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## Introduction

Learn about new features, enhancements, known issues, deprecated and intent to deprecate items, for Oracle WebCenter Content.

This document contains the release information for Oracle WebCenter Content 12c (12.2.1.4.0). Oracle recommends you review its contents before installing or working with the product.

### Note:

Oracle WebCenter Content and Oracle WebCenter Content: Records are incompatible variations of the underlying content server infrastructure. They cannot be leveraged within the same instance. The Records components can only be enabled within a dedicated instance.

### What's New

To know about the new features and enhancements in this release, see *What's New for Oracle WebCenter Content*.

### Known Issues

For known issues in Oracle WebCenter Application Adapters, Oracle WebCenter Content, and Oracle WebCenter Enterprise Capture, see *Known Issues for Oracle WebCenter Content*.

### Product Documentation

The complete suite of Oracle WebCenter Content documentation is available at the [Oracle WebCenter Content](#) Oracle Help Center page.

## Intent to Deprecate

The following features will be deprecated in a future release:

- Support of Desktop integration with Lotus Notes
- Check Out And Open component that is used to open content items from the Content Server directly in a WebDAV-compliant native application
- Scan feature in ADFUI that is used to scan files using a TWAIN-compliant scanner
- Upload/download applet-based options used to upload and download from Native UI

## Deprecated Items

WebCenter Content features that are deprecated.

### Deprecated in Release 12.2.1.4.0

- Site Studio Publisher is deprecated.
- Kofax Capture Export Connector, which was used to transfer content to WebCenter Content is deprecated.
- SharePoint Connector, which was used to transfer content from the SharePoint library to Oracle WebCenter Content is deprecated.



#### Note:

Remote Intradoc Client (RIDC), which provides an API for communication with Oracle WebCenter Content Server can be leveraged. See [Using RIDC to Access Content Server](#).

- Folders\_g component, which was providing a hierarchical folder interface to content in the Content Server is deprecated. However, FrameworkFolders component also provides a hierarchical folder interface for organizing, locating, managing repository content and its metadata, should be leveraged.

 **Note:**

Before upgrading to 12.2.1.4.0, users from a previous release should migrate to FrameworkFolders. As part of Readiness checks, the Upgrade Assistant checks for deprecated components and also checks before the Schema upgrade step. If Folders\_g is in use and the component for it enabled, the upgrade will not proceed.

- BarcodeUtilityMobile, a bar code scanner software for mobile devices is no longer supported in 12c.

**Deprecated in Release 12.2.1.3.0**

- The Digital Imaging and Communications in Medicine (DICOM) feature is deprecated. See [Deprecation of Oracle Multimedia Support for DICOM](#).
- The WebCenter Content XDS Connector allows Oracle WebCenter Content and the WebCenter Content Server to act as a repository in a Cross Enterprise Document Sharing (XDS) exchange for medical content. This XDS connector is no longer supported in this release.
- The Digital Asset Manager was configured to work with Telestream FlipFactory versions 7.1 and 7.2. In this release, due to the age of the components and security concerns around the age of the embedded jar files, the plug in for FlipFactory is no longer available in the software. However, if required, you can continue to use the components available in the previous releases. See [Working With Image and Video Conversions](#) in *Managing Oracle WebCenter Content, 12c (12.2.1.2.0)* release.
- The WebCenter Content Storage Connector for Microsoft SharePoint is deprecated. However, the existing deployments of the WCC Storage Connector for Microsoft SharePoint will continue in accordance with the Oracle Lifetime Support Policy.

**Deprecated in Release 12.2.1**

- WebCenter Content IRM
- WebCenter Content CPS (Content Portlet Suite)
- WebCenter Content SharePoint WebParts
- WebCenter Content Dynamic Converter Template Editor (Transit)
- WebCenter Content Tracker Reports
- WebCenter Content URM Adapters
- WebCenter Content Integrated JSP TomCat Support

**Deprecated in Release 11.1.1.9**

- The IPM configuration command refreshIPMSecurity is deprecated.

**Not Supported in 12c**

Ephox Editor is not included in the Site Studio component in the 12c releases, and is not released as a patch.

If you are upgrading from 11.1.1.x.0 to a higher 11g version, then upgrade the Site Studio component without uninstalling it, and Ephox Editor would still be available. With a 12c install/upgrade the Ephox Editor is lost and you will have to use the option to add your own editor as described in *Changing the Default Contributor Editor* in the *Managing Oracle Site Studio* guide.

## System Requirements and Specifications

Learn about the installation, configuration, upgrade, and issues you may encounter when installing Oracle WebCenter Content.

Oracle WebCenter Content installation and configuration will not complete successfully unless users meet the hardware and software pre-requisites before installation. See [Oracle Fusion Middleware System Requirements and Specifications](#).

### Java and Google Chrome Browser

Starting with version 45, Google's Chrome browser has dropped support for NPAPI, the technology required for Java applets.

#### Note:

When using Chrome with Java plug-in for Oracle Forms, WebCenter Content Product Line and EDQ, refer to:

<http://www.java.com/en/download/faq/chrome.xml>.

For information on supported browsers for accessing Java applets, refer to:

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>.

### Oracle WebCenter Content Certification Matrix

The certification matrix for Oracle WebCenter Content can be accessed from the [Oracle Fusion Middleware Supported System Configurations](#) page. In the table, find the .xls document for Oracle Fusion Middleware 12c Certifications.

### Downloading and Applying Required Patches

After you install and configure Oracle WebCenter Content 12c (12.2.1.3.0), there might be cases where additional patches are required to address specific known issues.

Complete the following steps to obtain a patch:

1. Log into the My Oracle Support web site at:  
<https://support.oracle.com>
2. Click the **Patches & Updates** tab.

3. Use the Patch Search area to locate patches.
4. On the Patch Search Results page, select a patch and click **Download** to download the patch.
5. Install the patch by following the instructions in the README file that is included with the patch.

### Licensing Information

Licensing information for Oracle Fusion Middleware is available at:

[http://docs.oracle.com/cd/E55108\\_01/doc.62016/e56762/GUID-7E0656D6-74A7-4B9E-A5E0-0167730DBDF0.htm](http://docs.oracle.com/cd/E55108_01/doc.62016/e56762/GUID-7E0656D6-74A7-4B9E-A5E0-0167730DBDF0.htm)

Detailed information regarding license compliance for Oracle Fusion Middleware is available at:

<http://www.oracle.com/technetwork/middleware/ias/overview/index.html>

## Upgrading Oracle WebCenter Content

For upgrade information, see:

- Upgrading Oracle WebCenter Content
- Upgrading Imaging and Process Management from 11g to 12c
- Upgrading Oracle Universal Records Management from 11g to 12c

### Upgrade restriction in unpatched PS5 version

If a customer has a PS5 instance and has not applied the patch for bug 13723409 for changing the application name and has not configured the server which reflects the changed application name, then it doesn't meet the pre-upgrade configuration and upgrade should not be tried as the CS schema will not be discovered.

The workaround to upgrade this type of PS5 instance is to configure the server correctly.

- Install the patch which contains bug 13723409 for the application name change to: Oracle Universal Content Management - Content Server.
- Verify the patch install by redeploying the CS application in the existing domain. If there was no existing CS application in the domain then the new CS application will be created with the new application name. This will ensure that the CS schema gets discovered.

### Installing Oracle WebCenter Content

For more information about Oracle WebCenter Content installation and configuration, see About Oracle WebCenter Content Installation in *Installing and Configuring Oracle WebCenter Content* guide.

## Rebranding Information

Learn about the new and short names of the Oracle WebCenter Content products and features.

Oracle Enterprise Content Management Suite was rebranded to Oracle WebCenter Content in the Oracle Fusion Middleware 11g (11.1.1.6.0) release. Oracle WebCenter Content is part of the Oracle WebCenter product stack, to provide the most complete, open, and unified enterprise content management platform.

The software and documentation for most of the Oracle WebCenter Content products have been rebranded accordingly.

New Name	New Short Name	Previous Name	Previous Short Name
Oracle WebCenter Content	None	Oracle Enterprise Content Management Suite	Oracle ECM
Oracle WebCenter Content	WebCenter Content	Oracle Universal Content Management	Oracle UCM
Oracle WebCenter Content Server	Content Server	Oracle Content Server	Content Server
Oracle WebCenter Content: Inbound Refinery	Inbound Refinery	Oracle Inbound Refinery	Oracle IBR
Oracle WebCenter Content: Records	Records	Oracle Universal Records Management	Oracle URM
Oracle WebCenter Content: Desktop	Desktop	Oracle UCM Desktop Integration Suite	Oracle DIS

### Oracle WebCenter Enterprise Capture

Oracle WebCenter Capture was rebranded to Oracle WebCenter Enterprise Capture in the Oracle Fusion Middleware 11g (11.1.1.9.0) release. Capture is still the short product name.

## Oracle WebCenter Content for Mobile Devices Release Information

Learn information about Oracle WebCenter Content release for mobile devices.

Oracle WebCenter Content for mobile devices release information is available at:

<https://itunes.apple.com/us/app/oracle-webcenter-content/id701199944?mt=8>

<https://play.google.com/store/apps/details?id=com.oracle.webcenter.content.android&hl=en>

## Component for Clearing sysadmin Trash and Restoring Expired Documents

The `FoldersExpiredItemsRestore` component does a one-time job of clearing the trash folder of the `sysadmin` user and restoring the expired content items from this trash

folder to their original or corresponding parent folders while retaining the items' **Expired** status. After completing the restore operation, the component deletes this trash folder if it is empty. In case the parent folders are missing, the content items with the **Expired** status are restored to a newly-created folder under the root folder.

 **Note:**

- Once the FoldersExpiredItemsRestore component is run successfully, it doesn't matter if it remains enabled or disabled as it has done its one-time job.
- Customers who have installed Oracle WebCenter Content October 2022 or a later bundle patch will not be able to delete folders that include expired content, so they'll be notified through an appropriate message.
- Oracle advises you to **not use** the `sysadmin` user explicitly as it is an internal user.

## Transparent Data Encryption Support

Transparent Data Encryption is supported at the tablespace level for Oracle Database 19c (19.5.0.0.0).

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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Oracle Fusion Middleware Oracle WebCenter Content Release Notes, 12c (12.2.1.4.0)  
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