

Oracle® Fusion Middleware

Upgrade Guide for Oracle WebCenter Collaboration

10g Release 3 (10.3.0.1)

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Describes how to upgrade Oracle WebCenter Collaboration.

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Contents

Preface	vii
Audience	vii
Documentation Accessibility	vii
Related Documents	viii
Conventions	viii
1 Upgrade Prerequisites	
1.1 Software Requirements	1-1
1.1.1 Requirements for Microsoft Windows Environments	1-2
1.1.2 Requirements for RedHat Linux Environments	1-2
1.1.3 Requirements for Oracle Enterprise Linux Environments	1-3
1.1.4 Requirements for Novell SuSE Linux Environments	1-4
1.1.5 Requirements for Sun Solaris Environments.....	1-4
1.1.6 Requirements for IBM AIX Environments.....	1-5
1.1.7 Requirements for HP-UX Environments.....	1-6
1.1.8 Additional Requirements	1-6
2 QuickStart Overview	
2.1 Upgrade Paths	2-1
2.2 Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1	2-1
3 Upgrade	
3.1 Upgrade Paths	3-1
3.2 Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1	3-1
3.3 Running the Installer During Upgrade	3-2
3.4 Deploying Oracle WebCenter Collaboration on Oracle WebLogic Server.....	3-4
3.5 Importing the Oracle WebCenter Collaboration Migration Package.....	3-6
3.6 Starting and Verifying the Upgrade.....	3-6
3.6.1 Verifying Oracle WebCenter Interaction Services	3-6
3.6.2 Starting the Oracle WebCenter Collaboration Services	3-7
3.6.2.1 Starting the Oracle WebCenter Collaboration Services on UNIX/Linux	3-7
3.6.2.2 Starting the Oracle WebCenter Collaboration Services on Windows.....	3-7
3.6.3 Running the Diagnostics Utility	3-8

A Installing the Exchange Remote API to Enable Groupware Integration

A.1	Running the Exchange Remote API Installer	A-1
-----	---	-----

B Silent Properties File

C Uninstalling Oracle WebCenter Collaboration

C.1	Uninstalling Oracle WebCenter Collaboration on UNIX/Linux.....	C-1
C.2	Uninstalling Oracle WebCenter Collaboration on Windows.....	C-1

Index

Preface

This book describes how to upgrade Oracle WebCenter Collaboration 10g Release 3 (10.3.0.1).

Audience

This document is intended for the user responsible for upgrading Oracle WebCenter Collaboration. This user must have strong knowledge of the platform operating system, database, web and application servers, and any other third-party software required for installation.

Documentation Accessibility

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Related Documents

For more information, see the following documents in the Oracle WebCenter Collaboration 10g Release 3 (10.3.0.1) documentation set:

- *Oracle WebCenter Collaboration Release Notes*
- *Oracle WebCenter Collaboration Configuration Worksheet*
- *Oracle Fusion Middleware Administrator's Guide for Oracle WebCenter Collaboration*

Conventions

The following text conventions are used in this document:

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

Upgrade Prerequisites

Complete the following basic steps to prepare your network and host computers for deployment:

1. Download the most up-to-date documentation from the Oracle Technology Network in the Oracle WebCenter Collaboration 10g Release 3 (10.3.0.1) documentation set. Read the release notes for additional information on compatibility issues, known problems, and workarounds that might affect how you proceed with your deployment.
2. Retrieve the Configuration Worksheets for Oracle WebCenter Collaboration 10.3.0.1 you completed during your previous install, or organize the information you need for the upgrade process by completing a new worksheet, available in the Oracle Technology Network in the Oracle WebCenter Collaboration 10g Release 3 (10.3.0.1) documentation set.
3. Provision host computers for your deployment and install prerequisite software. For details, see [Section 1.1, "Software Requirements."](#)

1.1 Software Requirements

The following sections list the software requirements for Oracle WebCenter Collaboration.

- [Section 1.1.1, "Requirements for Microsoft Windows Environments"](#)
- [Section 1.1.2, "Requirements for RedHat Linux Environments"](#)
- [Section 1.1.3, "Requirements for Oracle Enterprise Linux Environments"](#)
- [Section 1.1.4, "Requirements for Novell SuSE Linux Environments"](#)
- [Section 1.1.5, "Requirements for Sun Solaris Environments"](#)
- [Section 1.1.6, "Requirements for IBM AIX Environments"](#)
- [Section 1.1.7, "Requirements for HP-UX Environments"](#)
- [Section 1.1.8, "Additional Requirements"](#)

This section lists additional requirements such as portal and web browser support and requirements for plug-ins.

For the most current platform support information, see the BEA AquaLogic User Interaction spreadsheet on the Oracle Product Supported Configurations page at http://download.oracle.com/docs/cd/E13196_01/platform/suppconfigs/index.html.

For more information on recommended configurations based on the size of your implementation, see the section about provisioning computers in the *Oracle Fusion Middleware Deployment Planning Guide for Oracle WebCenter Interaction*.

For client requirements for using Oracle WebCenter Collaboration's Bulk Upload feature, see *Oracle Fusion Middleware Administrator's Guide for Oracle WebCenter Collaboration*.

Caution: IPv6 is not supported. You should verify that IPv6 is not enabled prior to upgrading this product.

1.1.1 Requirements for Microsoft Windows Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - Microsoft Windows 2003 SP2 on x86
- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - Microsoft SQL Server 2005 or 2005 SP2 (32- and 64-bit in default or failover cluster configuration)
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the `init$ORACLE_SID.ora` file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x or Microsoft SQL Server from 2000 to 2005, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - Microsoft Virtual Server 2005
 - VMWare ESX 3 and above

1.1.2 Requirements for RedHat Linux Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - RedHat Enterprise Linux ES 4.0 update 5 and above on x86
 - RedHat Enterprise Linux ES 5.2 on x86

- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the init\$ORACLE_SID.ora file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - VMWare ESX 3 and above

1.1.3 Requirements for Oracle Enterprise Linux Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - Oracle Enterprise Linux 4.7 or 5.2
- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the init\$ORACLE_SID.ora file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - Oracle VM

1.1.4 Requirements for Novell SuSE Linux Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - SuSE Enterprise Linux SLES 9 or 10 on x86
- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the `init$ORACLE_SID.ora` file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - VMWare ESX 3 and above

1.1.5 Requirements for Sun Solaris Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - Solaris 9** or 10 on 64-bit SPARC

Solaris 9 requires the following patch: 111711-15 (32-bit Shared library patch for C++) or 111712-15 (64-bit Shared library patch for C++).
- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - IBM DB2 UDB 9.5
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration

- Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
- Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the `init$ORACLE_SID.ora` file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - Solaris 10 Containers (Zones)

1.1.6 Requirements for IBM AIX Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - IBM AIX 5.3 on 64-bit POWER

IBM AIX requires the following patches: AIX 5.3 Service pack 5300-05-06 and July 2007 IBM C++ Runtime Environment Component for AIX.
- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - IBM DB2 UDB 9.5
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the `init$ORACLE_SID.ora` file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x or Microsoft SQL Server from 2000 to 2005, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - IBM Dynamic Logical Partitioning (LPAR)

1.1.7 Requirements for HP-UX Environments

This section lists the requirements for Microsoft Windows environments.

- Operating System:
 - HP-UX 11i v2 or v3 on 64-bit Itanium
- Application Servers:
 - Oracle Embedded Application Server 4.0
 - Oracle WebLogic Server 10gR3 (10.3.0) with Oracle JRockit
- Databases:
 - Oracle 9i Database (9.2.0.7) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle Database 10g (10.1.0.3) or Oracle Database 10gR2 (10.2.0.x and above) in default or Oracle Real Application Clusters (RAC) configuration
 - Oracle 11g (11.1.0.6 and above) in default or Oracle Real Application Clusters (RAC) configuration

On Oracle Database 11g, customers must add the following parameter to the bottom of the `init$ORACLE_SID.ora` file: `_optimizer_group_by_placement=false`

Note: If you are upgrading Oracle Database from 10.1.x to 10.2.x or Microsoft SQL Server from 2000 to 2005, you should perform this upgrade before upgrading Oracle WebCenter Collaboration.

- Virtualization Systems:
 - None

1.1.8 Additional Requirements

This section lists additional requirements such as portal and web browser support and requirements for plug-ins.

- Portal:
 - Oracle WebCenter Interaction 10.3.0.1
- Web Browsers:
 - Mozilla Firefox 2.0 and 3.0
 - Microsoft Internet Explorer 6.0 or 7.0
 - Apple Safari 2.0 or 3.0 (Windows only)
- Microsoft Office (for Collaboration Office Tools Add-In and WebDAV functionality):
 - Microsoft Office 2003 or 2007 on Microsoft Windows XP SP2 or Microsoft Vista
- Required Software for Microsoft Exchange Integration:
 - Microsoft .NET 2.0
 - Microsoft Web Services Enhancement 2.0

- Groupware Servers:
 - Lotus Notes 5.0.11
 - Microsoft Exchange 2000 (SP3 and higher)
 - Microsoft Exchange 2003
- Microsoft Project:
 - Microsoft Project 2003 or 2007

QuickStart Overview

This chapter provides brief, high level instructions for the upgrade of Oracle WebCenter Collaboration, and is intended to quickly guide experienced administrators through the upgrade procedure.

This chapter covers upgrading Oracle WebCenter Collaboration to the latest version. The organization of this section maps directly to detailed instructions in [Chapter 3, "Upgrade."](#)

2.1 Upgrade Paths

This section provides the paths that are available to upgrade to Oracle WebCenter Collaboration 10.3.0.1.

Note: All upgrade paths are between two systems of the same operating system brand, but not necessarily the same operating system version. Check current hardware and software requirements and make any required upgrades to operating system or database software prior to proceeding with the portal upgrade.

Upgrade Path	Upgrade References
Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1	Follow the procedure described in Section 2.2, "Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1."

2.2 Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1

This section describes how to upgrade from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1.

To upgrade from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1:

1. Stop Collaboration.
2. Stop the Search Server, Automation Service, and Document Repository Service.
3. Back up the portal database, Oracle WebCenter Collaboration database, and Document Repository.

4. Clear the Embedded Servlet Engine's work directory.
By default, this directory is located at:
 - **Windows:** *install_dir\common\container\tomcat\version\work\collaboration*
 - **UNIX/Linux:** *install_dir/common/container/tomcat/version/work/collaboration*
5. Upgrade the Oracle WebCenter Collaboration components. For details on launching the installer and completing its screens, see [Section 3.3, "Running the Installer During Upgrade."](#)
6. **(Optional)** Deploy Oracle WebCenter Collaboration on WebLogic Server. By default, Oracle WebCenter Collaboration is deployed on the Embedded Servlet Engine. You only need to perform this step if you want to deploy Oracle WebCenter Collaboration on WebLogic Server instead of the Embedded Servlet Engine. For details, see [Chapter 3.4, "Deploying Oracle WebCenter Collaboration on Oracle WebLogic Server."](#)
7. Import the **collaboration.pte** file, which is located in the following location on the Oracle WebCenter Collaboration host machine:
 - **UNIX/Linux:** *install_dir/ptcollab/10.3.0/serverpackages/*
 - **Windows:** *install_dir\ptcollab\10.3.0\serverpackages*For details, see [Section 3.5, "Importing the Oracle WebCenter Collaboration Migration Package."](#)
8. Start Oracle WebCenter Collaboration and verify operation.
 - a. Verify that the following Oracle WebCenter Interaction services are started: Search Server, API Service, Automation Service, Document Repository Service, LDAP Directory Service, and Notification Service.
 - b. Start the Search Service used by Oracle WebCenter Collaboration.
 - c. Start Oracle WebCenter Collaboration. If Oracle WebCenter Collaboration is deployed on WebLogic Server, start the domain on which Oracle WebCenter Collaboration is deployed.
 - d. To verify that Oracle WebCenter Collaboration is functioning correctly, access and analyze the Collaboration Diagnostics page:
http://mycollabserver:mycollabport/collab/admin/diagnostic

For more information on these steps, see [Section 3.2, "Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1."](#)

This chapter describes the process of upgrading from previous versions of Oracle WebCenter Collaboration to the current version.

To upgrade Oracle WebCenter Collaboration:

1. Review the supported upgrade paths. For details, see [Section 3.1, "Upgrade Paths."](#)
2. Follow the appropriate upgrade procedure for your existing version of Oracle WebCenter Collaboration.

3.1 Upgrade Paths

This section describes the paths that are available to upgrade to Oracle WebCenter Collaboration 10.3.0.1.

Note: All upgrade paths are between two systems of the same operating system brand, but not necessarily the same operating system version. Check current hardware and software requirements and make any required upgrades to operating system or database software prior to proceeding with the Oracle WebCenter Collaboration upgrade.

Upgrade Path	Upgrade References
Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1	Follow the procedure described in Section 3.2, "Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1."

3.2 Upgrading from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1

This section describes how to upgrade from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1.

To upgrade from Oracle WebCenter Collaboration 10.3 to Oracle WebCenter Collaboration 10.3.0.1:

1. Run the Oracle WebCenter Collaboration installer. For details, see [Section 3.3, "Running the Installer During Upgrade."](#)
2. Import the Oracle WebCenter Collaboration migration package. For details, see [Section 3.5, "Importing the Oracle WebCenter Collaboration Migration Package."](#)

3. Start Oracle WebCenter Collaboration and verify the upgrade. For details, see [Section 3.6, "Starting and Verifying the Upgrade."](#)

3.3 Running the Installer During Upgrade

To run the installer during upgrade:

1. Back up the portal and Oracle WebCenter Collaboration databases. This allows you to recover your data if there is a problem during upgrade. For more information, see your database documentation.
2. Stop Oracle WebCenter Collaboration.
3. Stop the Search Server, Automation Service, and Document Repository Service.
4. Back up the Document Repository directory on the file system. By default, this directory is located in:
 - **(UNIX/Linux)** /opt/bea/alui/ptdr/documents/PTCollab
 - **(Windows)** C:\bea\alui\ptdr\documents\PTCollab
5. Clear the Embedded Servlet Engine's work directory. This allows you to recover your data if there is a problem during upgrade. By default, this directory is located in:
 - **(UNIX/Linux)** *install_dir*/common/container/tomcat/*version*/work/collaboration
 - **(Windows)** *install_dir*\common\container\tomcat*version*\work\collaboration
6. Copy the installer file to the directory where you installed the previous version of Oracle WebCenter Collaboration. This allows the installer to use the silent properties file created by previous installations. For more information on using the silent properties file, see [Appendix B, "Silent Properties File."](#)

If you want to install to a new location or do not want to use the silent properties file, you can launch the installer from any location on the Oracle WebCenter Collaboration host machine.
7. Launch the Oracle WebCenter Collaboration installer by performing the following:
 - **UNIX/Linux:**
 - Log in to the Oracle WebCenter Collaboration host machine as the local administrator.

Note: For UNIX/Linux installations, you must run the Oracle WebCenter Collaboration installer as the user that owns the Oracle Inventory Directories.

- Run the WebCenterCollaboration_10.3.0.1.0 installer as follows: **\$./WebCenterCollaboration_10.3.0.1.0**

- **Windows:**
 - Log in to the Oracle WebCenter Collaboration host machine as the local administrator.
 - Close all unnecessary windows and applications.

- Double-click **WebCenterCollaboration_10.3.0.1.0.exe** to launch the installer.
8. Complete the installation wizard pages according to the settings you recorded in the installation worksheets provided in *Configuration Worksheets for Oracle WebCenter Collaboration 10.3.0.1* during your previous installation.

The following tables describe the Oracle WebCenter Collaboration installer wizard pages. The installer wizard pages that appear vary according to your configuration and the selections you choose.

Table 3–1 Oracle WebCenter Collaboration Installer Wizard Pages

Wizard Page	Description
Introduction	Provides general information on using the installer.
Choose Components	Select Custom or Complete . If you select Complete, a full set of Oracle WebCenter Collaboration components are installed. If you select Custom, you can select individual components to install according to your deployment plan.
Choose Install Folder	Select the folder that contains your Oracle WebCenter Collaboration installation. Default: <ul style="list-style-type: none"> ■ UNIX/Linux: /opt/bea/alui ■ Windows: C:\bea\alui In the rest of this guide, the default installation folder will be referred to as <i>install_dir</i> .
Portal Settings: Portal Database	Enter the type of database used by Oracle WebCenter Interaction. Oracle WebCenter Collaboration must use the same database type as the portal.
Portal Settings: Portal Database	Enter the host computer name, port, database name, and user login name for the Oracle WebCenter Interaction database.
Collaboration: Database Connection	Enter the database user login name and database name for the Oracle WebCenter Collaboration database.
Configuration Manager - Update	This page is displayed if an existing installation of Oracle WebCenter Configuration Manager 2.0 is detected. Select if you want to update the password or port information for Oracle WebCenter Configuration Manager or use the existing settings.
Configuration Manager - Port and Password	Type the port number on which you want Oracle WebCenter Configuration Manager to service Oracle WebCenter Collaboration requests. By default, the port number is 12345. After running the installer, you will be able to access Oracle WebCenter Configuration Manager by using the following URL: <code>https://localhost:port_number</code> . Also type and confirm the Administrator password that you will use to log into Oracle WebCenter Configuration Manager. The password is case-sensitive.

Table 3–1 (Cont.) Oracle WebCenter Collaboration Installer Wizard Pages

Wizard Page	Description
Path to Image Service Files	<p>Upgrade the Image Service files on the computer on which the Image Service is installed. The path should lead to the directory where the Image Service is installed.</p> <ul style="list-style-type: none"> ■ C:\bea\alui\ptimages (Windows) ■ /opt/bea/alui/ptimages (UNIX) <p>Before clicking Next, verify that security for the Image Service directory is appropriately configured to allow for installation of the Image Service files.</p> <ul style="list-style-type: none"> ■ After you have entered the required information, click Next.
Pre-Installation Summary	<p>Review the list of components to be installed.</p> <p>Click Install.</p>
Launch Configuration Manager	<p>Launch Oracle WebCenter Configuration Manager.</p> <p>Log in to Oracle WebCenter Configuration Manager using the user name Administrator and the password you specified. Follow the instructions in Oracle WebCenter Configuration Manager to complete all configurations with missing or incorrect settings.</p> <p>When you have completed all Oracle WebCenter Configuration Manager tasks, return to the installer and click Next.</p>
Application Settings Confirmation	<p>Select Yes if you have completed configuration of the Oracle WebCenter Collaboration settings.</p> <p>Select No, configure later to complete the installer without configuring the Oracle WebCenter Collaboration settings. You must run Oracle WebCenter Configuration Manager and configure your Oracle WebCenter Collaboration settings before starting Oracle WebCenter Collaboration.</p>
Install Complete	<p>(Windows Only) When the installer prompts you, reboot the machine. If you do not reboot, certain PATH environment variable changes might not take effect, and you will get errors when you try to deploy and start the applications.</p> <p>Click Done.</p>

3.4 Deploying Oracle WebCenter Collaboration on Oracle WebLogic Server

The Oracle WebCenter Collaboration installer automatically deploys Oracle WebCenter Collaboration on the Embedded Servlet Engine. You can choose to deploy Oracle WebCenter Collaboration on Oracle WebLogic Server instead of the Embedded Servlet Engine.

Important: If you choose to deploy Oracle WebCenter Collaboration on Oracle WebLogic Server, you should disable the **BEA ALI Collaboration Service** that is installed by the installer on Windows machines. You will not be able to start and stop Oracle WebCenter Collaboration using Oracle WebCenter Configuration Manager.

To deploy Oracle WebCenter Collaboration on Oracle WebLogic Server:

1. Identify a domain on which to deploy Oracle WebCenter Collaboration, or create a new domain. Refer to your Oracle WebLogic Server documentation for details on creating a new domain.

2. In Oracle WebLogic Server's **config.xml** file for the domain on which Oracle WebCenter Collaboration is deployed, add the following line at the end of the `<security-configuration>` tag:

```
<enforce-valid-basic-auth-credentials>false</enforce-valid-basic-auth-credentials>
```

This disables basic authentication for the domain, and is necessary for WebDAV to work properly.

The `<enforce-valid-basic-auth-credentials>` line must be the last entry in the `<security-configuration>` tag for the setting to take effect.

3. Add the following text to the `setDomainEnv.sh` or `setDomainEnv.cmd` file of the domain:

- On UNIX/Linux, add the following to `setDomainEnv.sh`. You must add this as one line of code:

```
JAVA_OPTIONS="${SAVE_JAVA_OPTIONS}
-Dbid.application.config=PT_HOME/settings
-Dplumtree.application.config=PT_HOME/settings
-Dbid.application=PT_HOME/ptcollab/10.3.0
-Dplumtree.application=PT_HOME"
```

- On Windows, add the following to `setDomainEnv.cmd`. You must add this as one line of code:

```
set JAVA_OPTIONS=%SAVE_JAVA_OPTIONS%
-Dbid.application.config=PT_HOME\settings
-Dplumtree.application.config=PT_HOME\settings
-Dbid.application=PT_HOME\ptcollab\10.3.0
-Dplumtree.application=PT_HOME
```

Enter the actual value of `PT_HOME` in the file. `PT_HOME` is the same value as `install_dir`. By default, the value for `install_dir` is `/opt/bee/alui` on UNIX/Linux and `C:\bee\alui` on Windows.

4. Start the WebLogic domain.
5. Deploy **collab.ear**, located in the following location, as an application in the WebLogic domain:

UNIX/Linux: `install_dir/ptcollab/10.3.0/webapp/`

Windows: `install_dir\ptcollab\10.3.0\webapp\`

Refer to your Oracle WebLogic Server documentation for details on how to deploy an application.

6. Update the Oracle WebCenter Collaboration application settings in Oracle WebCenter Configuration Manager to reflect the correct port numbers for the Oracle WebCenter Collaboration UI:
 - a. Launch Oracle WebCenter Configuration Manager.
 - b. In the application list on the left, under Collaboration, click **Application Settings**.
 - c. Update the values of **HTTP port** and **HTTPS port** with the port numbers used by the Oracle WebCenter Collaboration domain in WebLogic.
 - d. Click **SAVE**.
7. Update the URL of the Oracle WebCenter Collaboration remote server:

- a. Log in to the portal.
 - b. Navigate to the Oracle WebCenter Collaboration remote server object in the Admin Object Directory and open it for editing.
 - c. On the Main Settings page, set the port number of the **Base URL** to the port number of the Oracle WebCenter Collaboration application in WebLogic.
 - d. Click **Finish**.
8. In Oracle WebLogic Server's **config.xml** file for the domain on which Oracle WebCenter Collaboration is deployed, add the following line at the end of the `<security-configuration>` tag:
- ```
<enforce-valid-basic-auth-credentials>false</enforce-valid-basic-auth-credentials>
```

This disables basic authentication for the domain, and is necessary for WebDAV and Oracle WebCenter Collaboration RSS Feeds to work properly.

---



---

**Note:** The `<enforce-valid-basic-auth-credentials>` line must be the last entry in the `<security-configuration>` tag for the setting to take effect.

---



---

## 3.5 Importing the Oracle WebCenter Collaboration Migration Package

This section describes how to import the Oracle WebCenter Collaboration migration package.

To import the Oracle WebCenter Collaboration migration package:

1. Verify that the Search Server is running.
2. Log on to the portal as a user who has administrative rights.
3. From the Administration Select Utility drop-down list, use the Migration - Import utility to import the **collaboration.ptc** file, which is located in the following location on the Oracle WebCenter Collaboration host machine:
  - **UNIX/Linux:** `install_dir/ptcollab/10.3.0/serverpackages/`
  - **Windows:** `install_dir\ptcollab\10.3.0\serverpackages\`

Select **Overwrite Remote Servers**. If necessary, adjust other import settings.

For details on using the Migration - Import utility, see *Oracle Fusion Middleware Administrator's Guide for Oracle WebCenter Interaction*.

## 3.6 Starting and Verifying the Upgrade

This section describes how to start Oracle WebCenter Collaboration and verify the upgrade.

### 3.6.1 Verifying Oracle WebCenter Interaction Services

Verify that the following Oracle WebCenter Interaction services are running:

- Search Server
- API Service
- Automation Service

- Document Repository Service
- LDAP Directory Service
- Notification Service

For details on starting Oracle WebCenter Interaction services, see the *Installation Guide for Oracle WebCenter Interaction*.

## 3.6.2 Starting the Oracle WebCenter Collaboration Services

This section describes how to start the Oracle WebCenter Collaboration services. Follow the procedure appropriate to your environment. Depending on your configuration, all services may not be installed on the same host machine. In this case, perform each step on the host machine where the service is installed.

### 3.6.2.1 Starting the Oracle WebCenter Collaboration Services on UNIX/Linux

To start the Oracle WebCenter Collaboration services on UNIX/Linux:

1. Start the Search Service used by Oracle WebCenter Collaboration:
  - a. cd to `/opt/bea/alui/searchservice/1.1/bin`
  - b. run `./searchserviced.sh start`
2. Start Oracle WebCenter Collaboration:
  - a. Verify that the Notification Service is started.
  - b. cd to `/opt/bea/alui/ptcollab/10.3.0/bin`  
run `./ptcollaborationd.sh start`

---

---

**Note:** If Oracle WebCenter Collaboration is deployed on Oracle WebLogic Server, start the WebLogic domain on which Oracle WebCenter Collaboration is deployed. Do not start the Oracle WebCenter Collaboration daemon.

---

---

You can also start and stop the Oracle WebCenter Collaboration services using Oracle WebCenter Configuration Manager. Log in to Oracle WebCenter Configuration Manager using the user name Administrator and the password you specified during upgrade. Follow the instructions in Oracle WebCenter Configuration Manager to start each service. If Oracle WebCenter Collaboration is deployed on Oracle WebLogic Server, you cannot start it from Oracle WebCenter Configuration Manager.

### 3.6.2.2 Starting the Oracle WebCenter Collaboration Services on Windows

To start the Oracle WebCenter Collaboration services on Windows:

1. Click **Start > Control Panel > Administrative Tools > Services**.
2. Start **BEA ALI Search Service**.
3. Verify that the Notification Service is started.
4. Start **BEA ALI Collaboration**.

---

---

**Note:** You can also start and stop the Oracle WebCenter Collaboration services using Oracle WebCenter Configuration Manager. Log in to Oracle WebCenter Configuration Manager using the user name **Administrator** and the password you specified during upgrade. Follow the instructions in Oracle WebCenter Configuration Manager to start each service. If Oracle WebCenter Collaboration is deployed on Oracle WebLogic Server, you cannot start it from Oracle WebCenter Configuration Manager.

---

---

If Oracle WebCenter Collaboration is deployed on Oracle WebLogic Server, start the WebLogic domain on which Oracle WebCenter Collaboration is deployed. Do not start the BEA ALI Collaboration service.

### 3.6.3 Running the Diagnostics Utility

To verify that Oracle WebCenter Collaboration is functioning correctly, access and analyze the Collaboration Diagnostics page:

`http://mycollabserver:mycollabport/collab/admin/diagnostic`

For more information on using the Collaboration Diagnostics page, see *Oracle Fusion Middleware Administrator's Guide for Oracle WebCenter Collaboration*.

Check the **collaboration.log** file for any errors. This file is found in the `/opt/bea/alui/ptcollab/10.3.0/settings/logs` directory.

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## Installing the Exchange Remote API to Enable Groupware Integration

This appendix describes how to install the Exchange Remote API, which you use to integrate with Microsoft Exchange.

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**Note:** The Exchange Remote API must be installed on a Windows machine. You can install the Exchange Remote API on either the Oracle WebCenter Collaboration host or on a different machine. You can run the Exchange Remote API installer before or after installing Oracle WebCenter Collaboration.

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To install the Exchange Remote API:

1. Install .NET 2.0 on the machine that will host the Exchange Remote API.  
This must be downloaded from the Microsoft Web site (<http://www.microsoft.com/>).
2. Install Microsoft Web Services Enhancement 2.0 on the machine that will host the Exchange Remote API.  
This must be downloaded from the Microsoft Web site (<http://www.microsoft.com/>).
3. Install the Exchange Remote API. For details, see [Section A.1, "Running the Exchange Remote API Installer."](#)
4. Enable Groupware integration using Oracle WebCenter Configuration Manager. This step cannot be completed until after you run the Oracle WebCenter Collaboration installer. For more information on enabling Groupware integration, see Oracle Fusion Middleware Administrator's Guide for Oracle WebCenter Collaboration.

### A.1 Running the Exchange Remote API Installer

This section describes how to run the Exchange Remote API installer.

To run the Exchange Remote API installer:

1. Double-click the installation file **WebCenterCollaborationExchangeRemoteAPI\_10.3.0.1.0.exe**. This file is located in the Collaboration CD or download, in the same directory as the **WebCenterCollaboration\_10.3.0.1.0.exe** installation file.
2. Complete the following installer screens:

**Table A-1 Exchange Remote API Installer Screens**

| <b>Installer Screen</b>          | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction                     | Provides general information on using the installer.                                                                                                                                                                                                                                                                                                                                       |
| Installation Folder              | Accept the default installation folder or select a different folder in which to install the Exchange Remote API.                                                                                                                                                                                                                                                                           |
| Select IIS Web Site              | Choose to deploy to the Default Web Site or another Web site.                                                                                                                                                                                                                                                                                                                              |
| Specify IIS Web Site Information | If you choose to deploy the Exchange Remote API to a Web site other than the default Web site, enter the IIS Web site name, HTTP, and HTTPS ports.<br><br><b>Note:</b> If the name you enter is not the name of an existing IIS Web site, a new Web site is created. If the Web site already exists, the secure and non-secure ports will be changed to the entries made in the installer. |
| Pre-Installation                 | Confirm the installation folder.                                                                                                                                                                                                                                                                                                                                                           |
| Summary                          | Click <b>Install</b> .                                                                                                                                                                                                                                                                                                                                                                     |
| Install Complete                 | Choose to restart the system now or restart it manually. The system must be restarted to complete the installation.<br><br>Click <b>Done</b> .                                                                                                                                                                                                                                             |

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## Silent Properties File

When you install Oracle WebCenter Collaboration, the installer creates the file `ptcollab_silent.properties` in the directory where Oracle WebCenter Collaboration is installed. Once you have created a silent properties file on one computer, you can reuse it when you install Oracle WebCenter Collaboration on other computers so that you do not have to re-enter deployment information every time you use the installer. During a “silent” install, the information required by the installation dialogs is read from the properties file.

A silent install may be run from the command line as follows:

```
<full_Path_To_Installer>/WebCenterCollaboration_<version> -f
<full_Path_To_Properties_File>/ptcollab_silent.properties
```

For example:

```
<full_Path_To_Installer>/WebCenterCollaboration_10.3.0.1.0 -f
<full_Path_To_Properties_File>/ptcollab_silent.properties
```

A silent install can be useful for distribution of the product across a uniform set of machines.



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# Uninstalling Oracle WebCenter Collaboration

This appendix discusses how to uninstall Oracle WebCenter Collaboration.

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**Note:** Performing an uninstallation removes the core application from the Oracle WebCenter Collaboration host machine. Removing Oracle WebCenter Collaboration image service files from the Image Service host machine is not supported.

---

---

## C.1 Uninstalling Oracle WebCenter Collaboration on UNIX/Linux

To uninstall Oracle WebCenter Collaboration on UNIX and Linux platforms, launch the uninstaller for Oracle WebCenter Collaboration 10.3.0.1 by navigating to: /uninstall/ptcollab/10.3.0 (if you installed in the default location, this directory is in /opt/bea/alui) and running the command `./uninstallWebCenter_Collaboration`.

## C.2 Uninstalling Oracle WebCenter Collaboration on Windows

To uninstall Oracle WebCenter Collaboration on Windows, use **Add/Remove Programs** to remove **Oracle WebCenter Collaboration**.



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# Index

## C

---

Collaboration  
  uninstalling, C-1  
collaboration.pte  
  importing, 2-2, 3-6  
Configuration Manager  
  launching, 3-4  
  setting the password, 3-3  
  starting Collaboration services, 3-8

## D

---

defaults  
  Oracle WebCenter Configuration Manager port  
    number, 3-3  
diagnostics utility  
  running, 3-8

## H

---

hardware  
  minimum requirements, 1-1

## I

---

install\_dir default, 3-3  
installer screens  
  Exchange Remote API, A-1  
  Oracle WebCenter Collaboration, 3-3

## M

---

migration package  
  importing, 2-2, 3-6

## O

---

Oracle WebCenter Collaboration  
  uninstalling, C-1  
Oracle WebLogic Server  
  deploying Collaboration, 3-4

## P

---

prerequisites, 1-1

## S

---

software  
  minimum requirements, 1-1

## U

---

upgrade, 3-1  
upgrade paths, 2-1, 3-1

## V

---

verifying installation, 3-8

## W

---

Web Services Enhancement 2.0  
  installation, A-1

