by executing the following command:

   `$ORACLE_HOME/bin/emctl start`

2. Using a Web browser, access the Oracle Enterprise Manager Web site at `http://host_name:port`, where *host_name* is the name of the Oracle Files middle-tier computer. The port is typically 1810.

3. Enter the authentication information in the pop-up window. The user name is typically `ias_admin`.

4. Click the name of the application server instance where Oracle Files is running. The Oracle9*i*AS Home Page appears.

5. Click the Oracle Files domain link. The domain appears in the following format:

   `iFS_db_host_name:port:db_service_name:files_schema`

6. Click **Stop Domain**.

7. Click **OK**.

To stop Oracle Files HTTP nodes, follow these steps on each Oracle Files middle tier:

1. From the Oracle9*i*AS Home Page on the Oracle Enterprise Manager Web site, select `OC4J_iFS_files`.

2. Click **Stop**. On the Warning page, click **Yes** to stop the OC4J instance.

   Alternatively, you can use the following commands from the command line:

   ```
   $ORACLE_HOME/ifs/files/bin/ifsctl stop
   $ORACLE_HOME/dcm/bin/dcmctl stop -co OC4J_iFS_files -v -t 360
   ```

1.7 Oracle Web Conferencing Preinstallation Requirements

This section includes the following topics:

- Section 1.7.1, "Shut Down Oracle Real-Time Collaboration Services"
- Section 1.7.2, "Required Disk Space on Information Storage Database Server"
- Section 1.7.3, "How Installation Interacts with Oracle Internet Directory"

Ensure that the following requirements are met prior to installing the patch set:

- You must have at least 1 GB of space on your information storage database host

  > **See Also:** Section 1.7.2, "Required Disk Space on Information Storage Database Server" for more details on disk space requirements

- You must have access to the password for the Oracle Internet Directory administrator account, and the Oracle Directory Integration and Provisioning server must be running on the Oracle Internet Directory system

  > **See Also:** Section 1.7.3, "How Installation Interacts with Oracle Internet Directory" for more details

- You cannot use middle tiers with multiple versions of the Oracle Web Conferencing system if those middle tiers use the same database, because the schema has been updated for this patch set. Specifically, a middle tier running Oracle Collaboration Suite Release 2 (9.0.4.0.0) or Release 2 (9.0.4.1.0) cannot share an information storage database with a middle tier running the patch set.

In addition, you must perform the following tasks before installing the patch set:

- You should back up your information storage database. At a minimum, remember to back up the Oracle Real-Time Collaboration `RTC` and `RTC_APP` schemas. You may need this backup if you have to restore the system in case of fatal patch failure.

- Retrieve all certificates that were imported into the `$ORACLE_HOME /imeeting/conf/certdb.txt` file so that you can reimport them after the patch set is applied.

  > **See Also:** *Oracle9iAS Web Cache Administration and Deployment Guide (9.0.2)* for more details

- Make a backup copy of the `$ORACLE_HOME/imeeting/conf /certdb.txt` file.

- Shut down *all* Oracle Real-Time Collaboration services and instances on each `ORACLE_HOME` to which you are applying the patch set.

> **See Also:** Section 1.7.1, "Shut Down Oracle Real-Time Collaboration Services" for more details

1.7.1 Shut Down Oracle Real-Time Collaboration Services

Before installing the patch set, you must shut down all Oracle Real-Time Collaboration services and instances in your Oracle Collaboration Suite setup (that is, on each `ORACLE_HOME` with Oracle Real-Time Collaboration installed).

1. Stop all Oracle Real-Time Collaboration servers, both core components and document and voice conversion servers (if used), as follows:

   ```
   $ORACLE_HOME/imeeting/bin/imtctl stop
   ```

   Shut down the document and voice conversion servers on Windows systems as follows:

   ```
   %ORACLE_HOME%\imeeting\bin\imtctl stop
   ```

   > **Note:** If you cannot shut down the processes and you know that there are no Oracle Real-Time Collaboration instances running, you may have to manually terminate the processes using your operating system tools.

2. Stop the Oracle Real-Time Collaboration OC4J instance, as follows:

   ```
   $ORACLE_HOME/dcm/bin/dcmctl stop -co OC4J_imeeting -v -t 360
   ```

   > **See Also:** *Oracle9iAS Web Cache Administration and Deployment Guide* for more details

1.7.2 Required Disk Space on Information Storage Database Server

During installation, the following tablespaces with the following initial sizes will be created for Oracle Web Conferencing in the information storage database. You must have at least 1 GB of free space in the directory that you specify as the tablespace location while running the Oracle Universal Installer.

Table 1–1 Default Tablespace Sizes for Oracle Web Conferencing

Tablespace Name	Default Size (MB)
rtc_lookup_data	16
rtc_lookup_index	8
rtc_transaction_data	256
rtc_transaction_index	64
rtc_archive_data	64
rtc_archive_index	16
rtc_document_data	64
rtc_document_index	8
rtc_recording_data	64
rtc_recording_index	8
rtc_transient_data	128

Table 1–1 (Cont.) Default Tablespace Sizes for Oracle Web Conferencing

Tablespace Name	Default Size (MB)
rtc_transient_index	32
rtc_transient_lob_data	64
rtc_transient_lob_index	8
rtc_report_data	64
rtc_report_index	8
rtc_temp	128
TOTAL SIZE REQUIRED	**1000 MB (1 GB)**

The above tablespaces are created with the AUTOEXTEND setting ON and a maximum file size of 2 GB. Make sure you have enough space available for future expansion. Depending upon your use of the system, you may want to increase the size of the tablespaces.

1.7.3 How Installation Interacts with Oracle Internet Directory

As the Oracle Real-Time Collaboration installation process runs, it uses the Oracle Internet Directory administrator account to do the following tasks in the Oracle Internet Directory installation. The relevant files listed below are located in the following directory, $ORACLE_HOME/imeeting/install/oid, on the Oracle Real-Time Collaboration core components installation.

- Create a container named RTC (rtccontainer.ldi)

- Create an entity named RTCApplication in the RTC container (rtcentity.ldi)

- Set up an Oracle Directory Integration and Provisioning process between the Oracle Internet Directory and Oracle Real-Time Collaboration services (rtccreateprof.sh)

As noted previously, you must make sure the Oracle Directory Integration and Provisioning server is running on the Oracle Internet Directory system before running the installation, otherwise the installation process may hang.

The Oracle Web Conferencing system stores the following data about Web conferencing users in its information store, to improve performance:

First Name
Middle Name
Last Name
User Name
E-mail address

The Oracle Real-Time Collaboration services use the Oracle Directory Integration and Provisioning service offered by Oracle Internet Directory to synchronize this data in the information store in case any of the data changes (for example, a user changes his e-mail address).

1.8 Oracle9*i*AS Wireless Preinstallation Requirements

1. Access information is not automatically retrieved when the patch set is applied. Prior to applying the patch set, ensure that your information is correct and make a

copy of the `portal.properties` file, found in the `$ORACLE_HOME/wireless/server/classes/messages` directory.

2. Shut down `OC4J_Wireless`, all Messaging Server instances, and the PIM Notification Dispatcher process.

2

Installing the Patch Set

This chapter provides information on installing the patch set.

This section includes the following topics:

- Section 2.1, "Installing the Patch Set on an Existing Oracle Collaboration Suite Installation"
- Section 2.2, "Installing the Patch Set on a New Oracle Collaboration Suite Installation"
- Section 2.3, "Installing the Oracle Voicemail & Fax Patch"
- Section 2.4, "Installing the Patch Set on the Oracle Web Conferencing Document and Voice Conversion Servers"
- Section 2.5, "Installing the Patch Set on an Oracle Calendar Standalone Installation"
- Section 2.6, "Silent and Non-Interactive Patch Set Installation"

2.1 Installing the Patch Set on an Existing Oracle Collaboration Suite Installation

This section applies to customers who want to install the patch set on an existing installation of Oracle Collaboration Suite.

1. Back up the Oracle Collaboration Suite infrastructure, all information storage databases, and all middle tiers.

Caution:

- If you run `./runInstaller` from any location other than the root directory of the CD-ROM, your Oracle Collaboration Suite installation could be permanently damaged. Use the `runInstaller` script located in the root directory of Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 1, as in the following example:

  `/cdrom/runInstaller`

- You cannot deinstall the patch set. You can restore the system to a state prior to installation of the patch set provided you back up the system, properly.

---

2. Apply the patch set to the infrastructure by executing *cdrom_mount_point_ directory*/runInstaller from the root directory of Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 1.

3. If you have *not* configured the information storage database for Oracle Email, you can skip this step. Otherwise, set the ORACLE_SID environment variable to specify the appropriate value for the information storage database and execute *cdrom_ mount_point_directory*/runInstaller from the root directory of Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 1 on all information storage databases that are configured for Oracle Email.

4. Apply the patch set to the middle tiers by executing *cdrom_mount_point_ directory*/runInstaller from the root directory of Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 1.

> **See Also:** Chapter 5, "Getting Started with Installation" in the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)* for details regarding mounting and starting the Oracle Universal Installer

> **Notes:**
>
> - Oracle Email server shutdown and startup tasks are logged in the $ORACLE_HOME/oes/log/install_server_ check.log file.
>
> - During installation of the patch set on the middle tier, Oracle Email servers are shut down by the installation program. This process can take up to five minutes, during which time there will be no message on the screen.
>
> - After installing the patch set, help in Korean and Japanese experience an issue. Search for bug 3525620 on Oracle*MetaLink* to obtain a patch to resolve this at
>
>   http://metalink.oracle.com

5. If you are installing either or both the Oracle Voicemail & Fax patch and the Oracle Web Conferencing document and voice conversion servers patch, proceed to Section 2.3 and Section 2.4, respectively. Otherwise, proceed to Chapter 3, "Patch Set Postinstallation Instructions".

2.2 Installing the Patch Set on a New Oracle Collaboration Suite Installation

This section applies only to customers who are installing the patch set on a brand new Oracle Collaboration Suite installation.

1. Install the Oracle Collaboration Suite 9.0.4.1.0 infrastructure, as instructed in Chapter 6 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

2. Install the Oracle Collaboration Suite 9.0.4.1.0 infrastructure, as instructed in Chapter 6 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

3. Install the Oracle Collaboration Suite 9.0.4.1.0 information storage database, as instructed in Chapter 6 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

   After you install the information storage database, Oracle recommends that you upgrade it to Oracle Database 9.2.0.5, or later.

4. Install the Oracle Collaboration Suite 9.0.4.1.0 middle tier, as instructed in Chapter 6 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

   During middle tier installation, deselect **Oracle Files** from the Component Configuration screen, or cancel the Oracle Files configuration assistant during the configuration phase.

5. Configure Oracle Email, as instructed in Chapter 11 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

6. Install and configure Oracle Voicemail & Fax, as instructed in Chapter 7 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

7. Back up the Oracle Collaboration Suite infrastructure, information storage database, and middle tier.

8. If you have configured the information storage database for Oracle Email, apply the Oracle Collaboration Suite patch set Release 2 Patch Set 1 (9.0.4.2.0) to all three tiers: infrastructure, information storage database, and middle tier, as instructed in Section 2.1, "Installing the Patch Set on an Existing Oracle Collaboration Suite Installation".

   If you have *not* configured the information storage database for Oracle Email, apply the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) to the infrastructure and middle tier, only, as instructed in Section 2.1, "Installing the Patch Set on an Existing Oracle Collaboration Suite Installation".

9. Proceed to Chapter 3, "Patch Set Postinstallation Instructions", and follow all instructions *except* those for Oracle Files.

10. Configure Oracle Files, including the optional Oracle Workflow integration, as instructed in Chapter 12 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

11. Configure Oracle9*i*AS Wireless as instructed in the *Oracle9iAS Wireless Administrator's Guide*.

12. Configure the rest of the middle tier components according to their respective chapters in the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

2.3 Installing the Oracle Voicemail & Fax Patch

Included on the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) Client CD is a patch that must be applied to the Oracle Voicemail & Fax telephony server.

Apply the patch, located in the `/Windows_Server_Patches/Voicemail_ Server/VoicemailPatchSet9042` directory, as follows, to each computer on which an Oracle Voicemail & Fax telephony server resides:

1. Select **Start**, then select **Run** and enter `services.msc` in the **Open** field and click **OK**.

2. In the Services window stop all the services with names that begin with UM, along with `rmid` and `rmiregistry` services.

3. Navigate to the `Windows_Server_Patches/Voicemail_Server /VoicemailPatchSet9042/Disk1/install/win32` folder and double click the `install_patch.sh` file.

   The command window prompts you for the `ORACLE_HOME` path.

4. Type in the complete `ORACLE_HOME` path and press **Enter**.

5. The Oracle Universal Installer Welcome screen displays.

6. Click **Next** to display a list of information stores and the UM password.

7. Select any information store and type in the password and proceed with the installation.

8. When the installation is complete, restart the `rmid`, `rmiregistry`, and all of the services beginning with UM from the Services window.

> **Note:** If you configure a new CT Server on an upgraded middle tier, you must run `umsave.sh`, located in the `$ORACLE_HOME\um\scripts` directory, *after* running `uminfra_install.sh` (as part of installing Oracle Collaboration Suite). This will upgrade `um.jar` to Release 2 Patch Set 1 (9.0.4.2.0).

2.4 Installing the Patch Set on the Oracle Web Conferencing Document and Voice Conversion Servers

The Oracle Web Conferencing system uses a document conversion server to convert various types of documents to HTML for presentation, and a voice conversion server to stream voice data during a conference. If you use these features, you must install the patch set on the servers, as follows:

On each system:

1. Insert the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) Client CD and navigate to the `/Windows/Server/Patches/RTC_DocumentVoice` directory.

2. Run the setup command:

   `/Windows/Server/Patches/RTC_DocumentVoice/setup.exe`

3. Follow the screen prompts to install the patch set. You will have to enter the password for the `RTC_APP` schema in the existing `RTC` repository.

Repeat these three steps for each system hosting either a document conversion server, voice conversion server, or both.

> **Note:** If there are active connections to the document or voice conversion servers, you will be prevented from shutting them down. The installation will not continue if the servers are up. You can wait and then retry patch set installation, or terminate the processes by force using your operating system tools.

2.5 Installing the Patch Set on an Oracle Calendar Standalone Installation

This section applies to customers who are installing the patch set on a brand new or existing Oracle Calendar standalone 9.0.4.1 installation.

1. Read Section 4.3, "Oracle Calendar Server Preinstallation Tasks" and Section 4.4, "Oracle Calendar Application System Preinstallation Requirements".

2. Install the patch set using the steps described in Appendix F of the Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1.0). (The procedure for installing Oracle Calendar standalone 9.0.4.2 is virtually the same as the procedure for installing Oracle Calendar standalone 9.0.4.1.0)

3. During installation, make sure to specify the ORACLE_HOME where you have Oracle Calendar standalone 9.0.4.1.0 installed and continue. This will update Oracle Calendar standalone 9.0.4.1.0 to Oracle Calendar standalone 9.0.4.2.

4. Proceed to Section 6.1, "Oracle Calendar Server Postinstallation Tasks" and Section 6.2. "Oracle Calendar Application System Postinstallation Tasks".

2.6 Silent and Non-Interactive Patch Set Installation

This installation includes response files for infrastructure, information storage, and middle tier, only.

Response files are located in the /response directory located at the root directory of Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) CD 1. You must edit the response files to satisfy your silent or non-interactive installation requirements. To use a response file, first copy it from the CD-ROM to your system.

> **See Also:** The following sections in Chapter 8, "Silent and Non-Interactive Installation" of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)* for instructions
>
> - "Selecting a Response File"
> - "Editing a Response File"
> - "Specifying a Response File"

3

Patch Set Postinstallation Instructions

This chapter contains information and postinstallation instructions for the various components of Oracle Collaboration Suite.

This chapter includes the following topics:

- Section 3.1, "Oracle Calendar Server Postinstallation Tasks"
- Section 3.2, "Oracle Calendar Application System Postinstallation Tasks"
- Section 3.3, "Oracle Email Postinstallation Tasks"
- Section 3.4, "Oracle Files Postinstallation Tasks"
- Section 3.5, "Oracle Web Conferencing Postinstallation Tasks"
- Section 3.6, "Oracle9iAS Wireless Postinstallation Tasks"

3.1 Oracle Calendar Server Postinstallation Tasks

This section includes the following topics:

- Section 3.1.1, "Manually Updating category.ini for Oracle Calendar"
- Section 3.1.2, "Setting Up HTTPS with mod_osso on the Middle Tier"

3.1.1 Manually Updating category.ini for Oracle Calendar

It is possible that before you installed the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0), you were using a customized version of the `category.ini` file with your Oracle Calendar server. For example, you may have modified `category.ini` to include specific resource names for your organization. In this case, the patch set installation program detects that `category.ini` was customized, and does not overwrite it. However, if you want to take advantage of the patch set's increased support for languages, make the following manual changes:

1. Back up your current `category.ini` file by renaming it (for example, to `category.ini.bak`).

2. Make a copy of the newly installed `category.ini.sbs` file and name it `category.ini`. This new `category.ini` file contains support for the new languages.

3. Duplicate any custom changes made to the original `category.ini` file in the new `category.ini` file.

3.1.2 Setting Up HTTPS with mod_osso on the Middle Tier

Oracle Calendar Administrator uses HTTPS with mod_osso on the middle tier. Other single sign-on applications may require this, as well. If HTTPS with mod_osso is configured on your existing installation, applying the patch set leaves this intact.

If, however, HTTPS with mod_osso is not configured on your existing installation, applying the patch set does not rectify this. To configure HTTPS with mod_osso manually, follow the steps described in "Manually Setting Up HTTPS with mod_osso on the Middle Tier" in Chapter 6 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

> **See Also:** The technical note "How do I set up Oracle9*i*AS Portal (9.0.2) to use HTTPS (SSL)," available on the Oracle9*i*AS Portal Web site at
>
> http://portalcenter.oracle.com

3.2 Oracle Calendar Application System Postinstallation Tasks

This section covers the following Oracle Calendar application system postinstallation topics:

- Section 3.2.1, "Enabling Support for New Languages in Oracle Calendar"
- Section 3.2.2, "Reducing Page Size and Enabling Support for New Attachment Types in Oracle Calendar"
- Section 3.2.3, "Configuring the Oracle Calendar Portlet"
- Section 3.2.4, "Increasing the Size of the Favorites List in the Oracle Calendar Web Client"

3.2.1 Enabling Support for New Languages in Oracle Calendar

Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) provides new language translations for Hungarian, Russian, Czech, and Romanian.

Enable the new language translations in Oracle Calendar, as follows:

1. Stop the Oracle HTTP Server.

2. Edit the $ORACLE_HOME/ocas/conf/ocas.conf file, as follows:

```
[languages]
czech=cs
romanian=ro
russian=ru
hungarian=hu

[sortalgorithm]
czech=czech
romanian=Romanian
russian=Generic_M
hungarian=Hungarian
```

3. Start the Oracle HTTP Server.

4. Follow the steps described in Section 5.1, "Enabling New Language Translations (Optional)" on page 5-1 to enable the languages in Oracle Collaboration Suite.

3.2.2 Reducing Page Size and Enabling Support for New Attachment Types in Oracle Calendar

This release of Oracle Calendar includes a fix for reducing the size of pages displayed in the Oracle Calendar Web client, as well as support for new default attachment types.

Apply the page size fix and enable the attachment support as follows:

1. Stop the Oracle HTTP Server.

2. Edit the `$ORACLE_HOME/ocas/conf/ocwc.conf` file as follows:

   Add the following line to the `[url_prefix]` section:

   ```
   javascript_prefix = "/ocas/ocwc/%ocwc_language%/javascript/"
   ```

   Add the following lines to the `[download_extension]` section:

   ```
   .zip = application/zip
   .bmp = image/bmp
   .png = image/png
   ```

   Insert the following new section at the end of the file:

   ```
   [javascript]
   # extension of JavaScript file.
   extension = ".ojs"
   ```

3. Start Oracle HTTP Server.

3.2.3 Configuring the Oracle Calendar Portlet

The procedures in this section describe how to configure Oracle9*i*AS Portal on a different middle tier than Oracle HTTP Server, and how to enable SSL requests from the Oracle Calendar portlet.

This section includes the following topics:

- "Configuring Oracle9iAS Portal on a Different Middle Tier"
- "Enabling SSL Requests from the Oracle Calendar Portlet"

Configuring Oracle9*i*AS Portal on a Different Middle Tier

If Oracle9*i*AS Portal is running on a different middle tier than Oracle HTTP Server, copy the newly installed `Calendar.jsp` and `calendarlet.jar` files onto the Oracle9*i*AS Portal middle tier to resolve the time zone issue described in Section 1.4.1, "Configuring Time Zone Behavior for the Oracle Calendar Portlet" on page 1-4. The two files to be copied are located in the following directories:

```
$ORACLE_HOME/j2ee/OC4J_Portal/applications/webclient-calendar
/webclient-calendar-web/portlets/Calendar.jsp

$ORACLE_HOME/j2ee/OC4J_Portal/applications/webclient-calendar
/webclient-calendar-web/WEB-INF/lib/calendarlet.jar
```

Enabling SSL Requests from the Oracle Calendar Portlet

The following steps describe how to enable SSL requests from the Oracle Calendar portlet.

> **Note:** This procedure is only necessary if you did *not* previously enable SSL requests on the portlet in your 9.0.4.1 installation.

1. Include the following `.jar` files in the Oracle9*i*AS Containers for J2EE instance `CLASSPATH`.

   ```
   $ORACLE_HOME/jlib/javax-ssl-1_1.jar
   $ORACLE_HOME/jlib/jssl-1_1.jar
   ```

   For example, you could include `.jar` files in

   ```
   $ORACLE_HOME/j2ee/OC4J_Portal/config/application.xml
   ```

   with the following lines.

   ```
   <library path="$ORACLE_HOME/jlib/javax-ssl-1_1.jar"/>
   <library path="$ORACLE_HOME/jlib/jssl-1_1.jar"/>
   ```

2. Ensure that `libnjssl9.so` is in the directory specified in the `LD_LIBRARY_PATH` environment variable.

   For hp-ux PA-RISC (64-bit), ensure that `libnjssl9.sl` is in the directory specified in the `SHLIB_PATH` environment variable.

3. Modify the following file to use HTTPS rather than HTTP when accessing Oracle Calendar Web services.

   ```
   $ORACLE_HOME/webclient/classes/oracle/collabsuite/webclient/resources/
   webclient.properties
   ```

   For example, change the following line

   ```
   calendar=http://host_name:port/ocas-bin/ocas.fcgi?sub=web
   ```

   to

   ```
   calendar=https://host_name:SSL_port/ocas-bin/ocas.fcgi?sub=web
   ```

4. Update `Calendar.jsp` to support SSL requests. In a typical installation, `Calendar.jsp` is found in the following directory:

   ```
   $ORACLE_HOME/j2ee/OC4J_Portal/applications/webclient-calendar/
   webclient-calendar-web/portlets
   ```

   Enable SSL requests before the portlet's main routine, as follows:

   ```
   System.setProperty("javax.net.ssl.KeyStore",
                       "Oracle_Wallet_Client_Certificate_Path");
   System.setProperty("javax.net.ssl.KeyStorePassword", "Oracle_Wallet_
   Password");
   ```

5. Restart Oracle9*i*AS Portal.

The `javax.net.ssl.KeyStore` property points to the Oracle wallet Web service client certificate. Since all requests are local to the same middle tier, Oracle Web Cache wallet is used.

If Oracle9*i*AS Portal and the Oracle Calendar Web services are running on the same middle tier, they can use the Oracle Web Cache wallet.

3.2.4 Increasing the Size of the Favorites List in the Oracle Calendar Web Client

The Oracle Calendar Web client Favorites list can now include more than 15 agendas, provided you configure this in the `ocwc.conf` and `unison.ini` files. Depending on the number you need, modify the files using values in Table 3–1:

Table 3–1   Configuration Values to Increase the Size of the Favorites List

ocwc.conf [limits] maxfavourite =	unison.ini [ENG] itemextinfomaxsize =
15 (default)	1500 (default)
20	1800
30	2500
50	3800
60	4500

3.3 Oracle Email Postinstallation Tasks

The Oracle Universal Installer checks the `listener.ora` file for NNTP entries during installation of the patch set. These entries may be missing before applying the patch set. If the Oracle Universal Installer does not find NNTP entries, it automatically adds them. In order to have the `listener.ora` changes take effect, the listener on middle tier must be stopped and restarted.

Ensure that the `ORACLE_HOME` environment variable is set to the `$ORACLE_HOME` directory of the concerned middle tier. To stop the listener, execute the following command on the middle tier:

```
lsnrctl stop listener_es
```

Start the listener as `root`. On the middle tier, at the operating system prompt, enter the following command line arguments:

```
tnslsnr listener_es [-user user] [-group group]
```

- `-user  user` is the numerical identification of the UNIX account that owns the Oracle software

- `-group  group` specifies the numerical identification of the UNIX group to which the Oracle owner belongs

> **See Also:**   Chapter 1, "Listener Control Utility" in the *Oracle9i Net Services Reference Guide*

Communicating with LDAP Over Secure SSL Connections

In installations where the mail protocol servers are configured to communicate with LDAP over secure SSL connections, the protocol servers log into LDAP two times—once over the standard LDAP port in order to obtain the port address on which the LDAP server is listening for SSL connections; then a second time over the SSL port. This patch set corrects this behavior. Following the application of this patch set, the protocol servers configured to communicate with LDAP securely will pick up the LDAP SSL port address from a local file and connect directly.

If your installation is configured for mail protocol servers to communicate with LDAP over secure SSL connections, edit the `oesadmin.properties` file located in the

`$ORACLE_HOME/oes/admin` directory on each middle tier, adding the following two lines:

```
oracle.mail.ldap.connectssl=boolean
oracle.mail.ldap.sslport=port_number
```

Replace *boolean* with either `true` or `false` (case insensitive). Setting `true` ensures the value read for `sslport` is used to connect to LDAP. A setting of `false` uses the standard non-SSL port.

port_number specifies the TCP/IP port address on which the Oracle Internet Directory (infrastructure installation) is listening for secure SSL traffic.

3.4 Oracle Files Postinstallation Tasks

This section covers the following Oracle Files postinstallation tasks:

- "Redeploying Oracle9iAS Containers for J2EE"
- "Starting Oracle Files Processes"
- "Loading the Oracle Files Help and the Oracle FileSync Executable"
- "Oracle Workflow Postinstallation Steps"

Redeploying Oracle9*i*AS Containers for J2EE

To redeploy Oracle9*i*AS Containers for J2EE, follow these steps on each middle tier that runs an Oracle Files HTTP node:

1. Undeploy the `OC4J_iFS_files` instance, as follows (the following command is one continuous line):

   ```
   $ORACLE_HOME/dcm/bin/dcmctl undeployApplication -a files -co OC4J_iFS_
   files -d -v
   ```

2. Deploy the `OC4J_iFS_files` instance, as follows (the following command is one continuous line):

   ```
   $ORACLE_HOME/dcm/bin/dcmctl deployApplication -f $ORACLE_HOME/ifs/files
   /lib/files.ear -a files -co OC4J_iFS_files -d -v
   ```

Starting Oracle Files Processes

To start Oracle Files processes, including the Oracle Files domain, regular nodes, and HTTP nodes, follow these steps for each Oracle Files middle tier:

1. Using a Web browser, access Oracle Enterprise Manager at `http://host_name:port`, where *host_name* is the name of the Oracle Files middle tier computer. The port is typically 1810.

2. Enter the authentication information in the pop-up window. The user name is typically `ias_admin`.

3. Click the name of the application server instance where Oracle Files is running. The Oracle9*i*AS Home Page appears.

4. Click the Oracle Files domain link. The domain appears in the following format:

   ```
   iFS_db_host_name:port:db_service_name:files_schema
   ```

5. Click **Start Local Components**.

6. Click **OK**.

If there is an Oracle Files HTTP node on this middle tier, follow these additional steps:

7. Return to the Oracle9*i*AS Home Page and select **OC4J_iFS_files**.

8. Click **Start**.

Loading the Oracle Files Help and the Oracle FileSync Executable

Load the Oracle Files help and the Oracle FileSync executable, as follows (you only need to do this once per Oracle Files domain):

1. Execute the following commands:

```
cd $ORACLE_HOME/ifs/files/bin
./ifsuploadfiles
```

2. When prompted, provide the following values:

- Oracle Files schema password

- Oracle Files `system` user password

  The Oracle Files `system` user resides in the Oracle Files schema. This user is not the database user `system`. You entered the password for the Oracle Files `system` user during Oracle Files configuration.

- Oracle Files `site_admin` password

- Oracle Files domain name, in the format:

  ```
  ifs://db_host:listener_port:db_service_name:files_schema_name
  ```

  Note: To find out the Oracle Files domain name, execute the following command from `$ORACLE_HOME/ifs/files/bin`:

  ```
  ./ifsctl status -n
  ```

  ---

3. To ensure the files were uploaded successfully, check the `ifsuploadfiles.log` file in the `$ORACLE_HOME/ifs/files/log` directory.

Oracle Workflow Postinstallation Steps

You must run `ifswfsetup` if you want to

- Integrate Oracle Files with Oracle Workflow

- Enable additional languages in Oracle Workflow

  > **See Also:** *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)* for complete instructions about running `ifswfsetup`, enabling languages for Oracle Workflow, and applying critical Oracle Workflow patches

3.5 Oracle Web Conferencing Postinstallation Tasks

After installing the patch set, you must reimport any root certificates and restart all Oracle Web Conferencing components that were shut down during the preinstallation steps in Section 1.7.1, "Shut Down Oracle Real-Time Collaboration Services" on page 1-7, as follows:

1. Reimport root certificates that you backed up as described in Section 1.7, "Oracle Web Conferencing Preinstallation Requirements" on page 1-6 into the `$ORACLE_HOME/imeeting/conf/certdb.txt` file.

2. If any Oracle Real-Time Collaboration servers are running, stop them as follows:

   ```
   $ORACLE_HOME/imeeting/bin/imtctl stop
   ```

3. If the Oracle Real-Time Collaboration OC4J instance is running, stop it as follows:

   ```
   $ORACLE_HOME/dcm/bin/dcmctl stop -co OC4J_imeeting -v -t 360
   ```

4. Start the Oracle Real-Time Collaboration OC4J instance, as follows:

   ```
   $ORACLE_HOME/dcm/bin/dcmctl start -co OC4J_imeeting -v -t 360
   ```

5. Start all Oracle Real-Time Collaboration servers, as follows:

   ```
   $ORACLE_HOME/imeeting/bin/imtctl start
   ```

   Restart document and voice conversion servers located on Windows systems, as follows:

   ```
   %ORACLE_HOME%\imeeting\bin\imtctl start
   ```

3.6 Oracle9*i*AS Wireless Postinstallation Tasks

1. Get instance-specific configuration information from the original `portal.properties` file (that you made a copy of in Section 1.8, "Oracle9iAS Wireless Preinstallation Requirements" on page 1-8), and apply it to the new `portal.properties` and `portal_*.properties` files. The instance-specific configuration keys are:

   ```
   marconi.account.voiceaccess.number.value
   marconi.account.wirelessaccess.url.value
   marconi.account.askaccess.sms.value
   marconi.account.askaccess.email.value
   ```

2. Restart `OC4J_Wireless`, all Messaging Server instances, and the PIM Notification Dispatcher process that you shut down in Section 1.8, "Oracle9iAS Wireless Preinstallation Requirements" on page 1-8.

4

Additional/Optional Oracle Collaboration Suite Upgrade Scenarios

This chapter includes the following topics on upgrading to the latest version of the Oracle database:

- Section 4.1, "Upgrading the Infrastructure to Oracle Application Server 10g (9.0.4)"

- Section 4.2, "Using Oracle Database 10g with Oracle Collaboration Suite"

> **Note:**
>
> - The Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) must be installed prior to performing any of the following upgrades.
>
> - Oracle will provide a patch to facilitate the upgrade procedure described in Section 4.1, "Upgrading the Infrastructure to Oracle Application Server 10g (9.0.4)". Check Oracle*MetaLink* for the availability of this patch under bug number 3541554 at
>
>   http://metalink.oracle.com
>
>   The manual upgrade steps described in Section 4.1 have been provided as alternative to applying the patch.

- Section 4.3, "Using OracleAS 10g Identity Management and Oracle Database 10g with Collaboration Suite"

4.1 Upgrading the Infrastructure to Oracle Application Server 10*g* (9.0.4)

This section contains the necessary procedures to upgrade the Oracle Collaboration Suite infrastructure Oracle9*i* Application Server 9.0.2.3 to Oracle Application Server 10*g*.

This section includes the following topics:

- Section 4.1.1, "Oracle Internet Directory-Specific Preupgrade Tasks"

- Section 4.1.2, "Back Up Oracle Internet Directory"

- Section 4.1.3, "Upgrading the Metadata Repository"

- Section 4.1.4, "Upgrading Oracle Identity Management"

4.1.1 Oracle Internet Directory-Specific Preupgrade Tasks

1. Verify that the `orcladmin` user exists in the default identity management realm, as follows:

   a. Get the default subscriber DN, as follows (the following command is one continuous line):

   ```
   $ORACLE_HOME/bin/ldapsearch -h OID_host -p non-SSL_port -D OID_
   superuser -w OID_superuser_password -b
   "cn=common,cn=products,cn=oraclecontext" -s base "objectclass=*"
   orcldefaultsubscriber
   ```

   b. Get the user nickname and user search base attribute, as follows (the following command is one continuous line):

   ```
   $ORACLE_HOME/bin/ldapsearch -h OID_host -p non-SSL_port -D OID_
   superuser -w OID_superuser_password -b
   "cn=common,cn=products,cn=oraclecontext,default_subscriber_DN" -s
   base "objectclass=*" orclcommonnicknameattribute
   orclcommonusersearchbase
   ```

   c. Search for the `orcladmin` user, as follows (the following command is one continuous line):

   ```
   $ORACLE_HOME/bin/ldapsearch -h OID_host -p non-SSL_port -D OID_
   superuser -w OID_superuser_password -b "user_search_base_DN" -s sub
   "user_nickname_attribute=orcladmin"
   ```

   If the last LDAP search does not return anything, create the `orcladmin` user in Oracle Internet Directory, as follows:

   a. Create an `ldif` file called `orcl.ldif` that includes the following content:

   ```
   dn: cn=orcladmin, User_Search_Base
   changetype: add
   uid: orcladmin
   mail: orcladmin
   givenName: orcladmin
   cn: orcladmin
   sn: orclAdmin
   description: Seed administrative user for subscriber.
   objectClass: top
   objectClass: person
   objectClass: organizationalPerson
   objectClass: inetorgperson
   objectClass: orcluser
   objectClass: orcluserV2
   ```

   b. Execute the following command (the following command is one continuous line):

   ```
   $ORACLE_HOME/bin/ldapadd -h OID_host -p non-SSL_port -D OID_
   superuser -w OID_superuser_password -v -f orcl.ldif
   ```

2. Verify that the Oracle Internet Directory superuser password conforms to the same restrictions as defined for the Oracle Application Server 10*g* `ias_admin` user.

   > **See Also:** *Oracle Application Server 10g Installation Guide* for more details

If the password does *not* conform to the above restrictions, reset the password so that it conforms to the restrictions, as follows:

a. Create an `ldif` file called `supwd.ldif` that includes the following content:

```
dn:
changetype: modify
replace: orclsupassword
orclsupassword: new_password
```

b. Execute the following command (the following command is one continuous line):

```
$ORACLE_HOME/bin/ldapmodify -h OID_host -p non-SSL_port -D OID_
superuser_DN -w OID_superuser_password -v -f supwd.ldif
```

3. Apply Note 263073.1 available on Oracle*MetaLink* at

http://metalink.oracle.com

4.1.2 Back Up Oracle Internet Directory

Back up the Oracle Internet Directory database and software as instructed in Chapter 11, "Backup and Restoration of a Directory" of the *Oracle Internet Directory Administrator's Guide*.

4.1.3 Upgrading the Metadata Repository

Perform the steps listed in Section 4.2, "Preparing to upgrade Metadata Repository" in *Oracle Application Server 10g Upgrading to 10g (9.0.4)*.

These steps include:

- Applying the 9.0.1.5 database patch

> **Note:** Do *not* change the `wksys` password during the patch installation.

- Installing the `DBMS_IAS_UPGRADE` package
- Upgrading the metadata repository container

> **Note:** While performing the metadata repository container upgrade, you may get a "New Schema Creation failed" error because some of the new tablespaces and schemas being created by the mrc.pl script in the metadata repository may already exist. If you get this error, check if the following entries exist in Oracle Internet Directory:
>
> ```
> oca
> oraoca_public
> wcrsys
> ip
> ```
>
> If these entries exist in Oracle Internet Directory, the metadata repository container upgrade is complete, despite the preceding error.

- Ensuring that there are no invalid objects in the database

4.1.4 Upgrading Oracle Identity Management

Refer to "Upgrading Identity Management Services" in *Oracle Application Server 10g Upgrading to 10g (9.0.4)* to upgrade Oracle Identity Management.

> **Note:** If you upgrade to Oracle Identity Management (9.0.4), you lose the ability to select languages on the Oracle9*i*AS Single Sign-On login page. (3536982)

4.2 Using Oracle Database 10*g* with Oracle Collaboration Suite

This section discusses upgrading your information storage database to Oracle Database 10*g* and post-upgrade issues pertaining to Oracle Files, for new and existing installations of Oracle Collaboration Suite.

This section includes the following topics:

- Section 4.2.1, "Upgrading the Information Storage Database to Oracle Database 10g"

- Section 4.2.2, "Oracle Database 10g Post-Upgrade Tasks for Oracle Files"

- Section 4.2.3, "Using Oracle Database 10g with New Oracle Collaboration Suite Installations"

> **Important:** Using Oracle Database 10*g* with Oracle Email requires a patch for Email Information Store 9.0.4.2.0. Download the patch for Email Information Store 9.0.4.2.0 from Oracle*MetaLink* at `http://metalink.oracle.com` and follow the instructions in the accompanying Readme.
>
> Search for bug 3493339 on Oracle*MetaLink* to obtain the patch.

4.2.1 Upgrading the Information Storage Database to Oracle Database 10*g*

If you are *not* using Oracle Email, upgrade the information storage database, as follows:

1. Install the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0), as described in Chapter 2, "Installing the Patch Set".

2. Upgrade the information storage database to Oracle Database 10*g*.

4.2.2 Oracle Database 10*g* Post-Upgrade Tasks for Oracle Files

After you upgrade your database to Oracle Database 10*g* and completed the steps listed in Section 3.4, "Oracle Files Postinstallation Tasks", you must perform the following tasks.

> **Note:** Steps 1 and 2 in the following procedure require a `tnsnames` entry in `tnsnames.ora`.

---

1. From the Oracle Files middle tier computer, connect to Oracle Database 10*g* as the user who owns the Oracle Files schema (for example, `IFSSYS`) and execute the following commands:

```
cd $ORACLE_HOME/ifs/files/admin/sql
```

```
sqlplus files_schema/schema_password@tnsnames_entry
@Upgrade9iTo10g_part1.sql files_schema
```

2. Connect to Oracle Database 10*g* as the `SYS` user and execute the following commands:

```
sqlplus 'sys/sys_password@tnsnames_entry as sysdba'
@Upgrade9iTo10g_part2.sql files_schema
```

3. Set the following environment variables on the database computer, ensuring they will be set whenever the database is restarted:

    ■   For Solaris platforms, set the `LD_LIBRARY_PATH` to include the following:

        `$ORACLE_HOME/lib32:$ORACLE_HOME/ctx/lib`

        For Linux and hp-ux PA-RISC platforms, include

        `$ORACLE_HOME/lib:$ORACLE_HOME/ctx/lib`

    ■   Set the `PATH` to include the following:

        `$ORACLE_HOME/ctx/bin`

    ■   Set the `SHLIB_PATH` to the following for the hp-ux PA-RISC platform:

        `$ORACLE_HOME/lib32:$ORACLE_HOME/ctx/lib`

4. On the database computer, restart the database and the database listener.

5. Perform the Oracle Files postinstallation tasks.

    > **See Also:** Section 3.4, "Oracle Files Postinstallation Tasks" for more information.

4.2.3 Using Oracle Database 10*g* with New Oracle Collaboration Suite Installations

Follow these steps if you have a new Oracle Collaboration Suite installation and you want to use Oracle Database 10*g* for your information storage database:

1. Install Oracle Database 10*g* from the Oracle Database 10*g* CD pack.

2. Set the following environment variables on the computer on which the Oracle Database 10*g* server is installed:

    ■   Set the `LD_LIBRARY_PATH` to include the following:

        `$ORACLE_HOME/lib32:$ORACLE_HOME/ctx/lib`

    ■   Set the `PATH` to include the following:

        `$ORACLE_HOME/ctx/bin`

    ■   Set the `SHLIB_PATH` to the following for the hp-ux PA-RISC platform

        `$ORACLE_HOME$/lib32:$ORACLE_HOME$/ctx/lib`

3. Ensure that the following database parameters are set on the computer on which the Oracle Database 10*g* server is installed:

Table 4–1   Required Database Parameters

Parameter Name	Minimum Value
aq_tm_processes	1

Table 4–1   (Cont.) Required Database Parameters

Parameter Name	Minimum Value
`java_pool_size`	30 MB
`job_queue_processes`	4
`open_cursors`	300
`processes`	100
`session_max_open_files`	50
`shared_pool_size`	50 MB (52428800 bytes)

The values listed in Table 4–1 are minimum values for these parameters. You may want to increase these values as appropriate for your deployment.

4. On the computer on which the Oracle Database 10*g* server is installed, restart the database and the database listener.

5. Install the Oracle Collaboration Suite Release 9.0.4.1.0 middle tier.

6. Do not select the Oracle Files components for configuration during installation of the middle tier.

    If the Oracle Files configuration assistant appears, click **Cancel**.

7. Apply Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0).

8. Configure Oracle Files by executing `ifsca` from the following location:

    `$ORACLE_HOME/ifs/files/bin`

    For configuration instructions, see the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

4.3 Using OracleAS 10*g* Identity Management and Oracle Database 10*g* with Collaboration Suite

This section contains procedures for setting up Oracle Collaboration Suite 9.0.4.2.0 with OracleAS 10*g* (9.0.4) Identity Management and Oracle Database 10*g* (10.1.0.2.0).

This section includes the following topics:

-   Section 4.3.1, "Installing OracleAS 10g Infrastructure"

-   Section 4.3.2, "Configuring Oracle Identity Management 10g"

-   Section 4.3.3, "Installing the Metadata Repository"

-   Section 4.3.4, "Installing Oracle Database 10g"

-   Section 4.3.5, "Installing the Oracle Collaboration Suite Middle Tier"

-   Section 4.3.6, "Installing the Oracle Email Information Store Patch Set"

-   Section 4.3.7, "Applying the Oracle Collaboration Suite Patch Set"

4.3.1 Installing OracleAS 10*g* Infrastructure

Install OracleAS 10*g* Infrastructure (including Identity Management and OracleAS metadata repository). For detailed instructions on installing OracleAS 10*g*

Infrastructure, see section 6.17, "Installing OracleAS Infrastructure 10*g*," in the *Oracle Application Server 10g Installation Guide*.

4.3.2 Configuring Oracle Identity Management 10*g*

This section describes how to configure Oracle Identity Management 10*g* components to work with 9.0.4.2.0 middle tiers.

1. Ensure that the following requirements are met.

   ■ The `ORACLE_HOME` environment variable points to the OracleAS 10*g* (9.0.4) infrastructure home directory used by OracleAS Single Sign-On

   ■ The Oracle Application Server 10*g* (9.0.4) Oracle Internet Directory server is running

   ■ The Oracle Application Server 10*g* (9.0.4) infrastructure database and listener are running

2. Locate the `imconfig.sh script` in the `utilities/imconfig` directory on the "OracleAS RepCA and Utilities" CD-ROM. You use this script to update the 10*g* Identity Management components to work with 9.0.4.2.0 middle tiers.

3. Run the `imconfig.sh script` on the machine where the OracleAS 10*g* (9.0.4) Single Sign-On is installed. Use the following command:

   `imconfig.sh -10g -h` *ldaphost* `-p` *ldapPort* `-D` *ldapDN* `-w` *ldapPwd* `-oh` *oracleHome*

   Provide the following values:

Table 4–2   Required script values

Value	Description	Example
ldaphost	Name of the computer running the OracleAS 10*g* (9.0.4) Oracle Internet Directory	`dbmachine.mydomain.com`
ldapPort	Port number on which the OracleAS 10*g* (9.0.4) Oracle Internet Directory is listening.	Port number: `389`
ldapDN	DN of the Oracle Internet Directory user	cn=orcladmin
ldapPwd	Password for the Oracle Internet Directory user	
oracleHome	Oracle home directory for the 10*g* (9.0.4) infrastructure database used by OracleAS Single Sign-On	

Optional Parameter

Specify the `-ssl` parameter if `ldapPort` is an `SSL` port.

Example command:

```
[oracle@collabtng10]$ imconfig.sh -10g -h collabtng10.us.oracle.com -p 3060 -D
"con=orcladmin" -w welcome1 -oh /u01/app/oracle/product/infra
```

Output:

```
CLASSPATH=/u01/app/oracle/product/infra/jlib/jssl-1_
1.jar:/u01/app/oracle/product/infra/jlib/javax-ssl-1_1.jar
:/u01/app/oracle/product/infra/jdbc/lib/classes12.jar:../imcomp.jar:../../../repCA/j
lib/ldapjclnt9.jar
Check /u01/app/oracle/product/infra/sso/log/IMComp.log for results
-> LOADING:  /u01/app/oracle/product/infra/sso/log/changeiASAdmins.ldif
-> LOADING:  /u01/app/oracle/product/infra/sso/log/changeAccess.ldif

The Oracle Identity Management version 10g has been
updated successfully. Version 9.0.2 middle tier installations
can now be associated with this Infrastructure.
```

4.3.3 Installing the Metadata Repository

This section contains procedures for installing the metadata repository portion of the Oracle 9*i* Application Server (9.0.2.3) Infrastructure. During this procedure you point the metadata repository to Oracle Application Server 10*g* (9.0.4) Identity Management for the Oracle Application Server 10*g* Single Sign-On and Oracle Internet Directory components.

> **Note:** If the Oracle Application Server 10*g* and Oracle 9*i* Application Server (9.0.2.3) metadata repositories are on the same computer, the Oracle Enterprise Managers have to be configured to listen on different ports.
>
> In Oracle Collaboration Suite 9.0.4.1.0, the installer assigns port 1810 to the Oracle Enterprise Manager Web Site, regardless of whether or not the port is already in use. You can change the port used by the Oracle Application Server 10*g* (9.0.4) Oracle Enterprise Manager to a different port. You can then run both Oracle Enterprise Managers at the same time. To change the port on the Oracle Application Server 10*g* (9.0.4) Oracle Enterprise Manager, perform these steps:
>
> 1. In the OracleAS 10*g* (9.0.4) home, edit the `ORACLE_HOME/sysman/j2ee/config/emd-web-site.xml` file and change the port value from 1810 to an unused port. The following example sets the port to 1814:
>
>    ```
>    web-site host="[ALL]" port="1814" display-name="Oracle
>    Enterprise Manager iAS Console Website" secure="false"
>    ```
>
>   If the Oracle Collaboration Suite 9.0.4.1 instance is using 1810, it is also likely that the instance is using port 1811 for RMI operations. With the 9.0.2 Oracle Enterprise Manager running, check which port in the 1810-1829 range is unused, and use this value. You can run the `netstat` command to determine which ports are in use. The following example checks if port 1814 is in use.
>
>    ```
>    netstat -n | grep 1814
>    ```
>
> 2. In the OracleAS 10*g* (9.0.4) home, enter the same port number in the `ORACLE_HOME/sysman/emd/targets.xml` file. The port number is specified in the `StandaloneConsoleURL` property of the `oracle_ias` target:
>
>    ```
>    <Target TYPE="oracle_ias" NAME="infra.myhost.oracle.com"
>    VERSION="1.0">
>    ... lines not shown ...
>    <Property NAME="StandaloneConsoleURL"
>    VALUE="http://myhost.oracle.com:1814/emd/console"/>
>    ```
>
>   Once you have updated these two files, you can run *both* Oracle Enterprise Manager (9.0.2) and Oracle Enterprise Manager 10*g* (9.0.4) at the same time.

To start the Oracle 9*i* Application Server (9.0.2.3) metadata repository installation, first follow the instructions in Chapter 5, "Getting Started with Installation" in the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1).* Then, instead of continuing on to Chapter 6, "Installing Oracle9*i*AS Infrastructure," use the following steps 1 through 13.

1. The Confirm Pre-Installation Requirements screen appears after you click **Next** on the Language Selection screen.

2. Click **Next** to display the Select Configuration Options screen. Do not accept the default selection but select **specify your choice** and deselect the **Oracle Internet Directory** and **Oracle iAS Single Sign-On** components.

3. Click **Next** to configure the OracleAS 10*g* Single Sign-On with the Oracle9*i*AS (9.0.2.3) metadata repository. Enter the OracleAS 10*g* Single Sign-On host and port of the OracleAS 10*g* installation in step 1.

4. Click **Next** and specify the OracleAS 10*g* Oracle Internet Directory administrator username and password.

5. Click **Next** to display the create instance name and ias_admin password screen. Choose an Instance Name and choose and confirm the ias_admin Password.

6. Click **Next** to display the Guest Account Password screen.

> **Note:** The Oracle Universal Installer creates the `orclguest` account during running the Oracle directory configuration assistant. Because the Oracle Internet Directory is in the OracleAS 10*g* infrastructure environment, the OUI will not create the orclguest account because it does not run the Oracle Internet Directory configuration assistant. If you want the orclguest account to be configured you have to create an orclguest user via the OIDDAS application of the OracleAS 10*g* Infrastructure. If you do not create this account the Oracle Collaboration Suite 9.0.4.1.0 middle tier installer will give a warning for some configuration assistants that this account does not exist. You can ignore those errors if you do not need this account.

---

7. Click **Next**. If you are a member of the DBA group, the Summary screen displays. Proceed to Step 9. If you are not a member of the DBA group, the Privileged Operating System Groups screen displays.

8. Enter Database Administrator (OSDBA) Group and Database Operator (OSOPER) Group names.

9. Click **Next** to display the Summary screen.

10. Review the information and click **Install**. The location of the log files for the installation displays. After you click **Install**, files are copied and linked. This process can run for more than an hour.

11. As prompted, run `root.sh`. You must do this as root from another terminal window. When `root.sh` completes, return to the Oracle Universal Installer and click **OK** to display the configuration assistant screen. Review the status of the Oracle Application Server infrastructure configuration tools.

   The Oracle Universal Installer executes a configuration assistant for each component selected previously in the Select Configuration Options screen.

> **Note:** If you install the OracleAS 10*g* Infrastructure and the Oracle 9*i* Application Server (9.0.2.3) metadata repository on the same computer, it is possible that the network listener for the Oracle Application Server 10*g* metadata repository is already listening on ipc protocol with `key=EXTPROC` and tcp protocol on port 1521. In this case, the Oracle Net Configuration Assistant may hang and you can find the following errors in the `listener.log` file in the `iAS_9.0.2.3_Metadata_ Repository_home/network/log` directory:
>
> ```
> Error listening on:
> (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC)))
> TNS-12542: TNS:address already in use
> TNS-12560: TNS:protocol adapter error
> TNS-00512: Address already in use
> Linux Error: 98: Address already in use
> ```
>
> In this case:
>
> 1. Click **Stop** to stop the network configuration assistant.
> 2. Go to an OS shell and stop the listener from the OracleAS 10*g* environment using `$ lsnrctl stop`
> 3. Go back to the Oracle Universal Installer window and click **Retry**.
>
> The Oracle Net Configuration Assistant will now run successfully.
>
> The Oracle Application Server 10*g* metadata repository database will register itself in some seconds with the Oracle 9*i* Application Server (9.0.2.3) listener so the subsequent configuration assistants can reach it on port 1521.
>
> When the Oracle 9*i* Application Server (9.0.2.3) metadata repository installation is finished, you can stop its network listener and copy the SID-specific information from its `listener.ora` file to the Oracle Application Server 10*g* `listener.ora` file, for example:
>
> ```
> (SID_DESC =
>    (GLOBAL_DBNAME = iasdb1.collabtng10.us.oracle.com)
>    (ORACLE_HOME = /u01/app/oracle/product/ocsinfra)
>    (SID_NAME = iasdb1)
> )
> ```
>
> Then start the listener from the Oracle Application Server 10*g* Oracle home.

12. The End Of Installation screen displays the port numbers for installation and confirms success.

13. Check the installation log files for any installation errors. The installation log files are located in the `oraInventory` directory. The default installation log file directory is `orInventory_directory/logs`. Each installation log takes the form `InstallActionsYYYY-MM-DD_HH-MM-SSAM.log`.

4.3.4 Installing Oracle Database 10*g*

This section contains procedures for installing Oracle Database 10*g* and explains how to set the required database parameters.

1. Follow the instructions in *Oracle Database 10g Installation Guide* to install Oracle 10*g* Database.

2. Ensure that the following database parameters are set for the Oracle Database 10*g*.

   The values listed in Table 4–3 are minimum values for these parameters. You may want to increase these values as appropriate for your deployment.

Table 4–3   Oracle Database 10g Database Parameters

Parameter Name	Minimum Value
aq_tm_processes	1
java_pool_size	30 MB
job_queue_ processes	4
open_cursors	300
processes	100
session_max_open_ files	50
shared_pool_size	50 MB (52428800 bytes)

3. Repeat steps 3 and 4 in Section 4.2.2, "Oracle Database 10g Post-Upgrade Tasks for Oracle Files" on page 4.

4. Register the Oracle Database 10*g* with Oracle Internet Directory, as follows:

   Run the Oracle Net Configuration Assistant:

   a. Start the Oracle Net Configuration Assistant:

      ```
      $ORACLE_HOME/bin/netca
      ```

   b. In the Welcome window, select **Directory Usage Configuration** and click **Next**.

   c. Select the directory server you want to use. The directory server must already be configured for Oracle usage.

   d. Click **Next**.

   e. Select Oracle Internet Directory as the directory server type you want to use and click **Next**.

   f. Enter the Oracle Internet Directory host name, port, and SSL port and click **Next**.

   g. Select **cn=OracleContext** as the default Oracle Context in the directory server.

      > **Note:**   Do not choose **cn=OracleContext,subscriber_specific_ DN**.

   h. Click **Next**.

   i. Proceed to the end of the Oracle Net Configuration Assistant configuration.

      This creates an `ldap.ora` file that specifies the Oracle Internet Directory server and port number in the `$ORACLE_HOME/network/admin` directory.

   j. Exit the Oracle Net Configuration Assistant.

Run the Database Configuration Assistant.

a. Start the database configuration assistant:

`$Oracle_Home/bin/dbca`

b. Click **Next**.

c. Select **Configure database options in a database** and click **Next**.

d. Select the SID of the Oracle Email database to configure and click **Next**.

> **Note:** If the SID does not appear, check the `oratab` file in the `/var/opt/oracle` directory on Solaris, and the `/etc/oratab` directory on HP and Linux.

e. Select **Yes** and register the database.

Enter `cn=orcladmin` in the **User DN** field.

Enter the password for the name entered in the **User DN** field.

f. Click **Finish**.

g. In the Restart Database screen click **Yes**.

h. In the Summary screen click **Yes**.

i. Click **OK**.

The progress of database configuration displays in the Database Configuration Assistant screen.

j. Exit the database configuration assistant when the configuration completes.

4.3.5 Installing the Oracle Collaboration Suite Middle Tier

This section contains procedures for installing the Oracle Collaboration Suite 9.0.4.1 middle tier.

1. Before installing the middle tier, apply the following patches on the Oracle 9*i* Application Server (9.0.2.3) infrastructure metadata repository installation:

- Patch 3238095

- Patch 2282201

- Patch 2563444

- Patch 2802414

2. Install the Oracle Collaboration Suite 9.0.4.1.0 middle tier, as instructed in Chapter 6 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

> **Note:** Note the following points:
>
> 1. During the middle tier installation, deselect **Oracle Files** from the Component Configuration screen, or cancel the Oracle Files configuration assistant during the configuration phase.
>
> 2. In the OracleAS 10*g* Single Sign-On and Oracle Internet Directory registration dialog windows, provide the OracleAS 10*g* Identity Management information.
>
> 3. After you specify the *i*AS instance name and administrator password, the Oracle9*i*AS Metadata Repository selection window will appear because you have got two metadata repository registered in the Oracle Internet Directory. Select the Oracle 9*i* Application Server (9.0.2.3) metadata repository here.
>
> 4. Real-Time Collaboration Configuration Assistants will fail during this installation. This will be fixed when you apply the Oracle Collaboration Suite 9.0.4.2.0 to this middle tier.

3. Once the Oracle Collaboration Suite middle tier is installed, configure Oracle Email on the Oracle Database 10*g* Release 1 (10.1.0.2) information store by executing `umconfig.sh` in the middle tier system as follows:

```
$ORACLE_HOME/oes/bin/umconfig.sh
```

> **See Also:** *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*

> **Note:** When running `umconfig.sh`, select **MailStore Configuration**. You only need to run `umconfig.sh` against the information store.

> **Note:** The following Oracle Database 10*g*-specific errors can be ignored:
>
> Errors from dropping non-existent database objects:
>
> - ORA-00942: table or view does not exist
>
> - ORA-04043: object does not exist
>
> Errors when compiling the following PL/SQL packages and procedures:
>
> - MAIL_RECOVERY
>
> - MAIL_RECOVERY_FQ
>
> - ES_DOC_DATASTORE
>
> - ES_SEARCH_DATASTORE
>
> Errors when creating text index:
>
> - ORA-20000: Oracle Text Error
>
> - DRG-10761: procedure does not exist

4.3.6 Installing the Oracle Email Information Store Patch Set

This section explains how to install the Oracle Email Information Store Patch Release 9.0.4.2.0 on the Oracle Database 10*g* Release 1 (10.1.0.2) information store. Install the Oracle Email Information Store Patch Release 9.0.4.2.0 on the Oracle Database 10*g* Release 1 (10.1.0.2) information store, as follows:

> **Note:** Because you ran the `umconfig.sh` script in the previous step, the custom Oracle Database 10*g* Release 1 (10.1.0.2) will have an Oracle Email 9.0.4.1.0 schema prior to installing the patch.

1. Download the Oracle Email Information Store Patch Release 9.0.4.2.0 to the information store system from Oracle*MetaLink*, bug 3493339.

2. Untar `umbackend.tar`, as follows:

   ```
   $ cd download_location
   $ tar xvf umbackend.tar
   ```

3. Set the *ORACLE_SID* environment variable to specify the appropriate value for the Oracle Database 10*g* Release 1 (10.1.0.2) information storage database.

4. Change directory to `Disk1` under `download_location` and apply the patch by executing runInstaller, as follows:

   ```
   $ cd download_location/backend/Disk1
   $ ./runInstaller
   ```

   > **Note:** When prompted for component to be installed, select Oracle Email on Oracle Database 10*g* information store 9.0.4.2.0.

5. Install the patch in the Oracle Database 10*g* Release 1 (10.1.0.2) ORACLE_HOME.

4.3.7 Applying the Oracle Collaboration Suite Patch Set

This section contains procedures for applying the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) to the Oracle 9*i* Application Server (9.0.2.3) metadata repository and Oracle Collaboration Suite 9.0.4.1 middle tier.

1. Apply the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) to the Oracle 9*i* Application Server (9.0.2.3) metadata repository `ORACLE_HOME` (refer to step 3 for the `ORACLE_HOME`).

2. Apply the Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) to the Oracle Collaboration Suite middle tiers as instructed in Chapter 2, "Installing the Patch Set" on page 2-1.

3. Configure the middle tiers to start using the new custom Oracle Database 10*g* Release 1 (10.1.0.2) as the information store by executing `umconfig.sh` in the middle tier system as follows:

   ```
   $ORACLE_HOME/oes/bin/umconfig.sh
   ```

> **Note:** When running `umconfig.sh`, select **Middle Tier Configuration** only.

For more information, see *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*

4. Install and configure Oracle Voicemail & Fax, as instructed in Chapter 7 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

5. Proceed to Chapter 3, "Patch Set Postinstallation Instructions" and follow all instructions except those for Oracle Files.

6. Configure Oracle Files, including the optional Oracle Workflow integration, as instructed in Chapter 12 of the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1.0)*.

7. Configure Oracle9*i*AS Wireless as instructed in the *Oracle9iAS Wireless Administrator's Guide*.

8. Configure the rest of the middle tier components according to their respective chapters in the *Oracle Collaboration Suite Installation and Configuration Guide Release 2 (9.0.4.1)*.

5

New Features

This chapter contains information on various new features of Oracle Collaboration Suite and its components included in patch set Release 2 Patch Set 1 (9.0.4.2.0).

This chapter includes the following topics:

- Section 5.1, "Enabling New Language Translations (Optional)"
- Section 5.2, "Support for Oracle Database 10g Release 1"
- Section 5.3, "New Features in Oracle Calendar"
- Section 5.4, "New and Updated Server Parameters for the Oracle Calendar Server"
- Section 5.5, "New Features in Oracle Email"
- Section 5.6, "New Features in Oracle Files"
- Section 5.7, "New Features in Oracle Voicemail & Fax"
- Section 5.8, "New Features in Oracle Web Conferencing"
- Section 5.9, "New Features in Oracle9iAS Wireless"

5.1 Enabling New Language Translations (Optional)

Oracle Collaboration Suite patch set Release 2 Patch Set 1 (9.0.4.2.0) provides new language translations for Hungarian, Russian, Czech, and Romanian.

If you intend to use one or more of these languages, you must enable them according to the instructions in this section.

> **See Also:** Section 3.2.1, "Enabling Support for New Languages in Oracle Calendar" on page 3-2 for enabling new language support in Oracle Calendar

To enable the new language translations:

Infrastructure

> **Caution:** Enabling the same language more than once in Oracle9iAS Single Sign-On will result in repository corruption. Select the language selection menu from the Oracle9iAS Single Sign-On login page to see which languages are enabled at the instance.

1. Set the following environment variables:

   - Set the ORACLE_HOME

   - Set the PATH to include the following:

     `$ORACLE_HOME/bin`

   - Set the LD_LIBRARY_PATH to include the following:

     `$ORACLE_HOME/lib`

   - Set the SHLIB_PATH to the following for the hp-ux PA-RISC platform:

     `$ORACLE_HOME/lib32`

2. Create a directory in the infrastructure, as follows:

   `mkdir $ORACLE_HOME/sso/nlsres/ctl/language`

   where `language` is one of the following language codes:

   - `hu`: Hungarian

   - `ru`: Russian

   - `cs`: Czech

   - `ro`: Romanian

3. Copy the `middle_tier_$ORACLE_HOME`/portal/admin/plsql /nlsres/ctl/`language` file to the `infrastructure_$ORACLE_ HOME`/sso/nlsres/ctl/`language` file.

   > **Note:** If using FTP, execute the transfer in *binary* mode.

4. Enable Oracle9*i*AS Single Sign-On to support the new language by running the following command from the infrastructure (the following command is one continuous line):

   `$ORACLE_HOME/jdk/bin/java -jar $ORACLE_HOME/sso/lib/ossoca.jar langinst language 1 $ORACLE_HOME`

Middle Tier

> **Caution:** Enabling the same language more than once in Oracle9*i*AS Portal will result in repository corruption. Enable the language selection portlet to display enabled languages.

> **See Also:** *Oracle Application Server Portal Configuration Guide* for more information

1. Set the following environment variables:

   - Set the ORACLE_HOME

   - Set the PATH to include the following:

     `$ORACLE_HOME/bin`

- Set the `LD_LIBRARY_PATH` to include the following:

  `$ORACLE_HOME/lib`

- Set the `SHLIB_PATH` to the following for the hp-ux PA-RISC platform:

  `$ORACLE_HOME/lib32`

2. Enable Portal to support the new language by running the following command from the middle tier (the following command is one continuous line):

```
$ORACLE_HOME/assistants/opca/ptlasst.csh -mode LANGUAGE -s portal -sp
portal_password -c host.domain.com:1521:SID -lang language -available
-silent -m portal -verbose
```

where *language* is one of the following language codes:

- `hu`: Hungarian
- `ru`: Russian
- `cs`: Czech
- `ro`: Romanian

and *portal_password* is the Oracle9*i*AS Portal schema password. It can be retrieved from Oracle Internet Directory with dn:

```
OrclResourceName=portal_user,orclReferenceName=SID.host.domain.com,
cn=IAS Infrastructure Databases,cn=IAS,cn=Products,cn=OracleContext
```

host.domain.com:1521:*SID* specifies the connect string to the infrastructure database. The format should be `host_name:port:SID`. Default port and SID are 1521 and `iasdb` respectively.

5.2 Support for Oracle Database 10*g* Release 1

With this patch set, Oracle Collaboration Suite now supports Oracle Database 10*g*. Full instructions for using Oracle Database 10*g* with Oracle Collaboration Suite are provided in Section 4.2, "Using Oracle Database 10g with Oracle Collaboration Suite" on page 4-4.

5.3 New Features in Oracle Calendar

This section describes the new Oracle Calendar features and includes the following topics:

- Section 5.3.1, "New Features in the Oracle Calendar Server"
- Section 5.3.2, "New Features in the Oracle Calendar Administrator"
- Section 5.3.3, "New Features in the Oracle Calendar Application System"
- Section 5.3.4, "New Features in Oracle Connector for Outlook"
- Section 5.3.5, "New Features in the Oracle Calendar Desktop Clients"
- Section 5.3.6, "New Features in the Oracle Calendar Sync Clients"

5.3.1 New Features in the Oracle Calendar Server

This release of the Oracle Calendar server includes the following new features:

- Performance enhancements
  - Server side security enforcement
  - Improved event retrieval
  - Improved low-level event searching
  - Decreased CPU usage through tuning of low-level database access
  - Decreased CPU usage through tuning of Global Address List construction
- Scalability enhancements
  - Increased the maximum number of contacts per node to between 600000 and 1 million depending on your setup
  - Serialization of synchronization context refreshes
- Tighter integration with Oracle Internet Directory
  - Access to more user attributes
  - Better support for users who have multiple e-mail addresses in Oracle Internet Directory (3299418)
  - Increased deployment flexibility through support for non-persistent (on demand) Directory Access Server connections
- Support for coexistence between a standalone calendar server connected to an iPlanet directory server and an Oracle Calendar server connected to an Oracle Internet Directory server and linked through Oracle Directory Integration and Provisioning to an iPlanet directory server
- Increased support for Oracle Connector for Outlook
  - Support for personal annotation of meeting details
  - Increased length of the country name and middle name attributes
  - Support for longer resource IDs
  - Support for longer resource names
  - Support for the following attributes in the user information dialog box:
    * Department
    * Display
    * Home (phone number)
    * Office
    * Address (office address)
    * City (office address)
    * State (office address)
    * Zip code (office address)
    * Pager (phone number)
    * Alias
    * Business 2 (phone number)
    * Home 2 (phone number)
    * Notes (phone number)

* Assistant

* Assistant (phone number)

* Manager (organization)

■ Support for the capability to invite users by e-mail address or user ID

■ Support for the ability to restrict users from browsing the user directory when logging in (3266790)

■ Support for multi-threading in Linux installations

■ The initials attribute is now mapped to middle name by default

■ Web conferencing notifications can be disabled

■ New languages supported for notification and reminder e-mails: Czech, Hungarian, Romanian and Russian

■ Support for longer lists of Oracle Calendar Web client favorites

■ Several server parameters have been added and updated to support new features. For a detailed listing of the changes see the *Oracle Collaboration Suite Release Notes*.

■ The capability to limit the maximum number of attendees for a meeting has been added. The default limit is 5000.

5.3.2 New Features in the Oracle Calendar Administrator

In this release of the Oracle Calendar Administrator you can search for resources by category using the advanced search.

5.3.3 New Features in the Oracle Calendar Application System

This section includes the following topics:

■ "New Features in the Oracle Calendar Web Client"

■ "New Features in Oracle Sync Server"

■ "New Features in Oracle Calendar Web Services"

New Features in the Oracle Calendar Web Client

This section lists new features of the Oracle Calendar Web client.

■ The Favorites list can now include more than 15 agendas, provided this is configured in the `ocwc.conf` and `unison.ini` files. See Section 3.2.4, "Increasing the Size of the Favorites List in the Oracle Calendar Web Client" on page 3-5 for configuration instructions. (3138441)

■ The Web client now supports the following languages: Romanian, Russian, Hungarian and Czech. See Section 3.2.1, "Enabling Support for New Languages in Oracle Calendar" on page 3-2 for configuration instructions. (3387489)

■ E-mail addresses can now be used to search for users. (3292710)

■ Pages have been optimized for faster performance. (3306569)

■ Opening remote users' agendas is now faster. (2984604, 3315169)

■ Supported default attachment types now include `.zip`, `.bmp`, and `.png`. See Section 3.2.2, "Reducing Page Size and Enabling Support for New Attachment Types in Oracle Calendar" on page 3-3 for configuration instructions. (3140301)

- Internet Explorer's Autocomplete feature is now disabled for text fields in Oracle Calendar; this is to increase security, particularly for users who share a computer. (3267536)

- Various enhancements, such as a clearer subject line, have been implemented in Resource Approval e-mail messages. (3274584)

- The Oracle Calendar portlet can now display meetings that last more than 24 hours. (3104320)

- External users invited to meetings are now displayed in the attendees list. (3258432)

- The time zone table under Preferences has been translated. (3125321)

- The names of files attached to meetings are now displayed. (2634962)

- The New Task page in Accessible mode is more clearly organized. (3402994)

New Features in Oracle Sync Server

This section lists new features of Oracle Sync Server.

The following devices have been certified for use with Oracle Sync Server:

- Sony Ericsson P900 (with firmware R4A06)

- Sony Ericsson T610/T616

- Nokia 6600

- Nokia 6820

- Siemens M55

This release provides support for version 2.1.0.1 of the Synthesis SyncML client used on the following devices with Oracle Sync Server:

- PocketPC:
    - HP iPAQ 5550
    - Dell Axium
    - Siemens SX56
- Palm:
    - Sony Clie TG50
    - Palm Tungsten W
    - Palm Tungsten T3

This release provides support for Blackberry devices used with Oracle Sync Server and Research In Motion's Consilient2 SyncML solution.

New Features in Oracle Calendar Web Services

This section lists new features of Oracle Calendar Web services.

- **Summaries**: Through Web services, users can now query the Oracle Calendar server for the number of unconfirmed events, number of open tasks, or number of overdue tasks, based on a date range.

- **Searches**: Through Web services, users can now search the Oracle Calendar server for events based on criteria such as location, title, start time and attendees.

5.3.4 New Features in Oracle Connector for Outlook

This section lists new features of Oracle Connector for Outlook.

- Ability to add personal notes to an entry. The steps are as follows:

    1. Type the text in the **Notes** section of the entry.

    2. Save the entry.

    3. Your personal note is displayed in the **Notes** section. To view the entry organizer's original notes, click **Organizer's Notes**.

    4. If the entry owner modifies the original note, a bell icon will appear beside the **Organizer's Note** button. To view the organizer's modified note, click **Organizer's Note**. The bell icon will not be displayed after you view the modified note.

    > **Note:**   This feature is only available for calendar entries created by other users. Users cannot add personal notes to entries they create.

- Use of an extensible time zone table. To address issues encountered by users of older versions of Windows in certain time zones, the way time zones are handled was re-architectured. This re-architecture enables Oracle Connector for Outlook to dynamically adapt to time zone discrepancies between the Windows' time zone and the calendar server's time zone. (3207187, 3197015)

- To provide quick access to other users' folders, a list of most recently opened other users' folders is available by selecting **File**, then selecting **Open**. This list is also available by using a keyboard shortcut.

- Additional GAL user attributes displayed in the Properties dialog box

    – User attributes displayed are more representative of the fields available in Oracle Internet Directory

    – Certain attributes can be hidden through the use of server-side parameters

    > **Note:**   Display of direct reports is not yet supported.

- Significant decrease in e-mail notifications sent for Web conferences

    – E-mail notifications are only sent when a Web conference is created, the time is updated or if a new attendee is added

- Selecting **I am currently out of the office** using the Out of Office Assistant defaults to the **Reply only once to each sender** option instead of the **Reject sender's e-mail** option

- Support for Windows Server 2003

- Support for ActiveSync to 3.7.1

- Support for Czech, Russian and Romanian

5.3.5 New Features in the Oracle Calendar Desktop Clients

This section includes the following topics:

- "Oracle Calendar Desktop Client for Windows"

- "Oracle Calendar Desktop Client for Macintosh"
- "Oracle Calendar Desktop Client for Linux"
- "Oracle Calendar Desktop Client for Solaris"

Oracle Calendar Desktop Client for Windows
- Ability to search for users based on their user IDs and e-mail addresses
- Comma and tab-delimited exports include information from the **Details** field
- Support for French

Oracle Calendar Desktop Client for Macintosh
- Ability to search for users based on their user IDs and e-mail addresses
- Comma and tab-delimited exports include information from the **Details** field

Oracle Calendar Desktop Client for Linux
- Ability to search for users based on their user IDs and e-mail addresses
- Comma and tab-delimited exports include information from the **Details** field

Oracle Calendar Desktop Client for Solaris
- Ability to search for users based on their user IDs and e-mail addresses
- Comma and tab-delimited exports include information from the **Details** field

5.3.6 New Features in the Oracle Calendar Sync Clients

This section includes the following topics:

- "Oracle Calendar Sync for Palm for Windows"
- "Oracle Calendar Sync for Palm for Macintosh"
- "Oracle Calendar Sync for Pocket PC"

Oracle Calendar Sync for Palm for Windows
- Support for the Tungsten W
- Support for French

Oracle Calendar Sync for Palm for Macintosh
- Support for Mac OS 9.22 to 10.3

Oracle Calendar Sync for Pocket PC
- Support for the HP IPAQ 5550 (2003) and Dell Axim 2003
- Support for French

5.4 New and Updated Server Parameters for the Oracle Calendar Server

This section describes new and updated parameters for the Oracle Calendar server and contains the following topics.

- Section 5.4.1, "New Parameters in the unison.ini File"
- Section 5.4.2, "Updated Parameters in the unison.ini File"

■ Section 5.4.3, "Updated UNIX Environment Variables"

5.4.1 New Parameters in the unison.ini File

Table 5–1 contains the new parameters that have been added to the unison.ini file.

Table 5–1   New parameters added to the unison.ini file

Section	Parameter	Description
[CLIENT]	oc_minsendreceiverate	Controlling the Rate of Oracle Connector for Outlook Refreshes
	searchorder_user	Specifying Client Application Search Methods
[CONFERENCING]	baseurl_join	Redirecting Web Conferencing URLs
	disablenotification	Disabling Web Conferencing Notification
[DAS]	dir_connectmodel	Specifying the Directory Server Connection Model
[ENG]	dir_enableldappersonsearch	Enabling Access to LDAP Directories
	maxattendees	Limiting the Number of Meeting Attendees
	ocas_sessionexpiry	Setting Time Limits for Oracle Calendar Application System Sessions
[LDAP]	attr_alias	Specifying the LDAP Attribute for Alias
	attr_assistant	Specifying the LDAP Attribute for Assistant Name
	attr_assistantphone	Specifying the LDAP Attribute for Assistant Phone Number
	attr_department	Specifying the LDAP Attribute for Department
	attr_displayname	Specifying the LDAP Attribute for Display Name
	attr_homephone2	Specifying the LDAP Attribute for Alternate Home Phone Number
	attr_managerdn	Specifying the LDAP Attribute for Manager
	attr_notes	Specifying the LDAP Attribute for Notes
	attr_officeaddress	Specifying the LDAP Attribute for Business Address: Street
	attr_officecity	Specifying the LDAP Attribute for Business Address: City
	attr_officename	Specifying the LDAP Attribute for Business Address: Building
	attr_officepostalcode	Specifying the LDAP Attribute for Business Address: Postal Code
	attr_officestate	Specifying the LDAP Attribute for Business Address: State
	attr_pager	Specifying the LDAP Attribute for Pager
	attr_phone2	Specifying the LDAP Attribute for Alternate Business Phone

Controlling the Rate of Oracle Connector for Outlook Refreshes

Parameter: `oc_minsendreceiverate`

Section: `[CLIENT]`

Description: Specifies the minimum number of minutes before the next automatic call to the server to check for new agenda entries. This is used by Oracle Connector for Outlook only.

Accepted values: Any positive integer

Default value: `15`

Specifying Client Application Search Methods

Parameter: `searchorder_user`

Section: `[CLIENT]`

Description: Specifies to the client which search methods to use and in what order when trying to find a calendar user account.

Accepted values: A comma delimited list of search methods enclosed in curly braces. The currently recognized search methods are: `X400, USERID, EMAIL`.

Default values: At installation, if e-mail is mapped to user ID then the default value is set to `{USERID, X400}`. Otherwise there is no default set.

Redirecting Web Conferencing URLs

Parameter: `baseurl_join`

Section: `[CONFERENCING]`

Description: Specifies the base URL to use to replace the base URL of the join URL provided by Web Conferencing when a meeting is created.

> **See Also:** `[CONFERENCING]url` in the *Oracle Calendar Reference Manual*

Accepted values: A base URL of the following format:

Protocol: `HTTP` or `HTTPS`
Hostname: *hostname value* (default = localhost)
Port: *port value* (HTTP default = 80, HTTPS default = 443)
If a path is supplied, it is ignored.
Example:
`HTTP://localhost:80/`
`HTTPS://myhost.com:7815/`

Default value: None

Disabling Web Conferencing Notification

Parameter: `disablenotification`

Section: `[CONFERENCING]`

Description: Specifies whether or not Web Conferencing sends e-mail notifications of changes made to meetings by Calendar client applications. This parameter applies to Oracle Connector for Outlook only.

Accepted values:

`TRUE` (Disables notification)

`FALSE` (Enables notification)

Default value: `FALSE`

Specifying the Directory Server Connection Model

Parameter: `dir_connectmodel`

Section: `[DAS]`

Description: Specifies the directory server connection model. In the persistent connection model, the directory server connection is established at startup and terminated at shutdown. In the on-demand connection model, the directory server connection is established for a transaction that requires directory access and is terminated at the end of the transaction.

Accepted values:

`persistent`

`ondemand`

Default value: `persistent`

Enabling Access to LDAP Directories

Parameter: `dir_enableldappersonsearch`

Section: `[ENG]`

Description: Enables or disables access to non-calendar users stored in an LDAP directory. To minimize the number of hits to the LDAP directory server in environments where all the LDAP users are provisioned for Oracle Calendar, set this parameter to `FALSE`.

Accepted values

`TRUE` (Enables access to the LDAP directory)

`FALSE` (Disables access to the LDAP directory)

Default value: `TRUE`

Limiting the Number of Meeting Attendees

Parameter: `maxattendees`

Section: `[ENG]`

Description: Specifies the maximum number of attendees an event can have. This parameter does not apply to holidays, the `unimvuser` utility, or replication.

A value of 0 indicates that no limit should be enforced by the server.

Accepted values: Any positive integer or 0.

Default value: `5000`

Setting Time Limits for Oracle Calendar Application System Sessions

Parameter: `ocas_sessionexpiry`

Section: `[ENG]`

Description: Specifies the amount of time, in minutes, before the connection between Oracle Calendar Application System and Oracle Calendar server is terminated. The

actual expiry is set within plus or minus 30% of this value. This implies that, with a default setting of 2160 minutes (36 hours), the actual expiry will be within 1 or 2 days of the connection being established. A value of 0 indicates that no limit should be enforced by the server.

> **Note:** Client applications are not affected by this connection loss.

Accepted values: Any positive integer or 0.

Default value: `2160` (36 hours)

Specifying the LDAP Attribute for Assistant Phone Number

Parameter: `attr_assistantphone`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `ASSISTANT-PHONE` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the LDAP Attribute for Alias

Parameter: `attr_alias`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `ALIAS` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `uid`

Specifying the LDAP Attribute for Assistant Name

Parameter: `attr_assistant`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `ASSISTANT` attribute.

> **See Also:** `[LDAP]attr_assistantphone` in Specifying the LDAP Attribute for Assistant Phone Number

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the LDAP Attribute for Department

Parameter: `attr_department`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `DEPARTMENT` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `departmentnumber`

Specifying the LDAP Attribute for Display Name

Parameter: `attr_displayname`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `DISPLAYNAME` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value:

`displayname` (for Oracle Internet Directory)

`" "` (for LDAP directory servers)

Specifying the LDAP Attribute for Alternate Home Phone Number

Parameter: `attr_homephone2`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `HOMEPHONE2` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the LDAP Attribute for Manager

Parameter: `attr_managerdn`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for a user's `managerdn` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value:

`manager` (for Oracle Internet Directory)

`" "` (for LDAP directory servers)

Specifying the LDAP Attribute for Notes

Parameter: `attr_notes`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `notes` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the LDAP Attribute for Business Address: Street

Parameter: `attr_officeaddress`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `OFFICE-ADDRESS` attribute.

> **See Also:**
>
> `[LDAP]attr_officecity` in Specifying the LDAP Attribute for Business Address: City
>
> `[LDAP]attr_officepostalcode` in Specifying the LDAP Attribute for Business Address: Postal Code
>
> `[LDAP]attr_officestate` in Specifying the LDAP Attribute for Business Address: State
>
> `[LDAP]attr_country` in the *Oracle Calendar Reference Manual*

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `street`

Specifying the LDAP Attribute for Business Address: City

Parameter: `attr_officecity`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `OFFICE-CITY` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `l` (lowercase L)

Specifying the LDAP Attribute for Business Address: Building

Parameter: `attr_officename`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `OFFICE-BUILDING` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `physicalDeliveryOfficeName`

Specifying the LDAP Attribute for Business Address: Postal Code

Parameter: `attr_officepostalcode`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `OFFICE-POSTALCODE` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `postalcode`

Specifying the LDAP Attribute for Business Address: State

Parameter: `attr_officestate`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `OFFICE-STATE` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `st`

Specifying the LDAP Attribute for Pager

Parameter: `attr_pager`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `PAGER` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `pager`

Specifying the LDAP Attribute for Alternate Business Phone

Parameter: `attr_phone2`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the secondary business telephone number "`PHONE2`" attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

5.4.2 Updated Parameters in the unison.ini File

This section contains a list of updated parameters and their descriptions.

Table 5–2   Parameters updated in release 9.0.4.2

Section	Parameter	Description	Changes made
`[CWS]`	`mailhdrtoname`	Enabling Name Display in E-Mail Headers	The description has been modified.
	`noreqsleep`	Setting CWS Waiting Time	The description has been modified.

Table 5–2   (Cont.) Parameters updated in release 9.0.4.2

Section	Parameter	Description	Changes made
	noreqsleep_replication	Setting CWS Waiting Time for Replication Requests	The description has been modified.
	smsnotifymsgfile	N/A	This parameter has been obsoleted.
[DAS]	dir_connection	N/A	This parameter has been obsoleted.
[DB]	db_pages	Specifying the Number of Pages for the Database Cache	The default value has been changed from 8 to 24.
[ENCRYPTION]	default	Specifying the Default Encryption Method	The default value has been changed from `none` to `cs-light`.
[ENG]	allowresourceconflict	Allowing Resource Conflicts	The description has been modified.
	gal_refreshinterval	Refreshing the Global Address List	The default value has been changed from 7200 to 21600.
	itemextinfomaxsize	Storing Web Client Preferences	This parameter is now published.
	sss_cachesize	Specifying the Size of the Server-Side Security Records Cache	The default value has been changed from 101 to `maxsession * 100`.
	sss_cacheexpiredelay	N/A	This parameter has been renamed to `sss_expiredelay`.
	sss_expiredelay	Specifying the Expiry Delay for the Server-Side Security Records Cache	This parameter has been renamed from `sss_cacheexpiredelay`.
[LDAP]	attr_address	Specifying the LDAP Attribute for User Address	The description has been modified.
	attr_employeeid	Specifying the LDAP Attribute for Employee ID	The default value has been changed from None to `+++`.
	attr_fax	Specifying the LDAP Attribute for Fax Number	This parameter is now published.
	attr_homephone	Specifying the LDAP Attribute for Home Phone Number	This parameter is now published.
	attr_initials	Specifying the LDAP Attribute for User Initials	The default value has been changed from `initials` to `middlename`.
	attr_jobtitle	Specifying the LDAP Attribute for Job Title	This parameter is now published.
	attr_orgunit1	Specifying the LDAP Attribute for Organizational Unit	This parameter is now published.

Table 5–2   (Cont.) Parameters updated in release 9.0.4.2

Section	Parameter	Description	Changes made
	`attr_phone`	Specifying the LDAP Attribute for Business Phone Number	This parameter is now published.
	`attr_timezone`	Specifying the LDAP Attribute for Time Zone	This parameter is now published.
	`usealtexclusionfilter`	N/A	This parameter has been obsoleted.
LIMITS	`autocontrol`	Specifying the Minimum Interval for Checks for New Agenda Entries	There was an error in the documentation of this parameter.
	`resourceconflicts`	Allowing Resource Double-Booking	The description has been modified.
	`userlist_login`	Enabling Browsing at Login	The default value was changed from `TRUE` to `FALSE`.
UTL	`ca_maxsearchresult`	Limiting the Number of Search Results	The default value has been changed from 100 to 200.

Enabling Name Display in E-Mail Headers

Parameter: `mailhdrtoname`

Section: `[CWS]`

Description: Determines whether or not to include names along with addresses in the e-mail address fields ("From:", "To:" and "Reply-To") of the mail header. While addresses are constructed using ASCII characters (and hence present no display problem for mail readers), names may contain non-ASCII characters. In cases where the mail reader is unable to display the non-ASCII characters properly, remove the names from the address field altogether.

Accepted values:

`TRUE` (Include names)

`FALSE` (Do not include names)

Default value: `TRUE`

Setting CWS Waiting Time

Parameter: `noreqsleep`

Section: `[CWS]`

Description: Specifies the number of seconds the Corporate-Wide Services daemon/service waits (sleeps) when there is no work to do. This setting affects how often certain operations, such as server-side reminders and replication, are done. A low value may slow down the `uniengd` but reduces any delays in processing reminders and Web conferencing replication requests.

If no replication requests remain in the CWS replication queue, the number of seconds to wait before checking for new replication requests will be the greater of `noreqsleep` and `noreqsleep_replication`.

Accepted values: A positive integer

Default value: 15

Setting CWS Waiting Time for Replication Requests

Parameter: noreqsleep_replication

Section: [CWS]

Description: Specifies the number of seconds the Corporate-Wide Services daemon/service waits (sleeps) when there are no replication requests in the queue. This setting affects how often certain operations, such as remote user replication, are done. A low value may slow down the uniengd but reduces any delays in processing reminders and Web conferencing replication requests.

If no replication requests remain in the CWS replication queue, the number of seconds to wait before checking for new replication requests will be the greater of noreqsleep and noreqsleep_replication.

Accepted values: A positive integer

Default value: 15

Specifying the Number of Pages for the Database Cache

Parameter: db_pages

Section: [DB]

Description: Specifies the number of pages for the database cache. The greater the value, the greater the amount of memory used and the better the performance. As the number increases beyond a certain point, the returns on performance enhancement diminish.

Accepted values: A positive integer

Default value: 24

Specifying the Default Encryption Method

Parameter: default

Section: [ENCRYPTION]

Description: Specifies the default encryption method the calendar server uses for clients.

Accepted values: Any method in the list specified by the [ENCRYPTION] supported parameter.

Default value: cs-light

Allowing Resource Conflicts

Parameter: allowresourceconflict

Section: [ENG]

Description: Specifies whether the server allows double-booking of resources. This parameter should always be set with the same value as the [LIMITS] resourceconflicts parameter.

If this parameter is set to FALSE, each resource either allows or disallows conflicts based on its ALLOW-CONFLICT attribute. If the ALLOW-CONFLICT attribute is set to FALSE, no conflict will be allowed.

If this parameter is set to `TRUE`, the server allows all resources to be double-booked. In this case, the `ALLOW-CONFLICT` resource attribute is ignored.

> **See Also:** `[LIMITS] resourceconflicts` in Allowing Resource Double-Booking

Accepted values:

`TRUE` (Allow double-bookings)

`FALSE` (Do not allow double-bookings)

Default value : `FALSE`

Refreshing the Global Address List

Parameter: `gal_refreshinterval`

Section: `[ENG]`

Description: Specifies the time interval in seconds between each refresh of the Global Address List (GAL). Searches for entries in the GAL are a drain on performance and frequently done. To improve performance, the search results are cached and reused by the server.

To make sure that the cache is updated, the CWS periodically (see `[CWS] galsyncinterval`) sends requests to the server to update the result set. The result set is only rebuilt if it was invalidated (if, for example, a new node was added to the network) or if the current revision is older than the value of the parameter `gal_refreshinterval`. The parameter `[CWS] galsyncinterval` is used to configure the interval between each refresh.

Accepted values: A positive integer

Default value: `21600 (6 hours)`

Storing Web Client Preferences

Parameter: `itemextinfomaxsize`

Section: `[ENG]`

Description: Specifies the maximum length of the `itemextinfo` attribute used by the Web client to store calendar account preferences.

Accepted values: A positive integer larger than 1500

Default value: None

Specifying the Size of the Server-Side Security Records Cache

Parameter: `sss_cachesize`

Section: `[ENG]`

Description: Specifies the number of read access record entries in the cache. The server uses these records to determine whether a user has the right to read calendar data he does not own. This cache is used to speed up reading the security access records by the server for handling the server-side security. There is one cache per user session.

> **See Also:** `[ENG] sss_expiredelay` in Specifying the Expiry Delay for the Server-Side Security Records Cache

Accepted values:

`0` (Disables the cache)

A positive integer less than 1000003

Default value: `maxsession * 100`

Specifying the Expiry Delay for the Server-Side Security Records Cache

Parameter: `sss_expiredelay`

Section: `[ENG]`

Description: Specifies the number of seconds an entry is kept in the cache before it expires.

> **See Also:** `[ENG] sss_cachesize` in Specifying the Size of the Server-Side Security Records Cache

Accepted values: A positive integer

Default value: `900`

Specifying the LDAP Attribute for User Address

Parameter: `attr_address`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the calendar user address attribute `LOC`.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value:

`postalAddress` (for Oracle Calendar standalone)

`homePostalAddress` (for Oracle Collaboration Suite)

Specifying the LDAP Attribute for Employee ID

Parameter: `attr_employeeid`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the "`EMPL-ID`" attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `employeenumber`

Specifying the LDAP Attribute for Fax Number

Parameter: `attr_fax`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `FAX` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `facsimileTelephoneNumber`

Specifying the LDAP Attribute for Home Phone Number

Parameter: `attr_homephone`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `HOMEPHONE` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the LDAP Attribute for User Initials

Parameter: `attr_initials`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the initials "`I`" attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `middlename`

Specifying the LDAP Attribute for Job Title

Parameter: `attr_jobtitle`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the job title "`jt`" attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the LDAP Attribute for Organizational Unit

Parameter: `attr_orgunit1`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the `OU1` attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `ou`

Specifying the LDAP Attribute for Business Phone Number

Parameter: `attr_phone`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the business telephone number "`PHONE`" attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: `phone`

Specifying the LDAP Attribute for Time Zone

Parameter: `attr_timezone`

Section: `[LDAP]`

Description: Specifies the attribute name that the LDAP directory server uses for the time zone attribute.

Accepted values: Any attribute name defined in the LDAP directory server schema. If "" is used, this attribute will not be read nor written.

Default value: None

Specifying the Minimum Interval for Checks for New Agenda Entries

Parameter: `autocontrol`

Section: `[LIMITS]`

Description: Specifies the minimum number of minutes that a user can set as the interval between agenda refresh calls to the server (that is, between each check for new agenda entries).

If this value is less than `[ENG]maxsessions/60`, the value of `[ENG]maxsessions/60` takes precedence, to a maximum value of 45. For example, if `autocontrol = 15` and `[ENG]maxsessions = 1200`, no refresh occurs before 20 (i.e. 1200/60) minutes has elapsed.

> **See Also:** `[ENG]maxsessions`, `[CLIENT]minrefreshrate` in the *Oracle Calendar Reference Manual*

Accepted values: Any positive integer up to the value of (2^{16}-1)

Default value: `15`

Allowing Resource Double-Booking

Parameter: `resourceconflicts`

Section: `[LIMITS]`

Description: Specifies whether the client allows users to double-book resources. In release 5.4 and older where resource conflicts is a server wide setting, this parameter should always be set with the same value as the `[ENG] allowresourceconflict` parameter. This applies to the Oracle Calendar Desktop clients and the Oracle Calendar Web client.

If a per-resource conflict option is required and older clients are in use, set this parameter to `TRUE` so that the clients allow the double-booking but the server blocks it if the resource does not allow conflicts. This allows for per-resource configuration, however, the older clients may not gracefully handle the errors returned by the server enforcement.

> **See Also:** `[ENG] allowresourceconflict` in
> Allowing Resource Conflicts

Accepted values:

`TRUE` (Allow double-bookings)

`FALSE` (Do not allow double-bookings)

Default value: `TRUE`

Enabling Browsing at Login

Parameter: `userlist_login`

Section: `[LIMITS]`

Description: Specifies whether or not to show a list of matching users when more than one fits the specified sign-in credentials.

Accepted values:

`TRUE` (Displays the list of matching users)

`FALSE` (Do not display the list)

Default value: `FALSE`

Limiting the Number of Search Results

Parameter: `ca_maxsearchresult`

Section: `[UTL]`

Description: Specifies the maximum number of entries (users, resources and event calendars) that the LDAP directory will return to the Calendar Administrator that made a search request. This parameter applies only to the Calendar Administrator.

This parameter can be set to a higher value than the `[LIMITS] maxsearchresult` parameter because much fewer users will be using the Calendar Administrator.

> **See Also:** `[LIMITS] maxsearchresult` in the
> *Oracle Calendar Reference Manual*

Accepted values: Any positive integer up to the value of $(2^{32}-1)$

Default value: `200` (List only 200 entries at a time)

5.4.3 Updated UNIX Environment Variables

The accepted value of the UNIX environment variable `CTSIS_IPC_PATH` was updated. This variable specifies the path where the Calendar IPC will be created in UNIX. The accepted value for this variable is a valid path with a maximum length of 50 characters. There default value is `/tmp`.

5.5 New Features in Oracle Email

This section includes the following topics:

- "Oracle Webmail Spell Checker"
- "New Shared Folder Listing Behavior"
- "New Oracle Email Migration Tool Features"

Oracle Webmail Spell Checker

A spell checker has been added to the Oracle Webmail client. The spell checker offers standard spell checking features for composing new e-mail messages, and is available on the e-mail message composition page. It currently supports spell checking for the following languages:

- Brazilian Portuguese

- Danish

- Dutch

- English

- Finnish

- French

- German

- Italian

- Norwegian

- Portuguese

- Spanish

- Swedish

New Shared Folder Listing Behavior

- By default, shared folders are not displayed in the **Folder** drop-down boxes

- Shared folders become available when the user explicitly selects the **Shared** tab of the **All Folders** list

New Oracle Email Migration Tool Features

The Oracle Email Migration Tool is certified to run with Microsoft Exchange 2000 server and the Microsoft Outlook 2000 client.

> **Note:**   When using the Microsoft Exchange 2000 plug-in, ensure that the name of the Exchange MAPI profile provided in the plug-in configuration file (`esmigration.config`) is the same as the username of the mailbox with Active Directory and Exchange server administration permissions that is entered in the Migration Wizard screens. For example, if the e-mail address of the administrator is `admin@example.com`, the MAPI profile used for migration must be named `admin`.

5.6 New Features in Oracle Files

The following new features for Oracle Files are included in this patch set:

- "Enhancements to User Lookup"

- "Enable/Disable Workspace Creation Feature"

- "OmniPortlet Support"

Enhancements to User Lookup

The User Lookup feature has been enhanced to allow searching for users by **User ID**, **First Name**, **Last Name**, or **Email Address**. Previously, only searching by **User ID** was allowed.

Enable/Disable Workspace Creation Feature

New for this release, the Subscriber Administrator can enable or disable workspace creation for the users in their Subscriber. If workspace creation is enabled, users in the Subscriber can create their own workspaces. If workspace creation is disabled, users in the Subscriber cannot create their own workspaces, and only the Subscriber Administrator can create workspaces. Users may, however, still request to join existing listed workspaces.

> **See Also:** "Default Workspace Creation Settings" in the Oracle Files Subscriber Administrator help for information about how to use this feature

OmniPortlet Support

New for this release, Oracle Files provides support for and integration with the OmniPortlet, a feature of Oracle Application Server Portal (OracleAS Portal).

The following sections provide instructions on how to set up Oracle Files for the OmniPortlet:

- "Installing Oracle Application Server Portal Developer Kit (OracleAS PDK)"
- "Deploying the Files Searchlet"
- "Configuring the Files Searchlet"
- "Registering the Files Searchlet in the OmniPortlet Framework"
- "Configuring and Verifying the Search Web Service User"
- "Registering and Configuring the OmniPortlet"

Installing Oracle Application Server Portal Developer Kit (OracleAS PDK)

You can install OracleAS PDK on the Oracle Files middle tier computer, or on another computer. For information about system requirements, see the OracleAS PDK 9.0.4.0.2 Release Notes, available from

http://portalstudio.oracle.com

To install and configure OracleAS PDK, follow these steps:

1. Create a directory (for example, `OracleAS_PDK`) where you want to install OracleAS PDK.

2. From a Web browser, access http://portalstudio.oracle.com.

3. Download OracleAS PDK Release 9.0.4.0.2 to the directory you created in Step 1, by choosing the **Download pre-configured standalone OC4J with PDK** install option from the PDK Downloads page.

4. Unzip the downloaded files to install the Oracle Application Server Portal Developer Kit.

> **See Also:**
>
> http://updates.oracle.com/unzips/unzips.html for information about obtaining the UnZip utility

5. Download and install JDK 1.4.1 on this computer, if it is not there already. OracleAS PDK requires JDK 1.4.1.

6. Set the `JAVA_HOME` environment variable to point to JDK 1.4.1.

7. Add the `JAVA_HOME`/bin directory to the `PATH` environment variable.

Deploying the Files Searchlet

This section describes how to deploy the Files Searchlet. In the following instructions, *oc4j_home* refers to *unzipped_directory*/j2ee/home; for example, `OracleAS_PDK/j2ee/home`.

To deploy the Files Searchlet:

1. Create a directory called `FilesSearchlet` under the following directory:

   oc4j_home/connectors

2. Copy the file `files_searchlet.rar` into the `FilesSearchlet` directory you just created. The `files_searchlet.rar` file is located on the Oracle Files middle-tier computer in the following directory:

   `$ORACLE_HOME/ifs/files/lib`

3. Navigate to the *oc4j_home*/config directory and open the file `oc4j-connectors.xml` for editing.

4. Add a `<connector>` tag for the Files Searchlet by adding the following lines to the `<OC4J-connectors>` section:

   ```
   <connector name="FilesSearchlet" path="files_searchlet.rar">
   </connector>
   ```

   The relevant portion of the edited file should look like the following:

   ```
   <oc4j-connectors>
   <connector name="FilesSearchlet" path="files_searchlet.rar">
   </connector>
   </oc4j-connectors>
   ```

5. Save the file.

6. Start the OC4J instance using the startup script located in *unzipped_directory*/bin; for example, `OracleAS_PDK/bin`:

   ```
   cd unzipped_directory/bin
   chmod 755 *.sh
   ./startup.sh &
   ```

   The `files_searchlet.rar` file is expanded under the directory *oc4j_home*/connectors/FilesSearchlet.

Configuring the Files Searchlet

This section describes how to configure the Files Searchlet. In the following instructions, *oc4j_home* refers to *unzipped_directory*/j2ee/home; for example, `OracleAS_PDK/j2ee/home`.

To configure the Files Searchlet:

1. Navigate to the *oc4j_home*/application-deployments/default/FilesSearchlet directory.

2. Open the `oc4j-ra.xml` file for editing.

3. Specify the JNDI name for the Files Searchlet by setting the location in the `<connector-factory>` tag, as follows:

```
<connector-factory location="eis/FilesSearchlet" connector-name="Files
Search Adapter">
```

4. Set the value for the Search Web Service URL, as follows:

```
<config-property name="webServiceURL" value="http://files_host_
name:port/files/SearchServer"/>
```

For example:

```
<config-property name="webServiceURL" value="http://myhost.mycompany.
com:7777/files/SearchServer"/>
```

5. Create a Search Web Service user, password, and realm, as follows:

```
<config-property name="SearchUser" value="user_name"/>
<config-property name="SearchUserPassword" value="password"/>
<config-property name="SearchUserRealm" value="files"/>
```

You must provide a value for `password`. Do not specify an empty string.

Note the values you provided for `user_name` and `password`. You will need these values when you follow the instructions for configuring the Search Web Service user in "Configuring and Verifying the Search Web Service User".

6. Save the file.

7. To verify that `files` is the correct value for the realm, use a Web browser to access the Search Web Service URL:

```
http://files_host_name:port/files/SearchServer
```

For example:

```
http://myhost.mycompany.com:7777/files/SearchServer
```

If the Files Searchlet is configured correctly, the realm value displayed in the basic authentication dialog box should be `files`. Cancel the authentication dialog after verifying the realm.

8. Shut down and restart the OC4J instance using the shutdown and startup scripts located `unzipped_directory`/bin; for example, `OracleAS_PDK`/bin:

```
cd unzipped_directory/bin
./shutdown.sh
./startup.sh &
```

> **Note:** Due to a known issue in OracleAS PDK, it generates an error message when stopped. Disregard the error message and continue with the configuration process.

Registering the Files Searchlet in the OmniPortlet Framework

This section describes how to register the Files Searchlet in the OmniPortlet framework. In the following instructions, `oc4j_home` refers to `unzipped_directory`/j2ee/home; for example, `OracleAS_PDK`/j2ee /home.

To register the Files Searchlet:

1. Create a directory called `Files` under the following directory:

   oc4j_home/applications/portalTools/omniPortlet/WEB-INF/plugins
   /datasources

2. Navigate to the new folder.

3. Create a Datasource Descriptor file (`datasource.xml`) with the following content:

   > **Note:** If you cut and paste the text directly from this document, remove the extra carriage return and any extra spaces between `oracle.webdb.reformlet.data.search` and `.SearchDataSourceDefinition`. Otherwise, the Datasource Descriptor file will not work.

   ```
   <datasources>
   <datasource class="oracle.webdb.reformlet.api.plugin.DefaultDataSource">
   <name>Files</name>
   <displayName>Files</displayName>
   <icon>webpage.gif</icon>
   <metadata class="oracle.webdb.reformlet.data.search
   .SearchDataSourceDefinition">
   <name>Files</name>
   <displayName>Files</displayName>
   <contentDataSourceJndiName>eis/FilesSearchlet</contentDataSourceJndiName>
   </metadata>
   </datasource>
   </datasources>
   ```

4. Shut down and restart the OC4J instance using the shutdown and startup scripts located *unzipped_directory*/bin; for example, `OracleAS_PDK/bin`:

   ```
   cd unzipped_directory/bin
   ./shutdown.sh
   ./startup.sh &
   ```

Configuring and Verifying the Search Web Service User

The Search Web Service requires that a Search Web Service user be defined in OC4J. The Search Web Service user is used only to control access to the Search Web Service and is separate from other Oracle Files users.

The Files Searchlet needs to be configured with the Search Web Service user name and password in order to access the Search Web Service.

To configure the Search Web Service user:

1. Using a Web browser, access the Oracle Enterprise Manager Web site at `http://host_name:port`, where *host_name* is the name of the Oracle Files middle-tier computer. The port is typically 1810.

2. Enter the authentication information in the pop-up window. The user name is typically `ias_admin`.

3. Click the name of the application server instance where Oracle Files is running. The Oracle Application Server 10*g* (9.0.4) home page appears.

4. Click the name of the Oracle Files OC4J instance (**OC4J_iFS_files**).

5. Click the **files** link in the **Application** list.

6. Click the **Security** link in the **Security** section.

7. Click **Add User**.

8. Provide information for the Search Web Service user. Make sure to use the same user name and password you provided in the `oc4j-ra.xml` file in "Configuring the Files Searchlet".

9. Click **OK** on the Add User page.

10. In the Security Roles section, select the **SearchServerRole**.

11. Click **Map Role to Principals**.

12. In the Map Role to User section, select the new user you just added and click **Apply**.

13. Click **OK** on the Confirmation page.

14. Return to the Oracle Application Server 10*g* (9.0.4) home page.

15. Select **OC4J_iFS_files** and click **Restart**.

16. To make sure that the user was configured properly, access the Search Web Service URL using a Web browser:

```
http://files_host_name:port/files/SearchServer
```

For example:

```
http://myhost.mycompany.com:7777/files/SearchServer
```

17. In the login dialog, enter the Search Web Service user name and password.

If the Search Web Service user has been configured properly, the SearchServer responds with the following:

```
SearchServer Web Service
Sorry, I don't speak via HTTP GET - you have to use HTTP POST to talk to
me.
Servlet Path: /SearchServer
QueryString Info: null
```

Registering and Configuring the OmniPortlet

You must register and configure the OmniPortlet in OracleAS Portal. The registration steps may vary slightly, depending on which version of OracleAS Portal you are using.

> **Note:** The version of Portal that was shipped with Oracle Collaboration Suite Release 2 is known as Oracle9*i*AS Portal.

To register the OmniPortlet:

1. Using a Web browser, access OracleAS Portal at `http://host_name:port/pls/portal`, where `host_name` is the name of the middle-tier computer where OracleAS Portal resides.

2. Click **Login**. The Single Sign-On page appears.

3. Provide the credentials of an OracleAS Portal user with administrative permissions and click **Login**.

4. Click the **Builder** icon.

5. In the Providers portlet, click **Register a Portlet Provider**. The Registration Wizard appears.

By default, the Providers portlet should appear on this page. If it is not visible, choose **Customize**, then click the **Add Portlets** icon in order to add the portlet. The Providers portlet can be found under the **Administration Portlets** link.

In the Providers portlet, click **Register a Portlet Provider**. The Registration Wizard appears.

6. On the Register Provider page, enter the following values and click **Next**.

- **Name:** OmniPortlet

- **Display Name:** OmniPortlet Provider

- **Timeout:** 200 seconds

- **Timeout Message:** OmniPortlet provider timed out.

- **Implementation Style:** Web

7. On the Define Connection page, provide the following values and click **Next**.

- **URL:** `http://server_name:port/portalTools/omniPortlet/` `providers/omniPortlet`

  Where server_name is the name of the machine where OracleAS PDK is installed. The value for `port` is typically 8888.

- Select **The user has the same identity in the Web providers application as in the Single Sign-On identity**

- Under User/Session Information, select **User**

- For **Login Frequency**, select **Never**

- If no proxy is required to contact the Provider Adapter, select **No** for **Require Proxy**

  You can leave the other options blank.

8. On the Control Access page, add any users or groups to whom you want to give access.

This option may not appear, depending on which version of OracleAS Portal you are using. By default, only the user who registered the provider is authorized to see the provider and its portlets. After you register the portlet, navigate to the provider within the Portlet Repository to update provider privileges.

9. Click **Finish**.

After you have registered the OmniPortlet, you must configure it by choosing search criteria and deciding which fields to display.

To configure the OmniPortlet:

1. Create a page in OracleAS Portal. To do this, click **Create Page** from the OracleAS Portal home page and follow the Wizard instructions.

2. From your new page, click the **Add Portlet** icon and navigate to the OmniPortlet you registered. Then, select the portlet and click **OK**.

3. Click **Define**. The Type page appears.

4. Select **Files** and click **Next**.

5. On the Source page, click **Next**.

6. On the Filter page, provide search criteria for the OmniPortlet.

7. On the View page, click **Next**.

8. On the Layout page, enter the fields you want the OmniPortlet to return.

> **Note:** If you select **Size** as one of the columns, the search will only return documents. Folders will not be returned.

9. Click **Finish**.

Be aware of the following two issues when using the OmniPortlet:

■ If your OracleAS Portal instance uses a different Oracle Internet Directory than Oracle Files, you may experience authentication issues. To avoid these problems, ensure that the user information between the two Oracle Internet Directory instances is kept in sync.

■ When you click a folder link within the OmniPortlet, you may be asked to re-authenticate. This behavior does not appear if you click on a document link.

5.7 New Features in Oracle Voicemail & Fax

The following new features have been added to Oracle Voicemail & Fax:

■ "Oracle Voicemail & Fax Playback Controls"

■ "Additional Language Support"

Oracle Voicemail & Fax Playback Controls

The following default playback controls have been added to Oracle Voicemail & Fax, accessible using the telephone keypad while listening to voice mail messages:

■ **1**: Increase playback volume

■ **2**: Increase message playback speed

■ **3**: Skip ahead 5 seconds

■ **4**: Decrease playback volume

■ **5**: Decrease message playback speed

■ **6**: Jump back 5 seconds

■ **7**: Delete message

■ **8**: Pause playback

■ **9**: Skip to end of message

■ **0**: Resume playback

Additional Language Support

Support for the following languages has been added to Oracle Voicemail & Fax:

Czech
Hungarian
Romanian
Russian

5.8 New Features in Oracle Web Conferencing

The following new features for Oracle Web Conferencing are included in this release:

- "Web Conferencing Application"

- "Web Conferencing Console"

- "Oracle Web Conferencing System Services"

- "Oracle Web Conferencing Integration Services"

Web Conferencing Application

- Users can now manually download the Web console tool from the New User page. The console window does not require the user to have administrator rights to his system in order to run a conference.

- The Web conferencing system can handle numerous users simultaneously entering a conference; if the system receives more requests than it can handle, a message will let the user know how many seconds it will take before he enters the conference

- System administrators can now customize several features of the Web conferencing interface for their company or for particular Web conferencing sites within their company. Administrators can:

  - Change the introductory text on the Welcome page that appears as users log into Oracle Web Conferencing

  - Add to the Quick Links that appear on the Oracle Web Conferencing home page both before and after a user logs in

  - Add up to five custom fields to the Conference Details dialog that appears as users join a conference at a particular site

- System administrators can now control system- and site-level conference properties. Administrators can:

  - Set the available conference modes (Cobrowse, Desktop Sharing, Whiteboard, or Document Presentation)

  - Set the default conference mode

  - Set the ability to make a conference public

  - Require a conference to use SSL security levels (when SSL security has been set off by default)

  - Set the ability to use Chat or Shared Control within a conference

- New recordings showing how to use Web conferencing are available from the Quick Links area

- When a user chooses **Test** from the New User pages, the diagnostics now analyze complete system compatibility, the ability to install the Web conferencing console, and the connection to the Oracle Web Conferencing server

- Users can now delete or update details of conferences they have scheduled, using the new **Update** and **Delete** icons on the conference listing

Web Conferencing Console

- The flow of events as users start a conference has been enhanced to be more user-friendly, especially for new hosts. As a host enters a conference, a conference details page appears confirming conference details such as the conference ID and

any dial-in numbers. The console is now loaded with both of the upper toolbars and the tip text visible by default. The default mode is now set to desktop sharing, so a host automatically shares his desktop at the beginning of a conference.

- The host can invite an attendee to share content from his desktop. By default, the host has shared control of the attendee's desktop while the attendee presents content.

- Users running Netscape 4.75 and above may now join conferences and start instant conferences from the Oracle Web Conferencing main page. You must have Java enabled (from the **Edit** menu, select **Preferences**, then select **Advanced**) to join and start conferences with Netscape. You must use Internet Explorer 5.5, or above, to use the Cobrowse, Document Presentation, and Voice conference features, to host a scheduled conference, or to use other features from the Oracle Web Conferencing main page, such as the **Materials** and **Archives** tabs.

- When the host sets **View attendee list** off in Preferences, the alert windows that normally appear as attendees enter a conference are now suppressed

- System administrators can restrict the ability to record voice data during a conference at both system and site levels

Oracle Web Conferencing System Services

- Under the **System** tab, system administrators can now see a hierarchical view of all of the Oracle Web Conferencing components, and expand or collapse the details displayed about each component. For example, an administrator can display details about a particular Oracle Web Conferencing instance, such as what properties are set for it or what conferences are running on it. If any component is down, the hierarchical view is automatically expanded to display the faulty component. Each component's availability is shown with a status icon (for example, a green check appears when a component is available).

- From the **Reports** tab, the **Diagnostics** link on each Conference Detail page now shows events and error incidents. Administrators can view all events or only errors, and can view events and errors by attendee or by type of event (event description).

- The **Attendees** table under **Reports** now shows additional details for attendees that were previously available only in log files

- Host rating and conference status columns can now be used to sort reports under the **Reports** tab

- User information in the Oracle Internet Directory can be uploaded in bulk to the Oracle Web Conferencing system

- User information in the Oracle Web Conferencing system is automatically synchronized with Oracle Internet Directory

Oracle Web Conferencing Integration Services

- A new API lets you add **Live Help** links to any Web page, to start a Web conference for use in providing real-time help to customers for any application

- New APIs let you access detailed conference information and attendee lists so you can include this data in reports and Web pages

- New APIs let you display the lists of upcoming conferences and public conferences in any Web page

■ E-mail invitations for conferences scheduled through an integrated application will display the conference time in the conference host's preferred time zone

5.9 New Features in Oracle9*i*AS Wireless

Over the Air Device Provisioning (OTA)

OTA is a newly supported feature in this patch set. It can be enabled or disabled by editing the `system.properties` file. By default, the feature is disabled.

Enable OTA and configure the required carrier and device information, as follows:

1. Use a text editor to modify the `system.properties` file located in the `$ORACLE_HOME/wireless/server/classes/oracle/panama/core` `/admin` directory. Set the value of `useOTA` to `true`.

2. Modify the `carriers.xml` and `devices.xml` files located in the `$ORACLE_` `HOME/j2ee/OC4J_Portal/applications/marconi` `/marconi-web/WEB-INF` directory to configure the information for carriers and devices according to the examples contained in each `xml` file.

3. Modify the default values for the following settings in the `owi.properties` file:

```
bookmarks
MMSC
email
syncML
WAP
```

> **Note:** The `bookmarks` setting has two default values: **Google** and **Yahoo!**. For OTA provisioning, you must change both the `bookmarks` setting name and URL values to those for Oracle Collaboration Suite.
>
> If you want only one bookmark, you must comment out both the `bookmark.1.name` and `bookmark.1.URL` values (which are used for the Yahoo! bookmark).
>
> Online Help for the OTA feature is not included in this release; it will be included in the next release.

4. Restart the middle tier to apply the changes.

6

Bugs Fixed in This Release

This chapter lists bugs fixed by this patch set according to component.

This chapter includes the following topics:

- Section 6.1, "Oracle Collaboration Suite Bugs"
- Section 6.2, "Oracle Calendar Bugs"
- Section 6.3, "Oracle Email Bugs"
- Section 6.4, "Oracle Files Bugs"
- Section 6.5, "Oracle Ultra Search Bugs"
- Section 6.6, "Oracle Voicemail & Fax Bugs"
- Section 6.7, "Oracle Web Conferencing Bugs"
- Section 6.8, "Oracle9iAS Wireless Bugs"

6.1 Oracle Collaboration Suite Bugs

This section includes the following tables:

- Table 6–1, " Fixed Oracle Collaboration Suite Web Client Bugs"

Table 6–1   Fixed Oracle Collaboration Suite Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3088720	Oracle Collaboration Suite portal icons have hardcoded HTTP:// - fails in HTTPS/BIGIP CONFIGS	9.0.4.2.0
3104307	Oracle Calendar portlet name not translated into some languages	9.0.4.2.0
3287211	Web client portlet headings in english (HU)	9.0.4.2.0
3432768	Help page font is too small to view	9.0.4.2.0
2934482	Untranslated strings on home page	9.0.4.1.0
3028604	AP characters displayed in My Favorites portlet heading	9.0.4.1.0
3031330	Release Notes link missing from Welcome page	9.0.4.1.0
3036935	Broken Wireless in Web client help link	9.0.4.1.0

Table 6–1   (Cont.) Fixed Oracle Collaboration Suite Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3036950	Broken link for e-mail, voice mail, and fax under More Help	9.0.4.1.0
3040977	PAGE NOT FOUND error in Oracle Collaboration Suite R2 quick tutorial	9.0.4.1.0
3043149	Security exception thrown while getting user time zone	9.0.4.1.0
3074308	Web client installer fails in upgrade scenario	9.0.4.1.0
3097610	Could not register Calendar and Webconf component using HTTPS URL	9.0.4.1.0
3207674	Mixed language content displayed in the Web client page	9.0.4.1.0

6.2 Oracle Calendar Bugs

This section includes the following tables:

- Table 6–2, " Fixed Oracle Calendar Server Bugs"
- Table 6–3, " Fixed Oracle Calendar Administrator Bugs"
- Table 6–4, " Fixed Oracle Calendar Web Client Bugs"
- Table 6–5, " Fixed Oracle Sync Server Bugs"
- Table 6–6, " Fixed Oracle Calendar Web Services Bugs"
- Table 6–7, " Fixed Oracle Calendar SDK Bugs"
- Table 6–8, " Fixed Oracle Connector for Outlook Bugs"
- Table 6–9, " Fixed Oracle Calendar Desktop Client for Windows Bugs"
- Table 6–10, " Fixed Oracle Calendar Desktop Client for Macintosh Bugs"
- Table 6–11, " Fixed Oracle Calendar Desktop Client for Linux Bugs"
- Table 6–12, " Fixed Oracle Calendar Desktop Client for Solaris Bugs"
- Table 6–13, " Fixed Oracle Calendar Sync for Palm for Windows Bugs"
- Table 6–14, " Fixed Oracle Calendar Sync for Pocket PC Bugs"
- Table 6–15, " Fixed Oracle Calendar Globalization Bugs"

Table 6–2   Fixed Oracle Calendar Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2775180	The unicp utility was not properly handling Korean characters	9.0.4.2.0

Table 6–2   (Cont.) Fixed Oracle Calendar Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2917218	The SNC did not relocate field descriptors beyond 255 characters	9.0.4.2.0
2932817	Remote users were able to double-book resources when using the Oracle Connector for Outlook or Web clients	9.0.4.2.0
2935483	The "View/Reply" rights of a designate were not enforced by the server	9.0.4.2.0
2936962	The installation path for the Calendar server could not contain any directory names longer than 12 characters	9.0.4.2.0
2957174	Corruption of streams by the unirestore utility is now fixed	9.0.4.2.0
2960191	Importing recurring events with uniical would not work	9.0.4.2.0
2972944	Mail notifications for deleted Web conferences would get stuck in the message queue and never be sent	9.0.4.2.0
2973716	Users with sufficient administrative rights could not see Administrative groups on remote nodes	9.0.4.2.0
2977406, 2977402	The uniical and unigroup utilities were updated to handle scalability issues with regards to the handling of large agendas and large numbers of groups	9.0.4.2.0
2981176	An error was not returned when external attendees were invited to a recurring, Restricted Web conference via Oracle Connector for Outlook	9.0.4.2.0
2998730	The unistatus -cws command did not display Web conferencing statistics	9.0.4.2.0
3000788	Standalone only: It was not possible to successfully run the uniuser -add command if the frameworkenable parameter was set to FALSE	9.0.4.2.0
3011614, 3026549, 3047800, 3126178, 3246830	Excessive error logging has been cleaned up	9.0.4.2.0
3016455	Reserved characters sent to the directory server during search requests were not escaped	9.0.4.2.0
3018310	Occasionally, trying to stop the server would not work, and a message would be returned saying that unidbfix was running, even though it was not	9.0.4.2.0
3026377	Errors would result when trying to do unistop -cws when Web conferencing configuration was not properly set	9.0.4.2.0
3037528	The Calendar server would not run under a UNIX user or group with more than 8 characters in their user ID	9.0.4.2.0
3038979	The ENG becomes unstable after millions of connections to the same listener	9.0.4.2.0

Table 6–2   (Cont.) Fixed Oracle Calendar Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3039955, 3039939	Under heavy load conditions you could have experienced connection refused and database timeout errors	9.0.4.2.0
3048110	It was not possible to determine the time zone preferences of a remote user	9.0.4.2.0
3052252	The UNIX man pages for the Calendar server utilities have been updated	9.0.4.2.0
3052281	The unistrconv utility truncates some characters while converting	9.0.4.2.0
3053991	After upgrading, sticky notes that were created before the upgrade using Oracle Connector for Outlook could not be modified	9.0.4.2.0
3054392	If a user specified that e-mail reminders be sent to their alternate e-mail address but that address has not been set, the CWS attempted to generate e-mail with no recipients. Now e-mail reminders will be sent to the primary address if the alternate e-mail address is left blank.	9.0.4.2.0
3056419	Standalone only: Old password validation was not done when users changed their passwords via the desktop clients	9.0.4.2.0
3073806	Standalone only: Using Kerberos allowed user to have administrative rights without proper server configuration in unison.ini to allow this	9.0.4.2.0
3080056	If ownership of an event was transferred to another user on the local host, the change was not reflected on remote hosts	9.0.4.2.0
3089651	You could not use the Calendar Administrator to restart a calendar node that was stopped with the Calendar Administrator	9.0.4.2.0
3092406	Standalone only: Newly created groups in LDAP would not show up in searches for all public groups	9.0.4.2.0
3096324	The authentication of user logins through the Web Authentication plug-in has been updated to allow logins with longer multi-byte user IDs	9.0.4.2.0
3098929	After upgrading, the unidbconv utility would not attach the resource name to the end of the UID of the resource. This fix will not work, however, if the server has already been upgraded to release 9.0.4.1.	9.0.4.2.0
3104747	Deleting a replication request from the original node would fail to be processed	9.0.4.2.0
3111377	Solaris only: The unistatus -e command would return an exit code of 30 instead of 31 when Oracle Delegated Administration Services was stopped	9.0.4.2.0
3121854	Duplicating an event while logged in as an Event calendar designate caused unexpected behavior in the calendar server	9.0.4.2.0

Table 6–2   (Cont.) Fixed Oracle Calendar Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3130957	CWS no longer generates extra alert requests for recurring meetings created with Oracle Connector for Outlook	9.0.4.2.0
3136525	When users were added from a directory server their default language setting was not populated	9.0.4.2.0
3171835	The uniuser -ls command wouldn't display the value of the user's Enable attribute	9.0.4.2.0
3171954	The stats.log file could become corrupted if multiple clients disconnected simultaneously	9.0.4.2.0
3178955	CAL_MNClusterXItemIdGetForUserId would return UNIAPI_NOTSUPPORTED_ERR	9.0.4.2.0
3178955	AUT_GSSAPI did not export AUT_EXCHANGEINFO, which is required for CAL_WHEREAMI	9.0.4.2.0
3228288	Standalone only: SSL libraries were not shipped	9.0.4.2.0
3240773	Linux only: Temporary server files were being removed by the operating system while they were still needed	9.0.4.2.0
3243718	The maximum number of sessions limit was not enforced	9.0.4.2.0
3249707	Read/write permissions for message queues were set for everybody not just the instance owner	9.0.4.2.0
3265402	Web Conferencing configuration information was not transferred to the new unison.ini file when upgrading from release 9.0.4. **Note**: This bug is fixed for scenarios where you are upgrading from Release 9.0.3.0.0 to Release 9.0.4.1.0 + Patch Set 1. It is not fixed if you have already upgraded to Release 9.0.4.1.0 and are only applying the patch.	9.0.4.2.0
3306945	If an Oracle Connector for Outlook user changed the details of a recurring meeting, the changes were not reflected on remote nodes	9.0.4.2.0
3309494	A user could not create a web conference if the Details field for the web conference was at its maximum	9.0.4.2.0
3312555	Linux only: If the uniengd service was not present in \etc\services an incorrect port number for the default service was found, thereby causing connection problems for the client applications	9.0.4.2.0
3312662	Oracle Connector for Outlook users invited to one instance of a recurring meeting could not see any attachments for the meeting	9.0.4.2.0
3316115	The unistats utility was generating incorrect NET % values	9.0.4.2.0
3371914	When duplicating a meeting that was a Web conference the details were not copied in the desktop clients	9.0.4.2.0

Table 6–2   (Cont.) Fixed Oracle Calendar Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3378018	A user toggling a meeting between Web conference and normal while waiting for a web conference ID, no longer creates extra meeting requests	9.0.4.2.0
3378592	A search for yourself as an attendee in your own agenda would not find any entries	9.0.4.2.0
3380588	The client session would halt if a user changed their wireless preferences while they have unprocessed SMS requests in the queue	9.0.4.2.0
3385193	Event calendar replication issues were solved	9.0.4.2.0
3385227	Modifying or deleting a meeting during an online backup would halt the server	9.0.4.2.0
3385237	Resources no longer indicate conflicts to users who have "View none" rights	9.0.4.2.0
3388804	The Description field of resources was not replicated across nodes	9.0.4.2.0
3391251	The Oracle Universal Installer automatically did not start and stop Calendar services as necessary	9.0.4.2.0
3395305	If an attendee was removed from the series of a recurring meeting it wasn't replicated to remote nodes	9.0.4.2.0
3425434	Could not login as Event Calendar or as Resource after upgrading	9.0.4.2.0
3431141, 3433469, 3433967, 3443395, 3443446, 3443463	For security reasons the Calendar server restricts which data the client applications can access	9.0.4.2.0
3452722	Could not create meetings on a server with a hostname that is longer than 28 characters	9.0.4.2.0
3520530	Converting your database with the unil2bendian and unib2lendian utilities left your attachments inaccessible	9.0.4.2.0
N/A	You could not transfer an agenda to another user with the Calendar Administrator	9.0.4.1.0

Table 6–3   Fixed Oracle Calendar Administrator Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3016058	Installing the Oracle Calendar server in multi-byte languages, corrupted the category.ini and categorytype.ini files	9.0.4.2.0

Table 6–3 (Cont.) Fixed Oracle Calendar Administrator Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2992529	Attempting to transfer specific types of calendar events (public, private, confidential, normal) or events during a specific time range resulted in the whole Agenda being transferred	9.0.4.2.0
3013739	After making modifications to the user.ini file with the Calendar Administrator, designate and security settings were not properly applied to new users	9.0.4.2.0
3014333	An improper error message was displayed when removing users or resources from a group	9.0.4.2.0
3014376	Attempting to modify a resource did not work if the Admin user was on a remote node	9.0.4.2.0
3017641	Navigation links from second level selection pages did not work	9.0.4.2.0
3024235	Non-SYSOP users with the right to grant administrative rights to other users could not do so using the Calendar Administrator	9.0.4.2.0
3040430	Linux only: Attempting to modify an Admin user when logged in to a remote node did not work	9.0.4.2.0
3050286	Clicking Back in the confirmation page to reset transfer calendar data information resulted in an error	9.0.4.2.0
3051869	The number of logged on users was not correctly displayed in the Node Properties	9.0.4.2.0
3069867	Setting EMAIL-REMINDERDELIVERYRULE through the Calendar Administrator did not work properly	9.0.4.2.0
3075176	Admin users with rights to edit default profiles could not edit default profiles	9.0.4.2.0
3091902	Clicking Go in the Confirmation page when revoking access rights of a resource resulted in a "Page not found" error	9.0.4.2.0
3098224	User IDs containing special or accented characters could not be processed	9.0.4.2.0
3180481	Meetings with a very large number of attendees and instances could in certain cases not be replicated across all nodes	9.0.4.2.0
3249091	The Return to Portal URL was truncated in SSL mode and therefore failed	9.0.4.2.0
3287246	The session inactivity timeout was not properly enforced	9.0.4.2.0
3308654	When using encryption the SYSOP password was limited to five characters	9.0.4.2.0
3354235	Creating an untitled holiday resulted in a Javascript error	9.0.4.2.0
3492615	If a new attendee was added to a pre-existing recurring event the attendee's meeting request would have the time stamp of the original recurring event	9.0.4.2.0

Table 6–3   (Cont.) Fixed Oracle Calendar Administrator Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3492660	When wireless alerts were on hold indefinitely, the alert requests would pile up	9.0.4.2.0
2889142	You could not modify resource working hours using the Calendar Administrator	9.0.4.1.0
2892695	You could not start and stop a server/node with the remote client	9.0.4.1.0
N/A	You could not manage holidays from the Calendar Administrator	9.0.4.1.0
N/A	You could not create an event calendar using the Calendar Administrator	9.0.4.1.0

Table 6–4   Fixed Oracle Calendar Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2980094	When a user would try to set a reminder lead time greater than the server's maximum allowed value, the lead time was automatically reset to the server's maximum value without warning	9.0.4.2.0
2983094	When viewing someone's agenda with full viewing rights and attempting to open an attachment to a meeting, a security violation error message would appear	9.0.4.2.0
2996941	Inviting an LDAP group to a meeting on a standalone installation no longer causes an error	9.0.4.2.0
3012229	A remote user added to a group can now see that group when doing a group search	9.0.4.2.0
3018089	Working with long user names and organizational units no longer causes errors	9.0.4.2.0
3063310	Repeating event entries are no longer cut off or excluded from e-mail notifications	9.0.4.2.0
3069219	Users can now be added to the Group View (Scheduler)	9.0.4.2.0
3088332	When a user logs onto the Calendar portlet, the time zone specified for the user in OID is now used. This may be changed via Email preferences. Previously, the time zone used was that of the server running the portlet. Users should make sure that their portlet time zone preference matches their Calendar time zone preference. See Section 1.4, "Oracle Calendar Application System Preinstallation Requirements" on page 1-4 and Section 3.2, "Oracle Calendar Application System Postinstallation Tasks" on page 3-2 for configuration information.	9.0.4.2.0

Table 6–4 (Cont.) Fixed Oracle Calendar Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3093116	Distribution Lists can now be added to meetings	9.0.4.2.0
3093968	Extra semi-colons are no longer displayed in messages in the Calendar portlet	9.0.4.2.0
3138387	In Solaris, the attachment icon is now properly displayed when an attachment is added to a meeting	9.0.4.2.0
3138441	The Favorites list can now include more than 15 agendas, provided this is configured in ocwc.conf and unison.ini. See Section 3.2.4, "Increasing the Size of the Favorites List in the Oracle Calendar Web Client" on page 3-5 for configuration instructions.	9.0.4.2.0
3138471	You can now add users to a new group or edit an existing group	9.0.4.2.0
3140360	When working as a resource designate, if you add the resource to a meeting scheduled outside the daily time range, the resource will be properly displayed as requiring approval	9.0.4.2.0
3142371	Selecting a facility while working as a remote designate now works properly	9.0.4.2.0
3142376	The attachment settings in the ocwc.conf file would override those in the unison.ini file. This meant that Web client users could sometimes upload/download attachments even if unison.ini was not configured to allow this.	9.0.4.2.0
3144996	When a user declines a meeting and sets his or her status to BUSY, the scheduler now properly reflects this status	9.0.4.2.0
3197065	In standalone installations, users who enter incorrect login credentials are now redirected to the login failure URL set in ocwc.conf	9.0.4.2.0
3227262	E-mail notification for meetings is no longer delayed	9.0.4.2.0
3231039	In the Resource Approval page, if you opened the Email Agenda page and clicked Cancel, you would be returned to the regular agenda page rather than the Resource Approval page	9.0.4.2.0
3278006	After clicking Upload, it was not clear if the upload was taking place, even though it was. The mouse pointer now changes to an "hourglass" (or equivalent).	9.0.4.2.0
3286063	Unsupported browsers such as Netscape 4 and Internet Explorer 3 are now redirected to a warning page when trying to access the Web client	9.0.4.2.0
3358892	If an event had the maximum amount of details and a user tried to remove the details and update the event, the details would not be deleted	9.0.4.2.0
3378014	E-mail invitations to Web conferences contained incorrect URLs and conference keys	9.0.4.2.0

Table 6–4   (Cont.) Fixed Oracle Calendar Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3417095	The Scheduler (Group View) would sometimes reverse users' agendas; for example, user1 would be shown as having user2's schedule, and vice versa	9.0.4.2.0
3418857	In the online Help, the correct context-sensitive topic now opens when viewing entries in your agenda or another user's agenda	9.0.4.2.0
3425707	Searching on an empty string in the Access Rights page would give an administrator error message	9.0.4.2.0
3425781	A resource leak issue was causing authentication problems, occasionally resulting in missing information in events	9.0.4.2.0
3436596	The start time of meetings scheduled for the afternoon of April 4, 2004, would be off by one hour	9.0.4.2.0
3446435	Reminders can now be set for meetings with multiple instances	9.0.4.2.0
3470239	Comments in ocwc.conf falsely stated that setting snn_timeout to 0 means that cookies will never time out. In truth, due to security requirements, cookies must always time out and will do so after 15 minutes even if snn_timeout is set to 0. The comments in new versions of ocwc.conf reflect this, however existing versions that have been customized are not overwritten in upgrades.	9.0.4.2.0
2844834, 2894371	Entering a number followed by a space in a text box where a numerical value is required (such as the "repeat for" text box) could cause an error. An error could also occur when creating a new group and entering the new name with an extra space — the group would not be created.	9.0.4.1.0
2852128, 2859436, 2901674, 2906654	Adding a group to an entry could cause an error if you were acting as a designate, picking a group from a search results list, or adding an LDAP group or group you didn't create	9.0.4.1.0
2892157	When a remote user was invited to a meeting, the meeting owner's status was not correctly displayed to the remote user. The owner's status would be shown as "will confirm later" instead of "will attend". This was a server issue.	9.0.4.1.0
2899249	Two or more users with the same name could not sign on, even if they had different passwords	9.0.4.1.0
2906858	Resource conflicts were not properly checked when resource designates issued approval, unless resource approval was set up after the Calendar server was installed	9.0.4.1.0
2907123	"Show time as" functionality was described in the online Help even though it was not implemented in the release	9.0.4.1.0
2907159	The Scheduler page had changes made that were not reflected in the online Help	9.0.4.1.0

Table 6–4   (Cont.) Fixed Oracle Calendar Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2907433	When editing or deleting events, e-mail notification was not sent, even if it was set to do so in preferences	9.0.4.1.0
2907487	After clicking a resource approval link and signing in, a resource designate would be directed to the default Calendar page instead of the resource approval page	9.0.4.1.0
2975055	In Entry Default preferences, the wireless reminder option was available even when wireless preferences were disabled	9.0.4.1.0
2978497	The "Show time as" drop-down menu appeared to be available when it should not have been	9.0.4.1.0
2978866	In Netscape or Mozilla, when an incorrect action was performed, an error message would appear instead of an information message explaining the problem	9.0.4.1.0

2982922	Following requests from users, an undocumented redirect parameter for the Web client was published. To redirect the Web client, add the following statement to ocal.conf:
	
	`<Location /calendar>`
	`Redirect permanent /calendar \`
	`http://`*`host`*`:`*`port`*`/ocas-bin/ocas.fcgi?sub=web`
	`</Location>`
		9.0.4.1.0

N/A	Line breaks were not shown in the Details section of Meeting entries	9.0.4.1.0
N/A	When the first instance date of a Repeating entry did not match the default date on the General page, the default date would not be updated to reflect the Repeating date	9.0.4.1.0
N/A	The Calendar Portlet page would return the message, "This service is currently unavailable, please try later," when a user had Daily Notes or Day Events scheduled for the current day and had set the calendar display preferences to not display declined meetings	9.0.4.1.0
N/A	Internet Explorer 5.x Macintosh only: If the default start and/or end time in the Group View was changed and then a search for a group was performed, a "No Response from Application Web Server" page appeared	9.0.4.1.0
N/A	Netscape 7.x only: Margins of one inch had to be set in order for the Printer-friendly format feature to work correctly	9.0.4.1.0
N/A	The hour set in the "From" and "To" times in the Deliver reminders and notifications field in the Wireless section of the Edit Preferences page had to be greater than or equal to one. For example, using 0hr 00 min. would result in an error. This was only an issue when the 24-hour display format is used.	9.0.4.1.0

Table 6–4 (Cont.) Fixed Oracle Calendar Web Client Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
N/A	Edit Access Rights Page: If the g: or r: prefixes were used when performing a search from the Edit Access Rights page, misleading error messages would appear	9.0.4.1.0
N/A	When 12:00 p.m. was selected from the drop-down box on the Suggest Time page, 12:00 a.m. was set in the General section of the Entry Modification/Creation pages. This was only an issue when using the 12-hour time format for the Web client.	9.0.4.1.0
N/A	Internet Explorer 5.1 Macintosh only: When clicking Suggest Time from the Create/Modify Meeting page, the Suggest Time dialog box would open behind the main page	9.0.4.1.0
N/A	When setting values for the Print section of the Preferences page, using a value greater than 3 for the Margin setting would cause the Web client to freeze	9.0.4.1.0
N/A	Creating New Groups: You could only add an existing Group to a new Group by either entering a specific group name in the Search field and clicking Find, or by selecting the Groups radio button and clicking Find	9.0.4.1.0
N/A	You could not upload attachments with titles longer than 41 characters	9.0.4.1.0
N/A	Suggest Time Feature: Entering 24 in the Time between fields of the Suggest Date & Time page resulted in an Internal Server error. This only occurred when using the 24-hour time format.	9.0.4.1.0
N/A	Whenever the Oracle Calendar server was restarted, the middle tier Oracle HTTP Server had to be restarted as well	9.0.4.1.0
N/A	Internet Explorer 5.x Macintosh only : If the default start and/or end time in the Group View was changed and then a search for a group was performed, a "No Response from Application Web Server" page would appear	9.0.4.1.0
N/A	Solaris only: The Return to Portal link at the bottom of the Web client pages would not function properly	9.0.4.1.0

Table 6–5 Fixed Oracle Sync Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3119996	Meetings scheduled with the Sony Ericsson P800 mobile device no longer only appear as Tentative	9.0.4.2.0
3237969	When synchronizing a SyncML-compliant device, an error could result if a resource did not have an e-mail address	9.0.4.2.0

Table 6–5   (Cont.) Fixed Oracle Sync Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3238411	Oracle Sync Server no longer experiences an application failure when a client tries to synchronize using an invalid database name	9.0.4.2.0
3375907	On Nokia devices, when synchronizing day events that have same-day reminders, the reminders are now synchronized to the server	9.0.4.2.0
3449471	If agendas contained recurring meetings with many attendees, synchronization performance could be drastically reduced	9.0.4.2.0
3461817	When a device's SyncML information exceeded 4KB, a denial of service could occur on the server	9.0.4.2.0
3463332	ochecklet.fcgi was not cleaning up session files whose time stamps were older than the configured sessiontimeout period	9.0.4.2.0
3483158	If a SyncML message's reported length was shorter than the actual message and ended on a white space, the server could become stuck in an infinite loop, resulting in a denial of service	9.0.4.2.0
2844930	Modifying contact information using the phone device resulted in truncated fields on the Oracle Calendar desktop clients because the maximum character length allowed varied depending on the phone device's limitations	9.0.4.1.0

Table 6–6   Fixed Oracle Calendar Web Services Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3045497	In Web Services, the SOAP event query by range uses the conditionals "<=" and ">=", however the source code would filter the results set without including the current datatime setting in UTC. This bug was fixed by changing the event filter to include the timestamps passed in through the vQuery.	9.0.4.2.0

Table 6–7   Fixed Oracle Calendar SDK Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2889348	Connection pool error codes were incorrectly mapped to the CAPIStatus value CAPI_STAT_LIBRARY_INTERNAL_COSMICRAY	9.0.4.2.0

Table 6–7   (Cont.) Fixed Oracle Calendar SDK Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2898775	If a server connection was lost (for example, if the calendar service was stopped while a client was connected), the dead connection would not be released from the connection pool, causing subsequent calls to fail	9.0.4.2.0
3225312	Fixed a cache problem that could cause occasional CAPI_STAT_API_HANDLE_BAD errors	9.0.4.2.0
3241078, 3397570	Fixed problems creating recurring events with floating times	9.0.4.2.0
3271325, 3283700	There were missing flags in the Java API that were present in the C API	9.0.4.2.0
3283776, 3375712	There was a memory leak when fetching events	9.0.4.2.0
3397590	When fetching a recurring event using a moved instance, the original time of the moved instance still appeared as an instance	9.0.4.2.0
2898775	If a server connection was lost, the dead connection was not released from the connection pool and caused subsequent calls to fail	9.0.4.1.0
2989379	The "blocking" behavior of the connection pool was disabled. Attempts to open a new server connection when the maximum number of connections (as set by max_users) has been reached did return an error instead of waiting until a connection became available.	9.0.4.1.0

Table 6–8   Fixed Oracle Connector for Outlook Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3102790	No error message was displayed when a user failed to add attachments to meetings, tasks and journals because they were larger than the maximum allowed by the server	9.0.4.2.0
3186001	Modifying synchronization preferences while creating an ActiveSync partnership would cause the ActiveSync wizard to fail	9.0.4.2.0
3214145	In certain scenarios, importing Contacts from a .pst file created empty distribution lists	9.0.4.2.0
3255806	Localized versions of Windows 98 only: Some text (double-byte characters only) was not rendered properly when viewing attendee availability	9.0.4.2.0
3302846	Long subject lines with multi-byte characters caused an application failure	9.0.4.2.0

Table 6–8   (Cont.) Fixed Oracle Connector for Outlook Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3315215	Word files attached to tasks could not be opened	9.0.4.2.0
3324474	Names that included commas or extended characters (such as accents) were separated incorrectly and could not be resolved	9.0.4.2.0
3407479	Each time a Contact that included a phone number with spaces was modified and saved, extra blank spaces were added between the numbers	9.0.4.2.0
3412949	The owner of a meeting would not receive any e-mail notifications if a meeting was created or modified by a designate	9.0.4.2.0
3438220	Notes created before upgrading to version 9.0.4.1.12 were not displayed	9.0.4.2.0
3442714	Inbox was not refreshed if the machine was left idle and the refresh folder count option was enabled	9.0.4.2.0
3457251	Outlook 2002/2003 only: Outbox folder count was not auto-refreshing on the Outlook Today page	9.0.4.2.0
3457465	Users on Courier IMAP4 experienced unexpected behavior of the Sent Items folder	9.0.4.2.0
3460240	Contacts created on the Pocket PC device that included details would not synchronize	9.0.4.2.0
3464604	Notes that included special characters in their titles would not be synchronized with Pocket PC devices	9.0.4.2.0
3464642	Sent messages would get stuck in the Outbox if a user didn't have the appropriate write permissions for the installation directory	9.0.4.2.0
3465559	Copied and new messages were not automatically synchronized with Pocket PC devices	9.0.4.2.0
3465822	Contacts created on the Pocket PC device that did not not include an e-mail address would not synchronize	9.0.4.2.0
3000746	Oracle Web conferences were displayed as NetMeetings	9.0.4.1.12
3005507	Unexpected behavior when creating, modifying and replying to Oracle Web conferences has been resolved	9.0.4.1.12
3214458	E-mail responses from the iPlanet Web client did not display properly	9.0.4.1.12
3294675	If an attempt to send a message failed due to the SMTP server connection timing out, another connection was not made and the message remained in the Outbox	9.0.4.1.12
3321772	Issues with Tasks not being displayed in the Outlook Today view have been resolved	9.0.4.1.12
3324619	Outlook 2000/2002: Inconsistent behavior when displaying Task due dates have been resolved	9.0.4.1.12
3355309	Context menus were doubled in localized versions of Oracle Connector for Outlook	9.0.4.1.12

Table 6–8   (Cont.) Fixed Oracle Connector for Outlook Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3356196	Katakana characters did not display properly	9.0.4.1.12
3375115	Messages were duplicated in the Sent Items folder	9.0.4.1.12
3378670	Issues with blank messages being displayed on Pocket PCs have been resolved	9.0.4.1.12
2996339	Attempting to grant delegate permissions to LDAP users or resources resulted in unexpected behavior or error messages	9.0.4.1.11
2996466	Granting delegate permissions to calendar users resulted in unexpected behavior or incorrect error messages	9.0.4.1.11
3011965	Changes to a draft were not saved if the body of the message was not modified	9.0.4.1.11
3069877	The Percentage progress bar in the Mail Server Quota window did not accurately reflect quota usage	9.0.4.1.11
3081474	The Select Attendees and Resources dialog box did not accept multi-byte characters	9.0.4.1.11
3094679	Issues with refreshing Public Folders have been resolved	9.0.4.1.11
3104734	Folders with names containing a backslash (\) does not result in unexpected behavior	9.0.4.1.11
3108943	The View > Message Source menu option was not available for encrypted messages	9.0.4.1.11
3109734	Sent messages were not copied in the Sent Items folder if the focus was on the Sent Items folder	9.0.4.1.11
3111508	When sending a message using Outlook 2000 on behalf of another user, the message was saved in the Outbox	9.0.4.1.11
3120176	If the IMAP or calendar server becomes unavailable while Oracle Connector for Outlook is running, the Auto-Refresh feature will reconnect to the server once it is available and retrieve new messages	9.0.4.1.11
3130675	In certain scenarios, message attachments could not be accessed. This issue has been resolved	9.0.4.1.11
3138747	A blank line was inserted at the end of a text file (*.txt) sent as an attachment	9.0.4.1.11
3142311, 3113210	Focus issues when switching from offline to online mode in Outlook XP have been resolved	9.0.4.1.11
3142564	Name display formats in the Address Book were not based on server-side settings	9.0.4.1.11
3149587	Issues related to not being able to expand Distribution Lists when creating a meeting have been resolved	9.0.4.1.11
3154416	Missing localized files are shipped in this release	9.0.4.1.11
3154500	Administrators can enforce a specific display format using the enforce-name-format parameter in the [OUTLOOK_CONNECTOR] section of usison.ini	9.0.4.1.11

Table 6–8 (Cont.) Fixed Oracle Connector for Outlook Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3304534	Issues with messages staying in the Outbox have been resolved	9.0.4.1.11
3142287	Sending a message to an e-mail address containing non-English characters did not generate a non-delivery report	9.0.4.1.7
3270360	In certain scenarios, random files were unintentionally attached to e-mail messages	9.0.4.1.6
3250427	Temporary files created under certain conditions are cleaned up and released without having to close the application and therefore, do not cause any system resource allocation failures	9.0.4.1.5
3126225	E-mail messages that included nested parts were not rendered properly and caused unexpected behavior, such as blocking new messages from being seen in the Inbox	9.0.4.1.3
3171827	Opening messages that included embedded messages with very large attachments created unexpected behavior	9.0.4.1.2
3136329	The profile name part of the offline storage path contained a number sign (#)	9.0.4.1.1
3134657	In Outlook 2000, IMAP4/SMTP passwords were not saved in user profiles	9.0.4.1.1
2662010	Client-side rules to move all e-mail to personal folders resulted in another, empty e-mail	9.0.4.1.0
2666117	Recurring Meetings or Show Free/Busy information could not be displayed correctly if user did not have full administration privileges	9.0.4.1.0
2692841	Upgrading Oracle Connector for Outlook or purging the off-line folders resulted in PST files getting deleted	9.0.4.1.0
2892157	When a remote user was invited to meeting, the meeting owner's status was not correctly displayed to the remote user. The owner's status would be shown as "will confirm later" instead of "will attend". This was a server issue.	9.0.4.1.0
2943564	If you created a group using the Group Scheduling feature, the group would not be saved after you exited Oracle Connector for Outlook	9.0.4.1.0
2985603	Italian only: There were two "Client Rules" menu items on the "Tools" menu	9.0.4.1.0
3028635	Could not create/send e-mail messages to a distribution list embedded within another distribution list	9.0.4.1.0
3035337	Canceling a move of multiple messages from the Oracle Connector for Outlook to a target PST folder deleted the source messages	9.0.4.1.0

Table 6–8   (Cont.) Fixed Oracle Connector for Outlook Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3040699	E-mails received from Oracle Email 9.0.3 Auto-Reply had missing text	9.0.4.1.0
3057009	You could not access the second voice mail from a forwarded message that also included a voice mail from the person forwarding the message	9.0.4.1.0
3063227	Synchronization with Chapura's PocketMirror did not work	9.0.4.1.0
3100989	Work Offline/Work Online feature did not refresh the message in the Preview Pane	9.0.4.1.0
3101153	Specifying X400 name for a Calendar account name instead of a UserID against a 9.0.4 masternode Calendar server resulted in bad behavior	9.0.4.1.0
3101189	The "Work Offline" toolbar button did not work	9.0.4.1.0
3117210	Ability to synchronize off-line folders without first visiting them	9.0.4.1.0
3117236	Moving an e-mail from Oracle Connector for Outlook to a target PST folder did not delete the source message	9.0.4.1.0
3117299	Meetings created with attachments (Word, Excel) using an Oracle Calendar desktop client did not show the attachments when the same meeting was viewed from Microsoft Outlook XP. The attachments could be seen properly on Microsoft Outlook 2000.	9.0.4.1.0
3117313	Reading an incoming e-mail while it was being moved to another folder by an Inbox rule could result in the message being duplicated in the destination folder	9.0.4.1.0
3117325	If an open message was moved immediately after replying, a copy of that message would remain in its original location	9.0.4.1.0
3117338	Outlook 2000 on Windows 98 only: When working in another user's Calendar folder, you could not create a new meeting by simply highlighting a time and typing directly in the cells	9.0.4.1.0
3117709	The time displayed in the Reminder pop-up window on Outlook XP displayed the reminder time instead of the meeting's start time	9.0.4.1.0
N/A	Long delays were experienced at the end of the Oracle Connector for Outlook installation	9.0.4.1.0
N/A	Ability to synchronize Notes and Ink Notes with Pocket PC devices	9.0.4.1.0
N/A	Users with rights to manage Holidays could inadvertently delete Holidays for everyone through Outlook	9.0.4.1.0

Table 6–9   Fixed Oracle Calendar Desktop Client for Windows Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2836621	Importing a Lotus Organizer .vcs file does not result in unexpected behavior	9.0.4.2.0
2859218	Importing vCard files from the Palm Desktop does not result in unexpected behavior	9.0.4.2.0
2859449	Exporting calendar entries as iCal files does not result in unexpected behavior	9.0.4.2.0
2859449, 2836621	Importing iCalendar and .vcs files from external calendar applications does not result in unexpected behavior	9.0.4.2.0
3099254	Entry notification settings selected when working offline are saved	9.0.4.2.0
3160296	Logging in with a name containing three strings in the last name and searching for users with three strings in their last name is supported	9.0.4.2.0
3211332	Launching Outlook 2002 from File > Launch Mail application works properly	9.0.4.2.0
3270819	Tasks with start and due dates display correctly	9.0.4.2.0
3289131	If an alias is being used by the Connection Manager and that alias is changed to point to another host, the desktop client will automatically detect the new host	9.0.4.2.0
3360406	If the Address Book functionality is disabled and a user attempts a download to existing offline files, the application will try to log in to the offline files with the user's online password	9.0.4.2.0
2836683	When attempting to print your Agenda while having a Designate Agenda open, the system occasionally printed the Designate Agenda rather than your own	9.0.4.1.0
2859640	When attempting to print your Agenda with the time range set to span 24 hours, the application reverted to the default time range (08:00 - 17:00) instead	9.0.4.1.0
2892563	When a remote user was invited to a meeting, the meeting owner's status was not correctly displayed to the remote user. The owner's status would be shown as "Will confirm later" instead of "Will attend". This was a server issue.	9.0.4.1.0
2896226	When there were new entries in the offline Agenda, selecting Download to Local File did not properly reconcile the Agendas	9.0.4.1.0
2912923	Downloading your Agenda to a file after changing your password caused errors	9.0.4.1.0

Table 6–10   Fixed Oracle Calendar Desktop Client for Macintosh Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2884186	The Apply to all feature for the Reply status of repeating entries works correctly	9.0.4.2.0
2884186	Exporting calendar entries as iCal files does not result in unexpected behavior	9.0.4.2.0
3289140	If an alias is being used by the Connection Manager and that alias is changed to point to another host, the desktop client will automatically detect the new host	9.0.4.2.0
3291661	Tasks with start and due dates display correctly	9.0.4.2.0
3319231	Selecting I will not attend by pressing CTRL and clicking an entry does not result in an error	9.0.4.2.0
3322343	Importing entries without a start or end time as vCal files does not result in an error	9.0.4.2.0
3378630	Importing vCard 2.1 files without the Name property does not result in an error	9.0.4.2.0
3427210	When creating a new calendar entry, "Untitled", which is the default event title, is highlighted	9.0.4.2.0
3427289	Dragging and dropping multiple calendar entries is supported	9.0.4.2.0
2832478	Changes to your Address Book's user-defined fields were not saved	9.0.4.1.0
2840028	When creating a repeating meeting whereby one instance had a duration long enough to create a conflict with another instance on the following day, the following message was displayed: "Two or more instances have the same date and time"	9.0.4.1.0
2847602	Clicking OK in the Oracle Calendar Preferences dialog box and then choosing View > Set Filter could cause the application to terminate unexpectedly	9.0.4.1.0
2872041	Attempting to create a repeating meeting that exceeded the maximum number of instances allowed caused the following unexpected error: Module: <CST_Event_Editor.cpp>, Label: 390, Service error: 0x1812b	9.0.4.1.0
2877037	Attempting to display the Print Preview for an Agenda page that contained a meeting spanning more than 24 hours could cause the application to terminate unexpectedly	9.0.4.1.0
2879881	Clicking the Open All Folders button from a recently retrieved published Address Book opened the Save dialog box	9.0.4.1.0
2879881	Creating an Address Book while working offline (standalone mode only) caused errors to occur the next time you signed in	9.0.4.1.0
2880321	Meetings created by Event Calendars that included attendees resulted in unexpected errors	9.0.4.1.0

Table 6–10   (Cont.) Fixed Oracle Calendar Desktop Client for Macintosh Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2891594	Making changes to notification preferences produced a blank dialog box	9.0.4.1.0
2892567	When a remote user was invited to a meeting, the meeting owner's status was not correctly displayed to the remote user. The owner's status would be shown as "Will confirm later" instead of "Will attend". This was a server issue.	9.0.4.1.0
2893809	In cases where there was no wireless support (such is the case for MDCC), wireless reminder check boxes were displayed in the Reminder tabs and the Entry Default preferences tab even though they should not have been	9.0.4.1.0
2903625	A password that was changed while working offline to a password not allowed by the server could cause the application to unexpectedly terminate when attempting to reconcile the online and offline passwords	9.0.4.1.0
2919085	If you opened another user's Agenda as a designate and then did a refresh, you would get an error message	9.0.4.1.0
2919825	If you expanded a repeating entry, selected all the instances and tried to change the reply status, the program terminated unexpectedly	9.0.4.1.0
2929937	You could not create a weekly meeting on a Saturday or Sunday	9.0.4.1.0

Table 6–11   Fixed Oracle Calendar Desktop Client for Linux Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2836729	Changes made to Address Book folder preferences are saved properly	9.0.4.2.0
2944411	Exporting calendar entries as iCal files does not result in unexpected behavior	9.0.4.2.0
3117497	When selecting Download Only from the Reconcile, Cancel, Download Only dialog box, any changes made to the offline Agenda will be erased. A message informing of you this is displayed.	9.0.4.2.0
3289145	If an alias is being used by the Connection Manager and that alias is changed to point to another host, the desktop client will automatically detect the new host	9.0.4.2.0
3291664	Tasks with start and due dates display correctly	9.0.4.2.0
3378645	Importing vCard 2.1 files without the Name property does not result in an error	9.0.4.2.0

Table 6–11   (Cont.) Fixed Oracle Calendar Desktop Client for Linux Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
N/A	Installation problems on newer Linux releases (RedHat Advance Server 3.0, Mandrake 9.2) have been resolved	9.0.4.2.0
2847208	Attempting to create a group containing a user that was an Event Calendar caused the following unexpected error: Module: <CST_ ManagerGroupsEditorDlog.cpp>, Label: 135, Service error: 0x13209	9.0.4.1.0
2880299	Meetings created by Event Calendars that included attendees caused unexpected errors	9.0.4.1.0
2892573	When a remote user was invited to a meeting, the meeting owner's status was not correctly displayed to the remote user. The owner's status would be shown as "Will confirm later" instead of "Will attend". This was a server issue.	9.0.4.1.0
2892573	A password that was changed while working offline to a password not allowed by the server could cause the application to unexpectedly terminate when attempting to reconcile the online and offline passwords	9.0.4.1.0

Table 6–12   Fixed Oracle Calendar Desktop Client for Solaris Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2836729	Changes made to Address Book folder preferences are saved properly	9.0.4.2.0
2944411	Exporting calendar entries as iCal files does not result in unexpected behavior	9.0.4.2.0
3117497	When selecting Download Only from the Reconcile, Cancel, Download Only dialog box, any changes made to the offline Agenda will be erased. A message informing of you this is displayed.	9.0.4.2.0
3289145	If an alias is being used by the Connection Manager and that alias is changed to point to another host, the desktop client will automatically detect the new host	9.0.4.2.0
3291664	Tasks with start and due dates display correctly	9.0.4.2.0
3378645	Importing vCard 2.1 files without the Name property does not result in an error	9.0.4.2.0
N/A	Clicking Apply to All in the General tab of a repeating entry would reset your Reminder and Reply options for all instances of the entry	9.0.4.1.0
N/A	You would exceed the maximum mail distribution limit by adding a resource with many designates	9.0.4.1.0

Table 6–13   Fixed Oracle Calendar Sync for Palm for Windows Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3410147	Users on slave nodes can sign in and perform a synchronization successfully	9.0.4.2.0
2864229	Events and contacts containing titles ending with an "=" character did not synchronize correctly	9.0.4.1.0

Table 6–14   Fixed Oracle Calendar Sync for Pocket PC Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3410147	Users on slave nodes can sign in and perform a synchronization successfully	9.0.4.2.0
2864229	Events and contacts containing titles ending with an "=" character did not synchronize correctly	9.0.4.1.0

Table 6–15   Fixed Oracle Calendar Globalization Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3104326	In the Calendar portlet, for languages such as Japanese and Chinese, the time format for events has been corrected	9.0.4.2.0
3292318, 3330078, 3055411, 3359979, 2988702	Multibyte text entered into fields would sometimes be unexpectedly truncated if it exceeded the Calendar server limit. A warning is now given if the limit is exceeded.	9.0.4.2.0
3314505	In Greek, indecipherable text appeared in the Task View page	9.0.4.2.0
3377169	The format of week number and week number intervals was fixed for Korean	9.0.4.2.0
2948693, 2949389	In translated versions of the online Help: ■ Setting default reminders is now described. ■ In accessible mode, in the Display Preferences section under Setting Your Preferences, the Help explained that you could select the hours of the day you want displayed in your Daily View, but this does not apply to accessible mode. This sentence has been removed.	9.0.4.1.0

6.3 Oracle Email Bugs

This section includes the following tables:

- Table 6–16, " Fixed Generic Oracle Email Bugs"
- Table 6–17, " Fixed Oracle Email Administration Bugs"
- Table 6–18, " Fixed Oracle Email Globalization Bugs"
- Table 6–19, " Fixed Oracle Email Java SDK Bugs"
- Table 6–20, " Fixed Oracle Email List Server Bugs"
- Table 6–21, " Fixed Oracle Email Migration Tool Bugs"
- Table 6–22, " Fixed Oracle Email PL/SQL SDK Bugs"
- Table 6–23, " Fixed Oracle Email IMAP Server Bugs"
- Table 6–24, " Fixed Oracle Email NNTP Server Bugs"
- Table 6–25, " Fixed Oracle Email POP Server Bugs"
- Table 6–26, " Fixed Oracle Email SMTP Server Bugs"
- Table 6–27, " Fixed Oracle Webmail Bugs"

Table 6–16   Fixed Generic Oracle Email Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2989745	Alias with invalid e-mail address shuts down the SMTP process	9.0.4.2.0
3020904	INVALID distribution list NAME ERROR appearing for VALID distribution lists	9.0.4.2.0
3040517	IMAP4 inactivated server rule can still be triggered	9.0.4.2.0
3097150	Statistics collection should not interfere with housekeeper process	9.0.4.2.0
3249283	Entry for NNTP INBOUND missing in listener.ora after upgrade	9.0.4.2.0
3249296	Default values for NNTP servers not set after upgrade	9.0.4.2.0
2972907	Cannot search any e-mail message	9.0.4.1.0
2982066	Cannot show body text and content of attached file when filter is applied	9.0.4.1.0
3036037	Housekeeper logs ORA-6502 error in log files	9.0.4.1.0
3050524	When upgrading to Oracle Collaboration Suite V2 from V1, performing the upgrade of the midtier using the ocsua.sh script does not work	9.0.4.1.0
3052138	Clients cannot connect to a POPSSL process, even though it is up and running. "NSACCEPT FAILED..." error appear in log file.	9.0.4.1.0
3072103	Fetching shared folder ACI from OID groups is extremely slow	9.0.4.1.0

Table 6–17   Fixed Oracle Email Administration Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2988901	Virus scrubbing cannot be enabled from Policy Administration page	9.0.4.2.0
3027989	Archive newsgroup for distribution list should not default to a moderated newsgroup	9.0.4.2.0
3043566	Last character of host name is missing in Update Virus Scanner page	9.0.4.2.0
3061728	AQDEQUE messages not logged in Email server after a node failover in RAC environment	9.0.4.2.0
3064493	An error message should appear if newsgroup creation fails	9.0.4.2.0
3073967	User-specific metrics should not be saved for charting	9.0.4.2.0
3075417	Cannot set e-mail and voice quota over 2148 MB	9.0.4.2.0
3091916	Error should appear if user tries to access non-existent newsgroup	9.0.4.2.0
3164440	OESCTL SHOW TARGETS not working	9.0.4.2.0
3242403	OESBKP cannot backup inboxes with malformed e-mails	9.0.4.2.0
3259591	Prevent Service Denial Attack parameter value not accurately reflected in Policy page	9.0.4.2.0
2916679	In the "New/Edit Antivirus Scanner" administration page, the edit boxes labels are not tabable	9.0.4.1.0
2965892	Spinning midtier e-mail server process prevents database transactions from completing	9.0.4.1.0
3027752	Error displayed when opening Anti-virus page from Policy tab	9.0.4.1.0
3027807	Error when changing the description field (which contains multibyte characters) of a newsgroup that was created as a result of a creating an archived list	9.0.4.1.0
3037729	OESCTL startup always returns failure for voicemail processes even though the processes are started. OESCTL show status always returns "no response" for voicemail processes.	9.0.4.1.0
3062295	User Management Success pages show errors if Voicemail is not installed	9.0.4.1.0
3070310	Enterprise Manager unable to restart crashed Oracle Email processes due to platform-specific path name	9.0.4.1.0

Table 6–18   Fixed Oracle Email Globalization Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2931424, 2936382	Label text should be wrapped	9.0.4.2.0
3438611	Chinese text displayed vertically in Share Folder page	9.0.4.2.0
2785846	Advanced search screen cannot be translated into some languages	9.0.4.1.0
2848618	Encodings of multi-byte sender's name is displayed in error message	9.0.4.1.0
2963636	Translated Email Administration help pages are not available	9.0.4.1.0
3027974	"MAILUSER" not translated	9.0.4.1.0
3030330	When creating new list server list in simplified Chinese version of the Email Administration pages, label for "Group Approvers" was not translated	9.0.4.1.0

Table 6–19   Fixed Oracle Email Java SDK Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2646666	Renaming shared folder with subfolders fails when folder name contains uppercase character	9.0.4.2.0
3189054	Unable to add users to a distribution list	9.0.4.2.0
3027830	Error when creating a rule through Webmail preferences page	9.0.4.1.0
3079298	Expose password encryption method in Oracle Email Java API	9.0.4.1.0

Table 6–20   Fixed Oracle Email List Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3088046	List server does not fill return-path header when list-admin sends message	9.0.4.2.0
3297053	List server should perform address rewriting on all members of initial recipient list	9.0.4.2.0
3034929	Non-subscriber can post/send e-mail to a "subscriber only" type distribution list	9.0.4.1.0

Table 6–20   (Cont.) Fixed Oracle Email List Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3039747	Message not being delivered to all users of an external distribution list if the number of the users in the list is greater than the list server batch size parameter	9.0.4.1.0

Table 6–21   Fixed Oracle Email Migration Tool Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3029372	Exchange plug-in failed to extract attached forwarded messages and skips notes, calendar, and journal items	9.0.4.2.0
3077797	Data should not be migrated to non-existent shared folder	9.0.4.2.0
3110817	Shared folder access control incorrectly set on target	9.0.4.2.0
3110830	Groupwise migration plug-in displays WMS dialog box during shared folder extraction	9.0.4.2.0
3110834	Oracle Email 5.2 migration plug-in doesn't extract dls, shared folders, or public aliases	9.0.4.2.0
3184521	Migration Tool should preserve received dates of messages	9.0.4.2.0
3191682	Some Exchange non-delivery reports cause plug-in to crash	9.0.4.2.0
3191692	Exchange messages with null subjects cause plug-in to crash	9.0.4.2.0
3233784	Base-64 encoded messages are not properly decoded in Outlook Connector client	9.0.4.2.0
3242167	Incorrect rules extraction affects Exchange migration plug-in	9.0.4.2.0
3273379	Exchange messages with un-named attachments cause plug-in to crash	9.0.4.2.0
3284411	Lotus migration plug-in fails to send verification report to user after migration finishes	9.0.4.2.0
3296607	Migration Tool should not open folders set to NoSelect	9.0.4.2.0
3311565	E-mails sent from UNIX servers do not get decoded for display after migration using Exchange migration plug-in	9.0.4.2.0
3321032	Exchange plug-in fails to route users from multiple User Containers	9.0.4.2.0
3332956	Exchange Routing option can create duplicate entries in Address book display	9.0.4.2.0

Table 6–21   (Cont.) Fixed Oracle Email Migration Tool Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3028562	Extract User option from Extract Menu is not working when the Source system selected is Oracle Email Server 5.2	9.0.4.1.0
3077844	Shared folder creation on target fails	9.0.4.1.0

Table 6–22   Fixed Oracle Email PL/SQL SDK Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3036445	Message waiting indicator is not turned off if a voice mail is automatically moved through server-side rules upon delivery	9.0.4.2.0
3167954	Failed to send messages with a large attachment	9.0.4.2.0
3179057	Unable to perform body text search when search string contains reserved words	9.0.4.2.0
3301039	Auto-replies should not be sent in response to voice mail messages	9.0.4.2.0
3350180	Annotations are not being updated correctly	9.0.4.2.0
3050540	Rules defined under IMAP events (expunge/copy/flagchange/etc) only works for the first message during a bulk IMAP operation	9.0.4.1.0
3070432	PIM notification alerts to SprintPCS phones are not working	9.0.4.1.0

Fixed Oracle Email Protocol Servers Bugs

Table 6–23   Fixed Oracle Email IMAP Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3124855	IMAP server must correctly respond to list command with empty argument	9.0.4.2.0
3141163	IMAP4 X-ORACLE-LIST command not working for public folders	9.0.4.2.0
3036504	IMAP does not return proper values to Outlook Connector for certain voicemail preferences	9.0.4.1.0
3046525	IMAP server is not listing all the subscribed folders correctly	9.0.4.1.0

Table 6–24   Fixed Oracle Email NNTP Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2840911	Cannot connect to NNTP server when DNS reverse lookup for client fails	9.0.4.2.0
3023652	NNTP outbound server must log correct error when remote server refuses connection	9.0.4.2.0
3047647	Only approved users can post to a moderated newsgroup	9.0.4.2.0
3047653	Posting succeeds to a moderated NNTP group which has no moderators	9.0.4.2.0
3088390	NNTP SERVER must correctly host newsgroups from other mail stores	9.0.4.2.0
3096605	NNTP memory leak	9.0.4.2.0
3098593	NNTP server configured for SSL fails to register with listener	9.0.4.2.0
3118710	NNTP inbound must correctly honor string tokens	9.0.4.2.0
3130827	Default values for parameters must be set in OCSV1 - OCSV2 upgrade environment for NNTP inbound server	9.0.4.2.0
3245634	XPAT is not working properly	9.0.4.2.0
3245637	XOVER not working properly	9.0.4.2.0
3035714	After applying the security patch bug fix for Bug #3025100, user cannot start NNTP inbound server	9.0.4.1.0

Table 6–25   Fixed Oracle Email POP Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3275040	POP3 memory leak	9.0.4.2.0

Table 6–26   Fixed Oracle Email SMTP Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3089907	SMTP unable to send mail to domains with multiple MX records	9.0.4.2.0
3108394	MAIL FROM addresses must be parsed and validated	9.0.4.2.0
3109217	E-mails sent out with .ics or .vcs attachments are never received by recipient	9.0.4.2.0

Table 6–26   (Cont.) Fixed Oracle Email SMTP Server Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3192591	Lower waiting time before retrying to deliver messages that have been requeued	9.0.4.2.0
3281977	SMTP server should accept connections even if IP lookup in DNS server fails	9.0.4.2.0
3330414	MAIL FROM command does not support AUTH parameter	9.0.4.2.0
3330870	AUTHINFO (if available) should be passed to external filters	9.0.4.2.0
3405854	Messages with subject "--no subject--" appear sporadically	9.0.4.2.0
3082625	If auto reply mode was set to REJECT and an expiration date was set, messages are not being delivered after the expiration date has passed	9.0.4.1.0

Table 6–27   Fixed Oracle Webmail Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2478206	Cannot log into Webmail as an e-mail user with multi-byte user ID	9.0.4.2.0
2933799	Cannot delete an invalid contact from the list	9.0.4.2.0
2936138	Original message in a replied mail does not have quotation marks	9.0.4.2.0
2943141	No validation when adding contact name after mail sent	9.0.4.2.0
2954747	Search by size: should be a tip for search dimension	9.0.4.2.0
2964195	Cannot return to the original page after editing folders	9.0.4.2.0
3028340	Webmail attachments larger than 5 MB fail	9.0.4.2.0
3038405	Reply to or forwarded message is unreadable if the original is a plain text message sent from Webmail	9.0.4.2.0
3050101	Incorrect information in the help page for the All Messages page	9.0.4.2.0
3051863	AUTO-REPLY sends replies incorrectly to messages that should not be replied to	9.0.4.2.0
3087880	Escape functionality is required to escape special characters in JAVASCRIPT	9.0.4.2.0
3096098	Mail portlet always shows 0 messages if user ID is different from e-mail ID	9.0.4.2.0
3099934	Sorting on "To" field does not work in "Sent Messages" folder	9.0.4.2.0

Table 6–27   (Cont.) Fixed Oracle Webmail Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3101018	Cannot get to folder from Select a Folder drop-down menu on Message List page	9.0.4.2.0
3104854	Changing MAIL attribute of base user allows to see other users' inbox	9.0.4.2.0
3106598	Select Address List only fills in first member in New Mail	9.0.4.2.0
3110833	Folders larger than 2147 MB are not accepted	9.0.4.2.0
3111959	Divider is missing in included message when replying or forwarding a message	9.0.4.2.0
3118795	JAVASCRIPT broken for Mozilla 1.X (Netscape 7.X)-based browsers	9.0.4.2.0
3119245	Newsgroup description cannot contain commas	9.0.4.2.0
3191986	Forwarded e-mail with attachments containing special characters fails	9.0.4.2.0
3194132	Cannot read MS Word attachments with Webmail client	9.0.4.2.0
3201683	After going to a Help page, existing content in Compose page in Webmail is lost	9.0.4.2.0
3209066	Mailing list no access restriction for adding foreign users/aliases/nested lists in DLR pages	9.0.4.2.0
3210733	Cannot move a sub folder to the top level	9.0.4.2.0
3211232	Accessing shared inbox fails with "Unable To Find Folder"	9.0.4.2.0
3218498	An error message occurs when deleting the Shared/Public folder	9.0.4.2.0
3222542	Logos in Webmail have incorrect URL links associated with them	9.0.4.2.0
3251720	Maximum attachment size exception (SIZELIMITEXCEEDEDEXCEPTION) not reported to user	9.0.4.2.0
3265861	Oracle Collaboration Suite Webmail unable to show message body created from Outlook MS Word	9.0.4.2.0
3283584	Policy page parameter set up is incorrect for virus scan	9.0.4.2.0
3349782	Unable to create mail filters with "<" character present	9.0.4.2.0
3373881	OJMA should support sort on the RFC822_TO field	9.0.4.2.0
3387016	Missing resource for domain	9.0.4.2.0
3437486	Moving folders in Webmail generates error message	9.0.4.2.0
2945443	Default font used by Oracle Webmail client seems to be inconsistent	9.0.4.1.0
2998123	Web client does not recognize Web archive (.MHT) attachment	9.0.4.1.0

Table 6–27   (Cont.) Fixed Oracle Webmail Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3006789	Alias column is not visible in the Address Lookup page	9.0.4.1.0
3022558	Tool removes wrong person from DL	9.0.4.1.0
3023915	Add search base to all ESDSGETATTRIBUTES() calls in DLR pages	9.0.4.1.0
3027912	Message date missing if midtier installed in ZH locale	9.0.4.1.0
3029078	There is no UM online help in the Unified Messaging OEM pages	9.0.4.1.0
3049551	Webmail has to display the same size of fonts sent with outlook	9.0.4.1.0
3050819	Email portlet shows new message count instead of total	9.0.4.1.0
3053570	Reply All should not send to sender of the mail in Webmail	9.0.4.1.0
3062280	Preference page needs to cache DAS URLs for better performance	9.0.4.1.0
3093934	Email portlet fails if OJMA encryption is TRUE	9.0.4.1.0
3099946	Handle non-compliant content-ID headers with missing angle bracket delimiters	9.0.4.1.0

6.4 Oracle Files Bugs

This section includes the following tables:

- Table 6–28, " Fixed Generic Oracle Files Bugs"
- Table 6–29, " Fixed Oracle Files Administration Bugs"
- Table 6–30, " Fixed Oracle Files Globalization Bugs"
- Table 6–31, " Fixed Oracle Files Installation and Configuration Bugs"
- Table 6–32, " Fixed Oracle Files NFS Bugs"
- Table 6–33, " Fixed Oracle Files SMB Bugs"

Table 6–28   Fixed Generic Oracle Files Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2878450	The File Management online help page could not be displayed in Microsoft Internet Explorer	9.0.4.2.0
3240713	Due to limitations on partially applied updates, the Folder Index Analyzer Agent attempted to apply updates a second time, causing failures	9.0.4.2.0

Table 6–28   (Cont.) Fixed Generic Oracle Files Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3320393	Problems occurred with the Dangling Object AV Cleanup Agent due to issues with session timeouts	9.0.4.2.0
3336643	Modifying a category caused connection pools to be reset	9.0.4.2.0
3337653	Error occurred when performing a root ("/") folder only search	9.0.4.2.0
3023618	When an HTML file that includes images was versioned, the images appeared broken in all versions but the base version	9.0.4.1.0
3024421	Problems occurred with case-sensitive reauthentication of user names	9.0.4.1.0
3076937	Opening My Workspaces with a shared schema and many Subscriber members was slow	9.0.4.1.0

Table 6–29   Fixed Oracle Files Administration Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2629614	The OID Synchronization Agent did not synchronize the user's first name from Oracle Internet Directory into Oracle Files	9.0.4.2.0
2644364	When Oracle Files was configured to use SSL/HTTPS, the user's e-mail address was not synchronized from Oracle Internet Directory into Oracle Files	9.0.4.2.0
3026676	The Workspace Administration Bulk Admin tool failed to create a workspace when Workspace Administrators had not yet been provisioned in Oracle Files	9.0.4.1.0
3037840	When the Subscriber Administrator performed user searches, some user names were not returned	9.0.4.1.0
3072662	When the Subscriber Administrator renamed a user account, an exception was thrown	9.0.4.1.0

Table 6–30   Fixed Oracle Files Globalization Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2961735	Oracle FileSync synchronization success message was truncated in Spanish	9.0.4.2.0

Table 6–30   (Cont.) Fixed Oracle Files Globalization Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3037506	The Oracle FileSync help was not displaying correctly in Turkish	9.0.4.2.0
3081576	In the Oracle FileSync install wizard, Traditional Chinese characters appeared corrupted	9.0.4.2.0
3094264	In the Oracle FileSync install wizard, high-ASCII characters appeared corrupted	9.0.4.2.0
3114881	The Oracle Files online help was not translated into Russian	9.0.4.2.0
3114968	The Oracle FileSync online help was not translated into Russian	9.0.4.2.0
3124510	Some strings were not translated in the Files Portlet on the Oracle Collaboration Suite Portal page	9.0.4.2.0
3156143	In a German locale, Workspace Administrators could not add new members from the link provided in the "Request to Join Workspace" e-mail	9.0.4.2.0
3181964	Some time zone strings were not localized for Simplified Chinese	9.0.4.2.0
3200545	In a German locale, some Oracle FileSync screen text was truncated	9.0.4.2.0
3235862	The Oracle Files WebDAV server could not handle multibyte file name access via MSDAIPP.DLL V10	9.0.4.2.0
3247838	Could not enable Russian in Oracle Workflow	9.0.4.2.0
3358257	The Oracle Files WebDAV server could not handle multibyte file name access via MSDAIPP.DLL V8	9.0.4.2.0
3397336	Could not enable Danish and Finnish in Oracle Workflow	9.0.4.2.0
3436917	Errors occurred in Oracle FileSync when keyboard shortcuts were set to Cyrillic characters	9.0.4.2.0
2950532	Multibyte characters in Oracle Workflow appeared garbled	9.0.4.1.0
2976937	In Oracle FileSync, log error e-mails could not be received in non-English locales	9.0.4.1.0
3012826	In the Oracle Files Web interface, some time zones were not translated into Arabic	9.0.4.1.0
3025908	Line feed characters caused Oracle FileSync installation to fail in several languages	9.0.4.1.0
3028027	Some online help pages could not be viewed in Portuguese due to incorrect encoding	9.0.4.1.0
3028131	For some languages, images could not be displayed in the Oracle Files QuickTour due to missing files	9.0.4.1.0
3028286	For some languages, the Welcome text could not be displayed due to missing files	9.0.4.1.0

Table 6–30   (Cont.) Fixed Oracle Files Globalization Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3038518	In the Oracle Files QuickTour, the .css file was missing for all languages other than English	9.0.4.1.0
3052127	The Oracle Files configuration assistant displayed incorrect line feeds in Japanese	9.0.4.1.0
3054349	The Oracle Files configuration assistant displayed a URL that was not translatable	9.0.4.1.0
3059346	time zone list was incomplete and included characters that affected translation	9.0.4.1.0
3068239	Oracle Files shipped with the reviewdocuments_ar.wft workflow template, even though Oracle Workflow does not support Arabic	9.0.4.1.0

Table 6–31   Fixed Oracle Files Installation and Configuration Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3081007	Java Command for regular nodes needs to be changed for some platforms	9.0.4.2.0
3126432	After Oracle Files configuration, the Oracle Files domain link in Oracle Enterprise Manager appeared as text instead of a link	9.0.4.2.0
3130775	After upgrading Oracle Files, clicking on the Oracle Files domain link in Oracle Enterprise Manager displays a blank page	9.0.4.2.0
3142912	The ifswfsetup script printed the orcladmin password in the log file	9.0.4.2.0
3145532	A misspelled word caused an error during Oracle Files configuration on Linux	9.0.4.2.0
3201218	After integrating Oracle Files and Oracle Workflow, the Oracle Workflow schema password was stored unencrypted in dads.conf	9.0.4.2.0
3203575	The ifswfenablelang.log file showed the database SYS password, the database SYSTEM password, and the Oracle Workflow schema password	9.0.4.2.0
3279810	During an upgrade, integrating Oracle Workflow with Oracle Files failed due to problems with synchronizing users between Oracle Internet Directory and Oracle Workflow	9.0.4.2.0
3025695	During an upgrade, running ocsua.sh script more than once threw an exception	9.0.4.1.0
3027836	The ifswfsetup script to integrate Oracle Workflow and Oracle Files reported success even if part of the procedure failed	9.0.4.1.0

Table 6–31 (Cont.) Fixed Oracle Files Installation and Configuration Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3029775	The silentconfig.properties file contained unnecessary references to Oracle Workflow	9.0.4.1.0
3107112	Running the ifswfsetup script failed because the JAVA_HOME was not unset	9.0.4.1.0
3107116	Due to problems with enabling Brazilian Portuguese in Oracle Workflow, the WFNLADD.SQL script needed to be updated	9.0.4.1.0

Table 6–32 Fixed Oracle Files NFS Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2480035	After a RAC instance failover, the Oracle Files NFS server could not be used	9.0.4.2.0
3060960	Performing an ls command from an HP-UX NFS client did not return all files	9.0.4.2.0
3050075	The Oracle Files NFS server did not shut down completely if a ContentCache thread was terminated	9.0.4.1.0

Table 6–33 Fixed Oracle Files SMB Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3185463	A misleading error message appeared when using Microsoft Project over SMB	9.0.4.2.0
3206196	The SMB log did not provide enough information to determine which document was generating an ORA-1555 error	9.0.4.2.0
3264523	With a large number of concurrent sessions, errors occurred during high volume tests against the Oracle Files SMB server	9.0.4.2.0
3392651	When the Tree ID in the header of SMB message packets exceeded 65535, errors occurred, causing the SMB client to hang	9.0.4.2.0
2865317	The Oracle Files SMB server allowed documents to be concurrently edited through SMB and WebDAV, causing a loss of data	9.0.4.1.0
2917692	The share mode restriction for a file open was not implemented, allowing some file open requests to succeed even though another user had the file open	9.0.4.1.0

Table 6–33 (Cont.) Fixed Oracle Files SMB Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2967378	The SMB log did not provide enough information for debugging lock and timeout issues when the log was set at Medium level	9.0.4.1.0
3095396	Selecting a file from Windows Explorer using SMB caused the modified date to change	9.0.4.1.0

6.5 Oracle Ultra Search Bugs

Oracle Ultra Search is patched through Oracle Application Server patch sets. There are no bugs fixed in Oracle Collaboration Suite Release 2 Patch Set 1 (9.0.4.2.0) on top of Release 2 (9.0.4.1.0).

Table 6–34 Fixed Generic Oracle Ultra Search Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3221452	Oracle Collaboration Suite upgrade assistant hangs while upgrading Ultra Search	9.0.4.1.0

6.6 Oracle Voicemail & Fax Bugs

This section includes the following tables:

- Table 6–35, " Fixed Generic Oracle Voicemail & Fax Bugs"

- Table 6–36, " Fixed Oracle Voicemail & Fax Administration Bugs"

- Table 6–37, " Fixed Oracle Voicemail & Fax Installation Bugs"

Table 6–35 Fixed Generic Oracle Voicemail & Fax Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
2178806	Erratic MWI service when restarted through activation daemon	9.0.4.2.0
2896774	Prefix to be added to the PBX NUMBER attribute is mandatory for the retrieval process	9.0.4.2.0
3120384	Brazilian Portuguese xml file references wrong directory	9.0.4.2.0
3121543	AQMWI processes stall after logging out of the system	9.0.4.2.0
3212853	No MWI provider name property default	9.0.4.2.0

Table 6–35   (Cont.) Fixed Generic Oracle Voicemail & Fax Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3234226	bulkmakedirectory.sh and bulkmakedirectory.bat use wrong JVM	9.0.4.2.0
3239422	Correct voicemail preference setting page	9.0.4.2.0
3257360	Correct commit logic for the UM_MWI.SET_MWI() procedure	9.0.4.2.0
3262928	AUTOATTENDANT does not log the cause of a TUI model error	9.0.4.2.0
3268883	RMID and RMIREGISTRY processes die when user logs out	9.0.4.2.0
3288073	Auto-reply is sent to non-mail user	9.0.4.2.0
3301304	AQMWI object caching should not be enabled	9.0.4.2.0
3327487	Trim 3-4 seconds from .wav files	9.0.4.2.0
3386204	Enhancement request for voicemail playback controls	9.0.4.2.0
3038809	Translated error message is not integrated (voicemail/fax)	9.0.4.1.0
3052108	Exporting RMI objects in a firewall config (V2+)	9.0.4.1.0
3066406	Voicemail languages are not translated and sorted correctly for different languages	9.0.4.1.0

Table 6–36   Fixed Oracle Voicemail & Fax Administration Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3143599	Oracle Voicemail & Fax application need to log to system.out and system.err files	9.0.4.2.0
3207444	Oracle Voicemail & Fax needs to integrate with OEM 4.0 for monitoring and metrics	9.0.4.2.0
3036043	Error message when no users selected has no spaces	9.0.4.1.0
3036093	Error and confirmation together after removing user	9.0.4.1.0
3046126	Voicemail administration help pages are not showing up	9.0.4.1.0

Table 6–37   Fixed Oracle Voicemail & Fax Installation Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3321972	Installation for new voicemail languages (HU, RO, RU, and CS)	9.0.4.2.0
3044050	MAILSTORELIST.TXT NOT FOUND error in the second part of OVF WIN2K install	9.0.4.1.0
3046593	Cryptic error message displayed when Windows resource kit is not installed	9.0.4.1.0
3046947	Not all V2 languages can be selected in user preferences	9.0.4.1.0

6.7 Oracle Web Conferencing Bugs

This section includes the following tables:

- Table 6–38, " Fixed Generic Oracle Web Conferencing Bugs"
- Table 6–39, " Fixed Oracle Web Conferencing Globalization Bugs"

Table 6–38   Fixed Generic Oracle Web Conferencing Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3117475	Conferences on site ID 0 could be deleted by users using XML services	9.0.4.2.0
3125526	When Simplified Chinese locale users shared an area of their desktop, Arabic users saw this area flipped on their desktop	9.0.4.2.0
3130025	System administrators could not customize the privacy statement for their installations. The URL for the privacy statement is now configurable.	9.0.4.2.0
3150639	Users could not include dashes in the dial-in sequence they entered for a conference	9.0.4.2.0
3157513	Users who opened a conference page and then clicked Back (without joining the conference) would return to the All Sites Web Conferencing home, not the site-specific home page	9.0.4.2.0
3181215	The integration services join conference flow did not pass the user's ID (first name, last name, and e-mail address); now passed as XML elements	9.0.4.2.0
3195461	When a host created a conference through Oracle Calendar, the e-mail invitation displayed the start time in UMT (Universal Mean Time)	9.0.4.2.0
3253214	Rating and comment information was not saved if there was more than one load balancer	9.0.4.2.0

Table 6–38   (Cont.) Fixed Generic Oracle Web Conferencing Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3359461	When scheduling a conference, the default year was set to 2003; default is now set to the database server's current date and time	9.0.4.2.0
3052305	No supported procedure for changing the database schema or password for an instance; new imtctl command created to support this	9.0.4.1.0
3052334	No supported procedure for updating instance key; new imtctl command created to support this	9.0.4.1.0
3066005	Playback console hides recorded run-time console during playback	9.0.4.1.0
3089259	When a host updated a scheduled conference, the conference time was automatically reset	9.0.4.1.0
3091628	When Oracle Collaboration Suite Release 2 (9.0.4.1.0) was installed, some of the Oracle Web Conferencing (Oracle Real-Time Collaboration) configuration assistants were run during installation, even if the user chose not to configure Oracle Web Conferencing	9.0.4.1.0

Table 6–39   Fixed Oracle Web Conferencing Globalization Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3125526	When Simplified Chinese locale users shared an area of their desktop, Arabic users saw this area flipped on their desktop	9.0.4.2.0

6.8 Oracle9*i*AS Wireless Bugs

Table 6–40   Fixed Oracle9iAS Wireless Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3028503	In the Oracle Collaboration Suite Portal, creating an address in the Address Book is failing	9.0.4.2.0
3028533	Errors being received when saving, after verifying that Email preferences have been reset	9.0.4.2.0
3034441	Translation problem: the English string: "Regions" column name is incorrect	9.0.4.2.0
3036894	Error information for Instant Messenger is displayed in Japanese for users using the English language	9.0.4.2.0

Table 6–40   (Cont.) Fixed Oracle9iAS Wireless Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3037127	The Reply All option in Wireless Mail access produces an error message	9.0.4.2.0
3038542	Unable to browse HTML Mail	9.0.4.2.0
3045846	Sending an email attachment from Files in ptg/rm results in multiple attachments	9.0.4.2.0
3047500	The "Previous" icon is missing from Mail on WAP devices	9.0.4.2.0
3051581	PORTAL/EMAIL: Recipients' email addresses are not automatically displayed as expected	9.0.4.2.0
3070376	WAP Applications are unusable on some devices	9.0.4.2.0
3073910	Errors in Contact Rules prompts	9.0.4.2.0
3095207	Received a service error while accessing Mail, Calendar, and Files	9.0.4.2.0
3096258	Cannot log into Instant Messenger in the Wireless Portal	9.0.4.2.0
3100268	Cannot log into Mail in the Wireless Portal from HDML	9.0.4.2.0
3100274	Cannot access the Wireless portal from XHDML	9.0.4.2.0
3102364	Translation problem: the value displayed (which should be substituted for a variable) does not exist	9.0.4.2.0
3109510	Display "No Priv to Access this Application" when appropriate	9.0.4.2.0
3118600	User name displayed does not reflect the currently logged-in user	9.0.4.2.0
3118612	List of time zones is incomplete	9.0.4.2.0
3125476	Cannot save the enclosed file to the online file system	9.0.4.2.0
3129220	Misspelled word on pages	9.0.4.2.0
3174307	Modifying a set of rules (for notifications) generates duplicate messages	9.0.4.2.0
3174999	Some Contact Rule prompts contain errors	9.0.4.2.0
3185398	Must merge devices from 9.0.2.10 to 9.0.3.2	9.0.4.2.0
3189830	PIM Notification Dispatcher connects to an invalid Unified Messaging database	9.0.4.2.0
3189842	PIM Notification Dispatcher cannot process large numbers of Calendar messages	9.0.4.2.0
3201124	Address Book module parameter is missing during upgrade	9.0.4.2.0
3207313	Page Not Found error when clicking Finish on the Advanced page	9.0.4.2.0
3217303	Calendar for Windows NT crashes the virtual machine after minimal usage	9.0.4.2.0

Table 6–40   (Cont.) Fixed Oracle9iAS Wireless Bugs

Bug Number	Description	Fixed in Oracle Collaboration Suite Release 9.0.4.2.0 or 9.0.4.1.0
3219543	DTMF on Address Book does not work on Loquendo	9.0.4.2.0
3232042	Wireless Configuration Assistant fails while installing the middle tier	9.0.4.2.0
3238100	Translation errors on Hungarian strings in the Fax utility of Device Portal	9.0.4.2.0
3243132	Labels are not translated for the Over The Air feature	9.0.4.2.0
2938159	Some SQL files placed in the wrong directory	9.0.4.1.0
2983011	Translation problem: the MODIFY ADAPTER string not translated correctly	9.0.4.1.0
2990238	PIM notification alerts to Sprint PCS phones malfunctioning	9.0.4.1.0
3029321	Wireless notifications from e-mail servers sometimes contain duplicate content	9.0.4.1.0
3040737	No confirmation message appears when Wireless preferences are saved	9.0.4.1.0
3058739	Time zone errors in Oracle Collaboration Suite Release2 PIM notification dispatcher	9.0.4.1.0
3097577	Three failed test cases when running selftest on Oracle Collaboration Suite Wireless	9.0.4.1.0

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