

Oracle® WebCenter Sites

Community Upgrade Guide

11g Release 1 (11.1.1) Bundled Patch 1

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Oracle® WebCenter Sites: Community Upgrade Guide, 11g Release 1 (11.1.1) Bundled Patch 1

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About This Guide

This guide describes the process of upgrading Oracle WebCenter Sites: Community 11gR1 to Community 11gR1 Bundled Patch 1, running on Oracle WebCenter Sites 11gR1.

Applications discussed in this guide are former FatWire products. Naming conventions are the following:

- *Oracle WebCenter Sites* is the current name of the application previously known as *FatWire Content Server*. In this guide, *Oracle WebCenter Sites* is also called *WebCenter Sites*.
- *Oracle WebCenter Sites: Community* is the current name of the application previously known as *FatWire Community Server*. In this guide, *Oracle WebCenter Sites: Community* is also called *Community*, or the *Community application*.

Audience

This guide is for installation engineers and anyone else who has experience installing and configuring WebCenter Sites: Community.

Related Documents

For more information, see the following documents for the 11gR1 Bundled Patch 1 release, available at <http://docs.oracle.com>:

- *WebCenter Sites Release Notes*
- *WebCenter Sites Certification Matrix*
- *WebCenter Sites Upgrade Guide*
- *WebCenter Sites: Community Release Notes*
- *WebCenter Sites Installation Guide for the Community Application*

Conventions

The following text conventions are used in this guide:

- **Boldface** type indicates graphical user interface elements that you select.

- *Italic* type indicates book titles, emphasis, or variables for which you supply particular values.
- `Monospace` type indicates file names, URLs, sample code, or text that appears on the screen.
- **Monospace bold** type indicates a command.

Third-Party Licenses

Oracle WebCenter Sites and its applications include third-party libraries. For additional information, see *Oracle WebCenter Sites 11gR1 Bundled Patch 1: Third-Party Licenses*.

Chapter 1

Before You Upgrade

This guide is written for experienced Community installation engineers. Before upgrading, read this guide to gain an understanding of the upgrade strategy, prerequisites, and procedures.

This chapter contains the following sections:

- [Planning the Upgrade Process](#)
- [Pre-Upgrade Steps](#)
- [Changes During the Upgrade Process](#)

Planning the Upgrade Process

Note

If your Oracle WebCenter Sites installation will not be upgraded to 11gR1 Bundled Patch 1, do not upgrade the Community application. The upgraded version runs on WebCenter Sites 11gR1 Bundled Patch 1 and does not provide changes to any major features. The main purpose of upgrading Community is to ensure compatibility with WebCenter Sites 11gR1 Bundled Patch 1.

In a production environment, upgrades disrupt the operation of active systems and may result in extended downtime. To minimize such disruptions, Oracle highly recommends adopting the strategy outlined in this section when upgrading Community 11gR1 to 11gR1 Bundled Patch 1.

Note

This guide uses the term “active” to denote any management and production servers that are currently serving widgets and whose unexpected downtime will affect business and productivity of the organization.

Before upgrading an active Community environment, it is critical to perform a trial upgrade on a duplicate environment. The trial upgrade will help you detect and document system-specific issues and correct them in advance of the actual upgrade. If a duplicate environment is not available, start by upgrading the management and delivery (production) systems. Note that this approach is highly risky; it should not be attempted unless extended downtime is deemed acceptable.

Pre-Upgrade Steps

This guide is written for experienced Community installation engineers. Before upgrading to WebCenter Sites Community 11gR1 Bundled Patch 1, complete the following steps:

- Read the rest of this guide to familiarize yourself with the upgrade prerequisites and procedures.
- Read the following guides from the 11gR1 Bundled Patch 1 release, available at <http://docs.oracle.com>:
 - *WebCenter Sites Release Notes*
 - *WebCenter Sites Certification Matrix*
 - *WebCenter Sites Upgrade Guide*
 - *WebCenter Sites: Community Release Notes*
 - *WebCenter Sites Installation Guide for the Community Application*
- Upgrade your Content Server 7.6 Patch 2 or WebCenter Sites 11gR1 environment to WebCenter Sites 11gR1 Bundled Patch 1 (after successfully upgrading to WebCenter

Sites 11gR1 Bundled Patch 1, you will upgrade Community to 11gR1 Bundled Patch 1):

- Stop all WebCenter Sites and Community application servers.
- Back up your Content Server 7.6 Patch 2 or WebCenter Sites 11gR1 environment. Ensure that you back up the database. For detailed instructions, see the *Backup and Recovery Guide* for your Content Server or WebCenter Sites installation.
- Upgrade to version 11gR1. For instructions, see the *WebCenter Sites 11gR1 Bundled Patch 1 Upgrade Guide*.

Note

When securing the Central Authentication Service (CAS) application by adding approved service URLs to the white list, add the Community URLs (for both management and production Community applications) to both the management and production CAS configurations.

- Back up your Community 11gR1 environment:
 - Back up your current Community management and production `cos.war` or `Community.ear` files, and `cas.war` or `cas.ear` files.
 - Back up the Community installation directory (and the WebCenter Sites database, if it is not already backed up). In the post-upgrade process, you will use the backed-up installation directory and database to reapply the customizations they may contain.

Changes During the Upgrade Process

Upgrading from WebCenter Sites Community to WebCenter Sites Community 11gR1 Bundled Patch 1 does not provide changes to any major features. The main purpose of this release is to ensure compatibility with WebCenter Sites 11gR1 Bundled Patch 1. Details can be found in release notes.

Chapter 2

Upgrading Community to 11gR1 Bundled Patch 1

This chapter contains instructions for upgrading a Community 11gR1 environment to Community 11gR1 Bundled Patch 1, running on Oracle WebCenter Sites 11gR1.

This chapter contains the following sections:

- [Upgrade Notes](#)
- [Upgrading the Community Environment](#)
- [Verifying the Upgraded Environment](#)

Upgrade Notes

Before starting the steps in this section:

- Ensure that you have read [Chapter 1](#), “Before You Upgrade” and performed the steps applicable to your environment.
- Keep in mind the following: In a clustered environment all members need to be upgraded before you verify the installation.

Upgrading the Community Environment

In this section, you will run the Community 11gR1 Bundled Patch 1 installer on instances of Community Server 11gR1:

1. Extract the Community 11gR1 Bundled Patch 1 installer archive into a temporary directory and run the installer script:

- On Windows: **cosInstall.bat b**
- On Unix: **./cosInstall.sh**

2. For the installation directory, specify the existing installation directory. The installer detects the settings used in the previous installation. Adjust them if needed. See the *WebCenter Sites Installation Guide for the Community Application* for details.

Once the installation is complete, you will have created Community application files ready for deployment.

3. Community standalone configuration files, which are added to the application server's classpath, do not have any changes in 11gR1 Bundled Patch 1. So, it is unnecessary to update them to new versions generated by this upgrade. However, if the configuration files were stored in the default location, they will be automatically replaced with default versions. The default locations are:

- `<cos_install_dir>\deploy\management\management_node1`
- `<cos_install_dir>\deploy\production\production_node1`

If these standalone configuration files were customized and stored in default locations, they can be restored from the backed-up installation directory.

4. If your current Community application has manual configurations (such as proxy settings in the `setup_proxy.properties` file, Social login and Sharing settings in `setup_auth.properties` file), manually adjust the necessary files inside the newly created `war/ear` files with the requested changes (used custom settings can be found in the backed-up `war/ear` files).
5. Once manual configuration is completed, redeploy the new applications to the application servers. Check the following Community application logs during the upgrade processes and during post-upgrade testing:
 - Management log: `cos_managment.log`
 - Production logs: `cos_production.log` and `cas_production.log`
 - Application server logs

If an error occurs, you can trace its source by reviewing the logs.

Verifying the Upgraded Environment

Complete the following steps on each Community instance (management and production) in the upgraded environment.

Note

If you have a cluster, begin with the primary cluster member, and then test each secondary cluster member. Finally, test the cluster via the load balancer.

1. Log in to the WebCenter Sites Community application as a Moderator.
2. Launch the status page of the management and production servers, and verify that no errors are shown on the status page.
3. Test the WebCenter Sites Community Admin interface and all functions that are routinely used during normal operations. For example, deploy the Comments, Reviews, Polls, and Rating widgets to the target site, post a few comments, reviews, ratings, and vote in a poll.
4. Test the deployed widgets.

