

## What's New for Oracle WebCenter Sites

Here's an overview of new features and enhancements added to improve your Oracle WebCenter Sites experience.

### Topics:

- [Release 12c \(12.2.1.4.0\) — April 2021](#)
- [Release 12c \(12.2.1.4.0\) — September 2019](#)
- [Release 12c \(12.2.1.3.0\) — August 2017](#)
- [Release 12c \(12.2.1.2.0\) — October 2016](#)
- [Release 12c \(12.2.1.1.0\) — June 2016](#)

### Release 12c (12.2.1.4.0) — April 2021

Feature	Description
Deploy Oracle WebCenter Sites on Kubernetes	Oracle WebLogic Kubernetes Operator helps you deploy and manage Oracle WebCenter Sites domains in a Kubernetes environment. See <a href="#">Deploy Oracle WebCenter Sites on Kubernetes</a> .
Oracle Content and Experience Asset Synchronization using Asset Picker	In WebCenter Sites, Oracle Content and Experience can now be configured to provide just those assets that the content contributors need for building sites. This feature co-exists with a similar feature that allows for synchronizing the entire Oracle Content and Experience content with WebCenter Sites. See: <ul style="list-style-type: none"><li>• <a href="#">Configuring Your Attribute Editor to Pick Oracle Content and Experience Assets</a></li><li>• <a href="#">Configuring Oracle Content and Experience Instances in a Website</a></li><li>• <a href="#">Working with Oracle Content and Experience</a></li></ul>

### Release 12c (12.2.1.4.0) — September 2019

Feature	Description
Timeline	<p>Timeline available in the Preview window of the Contributor interface gives you the ability to go back in time, retrieve an asset from a publish destination and, view it in the present.</p> <p>You can display the historical page by loading revisions of the content and template that were available at the given date. This feature allows content contributors to view how the content and the design of a web page looked in the past. Contributors can also preview the web page with the previous history of changes in the content..</p> <p>See:</p> <ul style="list-style-type: none"> <li>• <a href="#">Enabling Timeline Preview</a></li> <li>• <a href="#">Guidelines and Limitations for Previewing Assets in Timeline Mode</a></li> </ul>
Publishing Content from WebCenter Sites to Oracle Content and Experience	<p>You can configure WebCenter Sites to publish its content to Oracle Content and Experience. Oracle Content and Experience delivers the WebCenter Sites content across non-web channels such as Oracle Marketing Cloud, chatbots. This feature promotes content reuse and consistent messaging.</p> <p>See:</p> <ul style="list-style-type: none"> <li>• <a href="#">Publishing Content from WebCenter Sites to Oracle Content and Experience</a></li> </ul>
Google Analytics Account	<p>You can now configure dedicated Google Analytics accounts for different sites in WebCenter Sites and use them to create A/B tests for the respective sites</p> <p>You can now configure dedicated Google Analytics accounts for different sites in WebCenter Sites and use them to create A/B tests for the respective sites.</p> <p>See:</p> <ul style="list-style-type: none"> <li>• <a href="#">Configuring Google Analytics Account for A/B Testing</a></li> </ul>
Multiple Eloqua Instances	<p>You can now configure multiple Eloqua instances in WebCenter Sites and use them for different business units of your organization.</p> <p>See:</p> <ul style="list-style-type: none"> <li>• <a href="#">Configuring Eloqua Instances in WebCenter Sites</a></li> </ul>
Password Strength for New and Updated Users	<p>The passwords for new users you create and for those users whose records you update must now be at least 8-character, and these passwords must contain lowercase, uppercase, special characters, and numerals.</p>
NIO	<p>Improved performance for NIO environments.</p>
New predefined function of Vanity URL	<p><code>getPagePath(long, java.lang.String, java.lang.String, boolean)</code> gets URL of the Page Asset based on the hierarchy in <code>SiteNavigation</code>. If the boolean parameter is <code>true</code>, then it converts the spaces in the URL to "-".</p>

## Release 12c (12.2.1.3.0) — August 2017

Feature	Description
Bluekai Integration	<p>Bluekai helps you tap into the numerous anonymous visitors who visit your site. Enabling Bluekai integration with WebCenter Sites allows you to customize your website with online interests of site visitors, including ones who are anonymous.</p> <p>See:</p> <ul style="list-style-type: none"> <li>• Administering Bluekai Integration</li> <li>• Configuring Bluekai Type of Segments</li> <li>• Types of Segments</li> <li>• How do I create BlueKai segments?</li> <li>• Setting BlueKai Campaigns</li> <li>• Properties in the Bluekai Category</li> </ul>
Content Cloud Integration	<p>Oracle Content and Experience Cloud (Content Cloud) is a cloud-based content hub that lets you manage your content wherever you are, keeping all your files at your fingertips at home, in the office, at the airport, or in a hotel, halfway across the world. With the integration of Content Cloud with WebCenter Sites, you can share, collaborate, process, and manage your content easily and effectively.</p> <p>See:</p> <ul style="list-style-type: none"> <li>• Administering Content Cloud Integration</li> <li>• Working with Content Cloud</li> <li>• Properties in the Content Cloud Category</li> </ul>

#### Other Noteworthy Changes in Release 12c (12.2.1.3.0)

Feature	Description
Lucene Indexing Test	<p>You can use the Lucene Indexing Test tool to test the performance of Lucene indexing, either on shared file system, that is (&lt;cs_install_dir&gt;/Shared/lucene) or on NIO (Non-blocking I/O), that is sharefs://Shared/lucene. The results of these tests are compared against benchmark results.</p> <p>See Lucene Indexing Test.</p>

## Release 12c (12.2.1.2.0) — October 2016

There are no new features in this release.

## Release 12c (12.2.1.1.0) — June 2016

Feature	Description
Content Audit Report	The Content Audit report provides an overall picture of the content management system at any given time. It provides details about the content managed, published, content in workflow, as well as the authors working on the content. See: <ul style="list-style-type: none"> <li>Working With Content Audit Reports</li> <li>Customizing Content Audit Reports</li> </ul>
History Tab	The History tab, available in the Inspect view of the Form mode of an asset, displays the different actions performed on an asset, such as created, edited, check out, check in, approve and so on. See About History Tab.
A/B Testing	The Oracle WebCenter Sites: A/B Testing feature enables marketers to experiment with design and content variations on website pages and determine which variations produce the optimal results, before making permanent changes to the website. See: <ul style="list-style-type: none"> <li>Developing for A/B Testing</li> <li>Administering A/B Testing</li> <li>Working with A/B Testing</li> <li>A/B Testing Properties</li> </ul>
MVC Framework	Oracle WebCenter Sites provides a Model-View-Controller (MVC) framework and Java APIs for developing server-side websites, as well as REST APIs for building websites rendered on the client side. See: <ul style="list-style-type: none"> <li>Website Development with the MVC Framework and APIs</li> <li>Developing a Server-Side Website</li> <li>Developing a Client-Side Website</li> </ul>
Upgrade support	The upgrade support from Oracle WebCenter Sites 11g (11.1.1.8.0) and 12c (12.2.1.0.0) releases is available in 12c (12.2.1.1.0). For more information, see Upgrading WebCenter Sites from 11g to 12c.

### Other Noteworthy Changes in Release 12c (12.2.1.1.0)

Feature	Description
Core Properties	Properties under the Core category are created by WebCenter Sites during installation. The properties include database configuration properties, installation properties, and properties that specify the type of system you are running. Added the following core properties: <ul style="list-style-type: none"> <li>wcsites.assethistory.enabled</li> <li>wcsites.diskspacewarningemail</li> <li>wcsites.diskspacewarningsize</li> </ul> See Properties in the Core Category.

Feature	Description
Eloqua Integration Properties	<p>Properties under the Eloqua Integration category are related to integrating the Eloqua Cloud Marketing Service (Eloqua) with Oracle WebCenter Sites. Integrating Eloqua with WebCenter Sites provides marketers with the ability to converge the visitor's online experience with their marketing campaigns, as well as more effectively manage the visitor journey. The integration eliminates content duplication and streamlines content targeting across channels. Added a new section on Eloqua integration properties. See Properties in the Eloqua Integration Category.</p>
Engage Properties	<p>Engage is a WebCenter Sites marketing component that enables WebCenter Sites users to create assets that collect visitor data, define visitors into segments, recommend products and content to visitors based on segments, and run promotions that apply to all or specific segments. Properties categorized under the Engage category enable administrators to manage the visitor data collected by Engage assets, and configure the options marketers can choose from when creating Engage assets. Added the following Engage properties:</p> <ul style="list-style-type: none"> <li>• <code>sessionvisitor.attributes.driver</code></li> <li>• <code>sessionvisitor.attributes.password</code></li> <li>• <code>sessionvisitor.attributes.user</code></li> <li>• <code>vis.useSessionVisitorConnection</code></li> <li>• <code>sessionvisitor.attributes.url</code></li> </ul> <p>See Properties in the Engage Category.</p>
Security Properties	<p>Properties in the Security category determine how security is configured on both the management and the delivery systems. Additionally, Security properties with the sub category Content Security allow you to configure content security protection for websites developed through WebCenter Sites. Added the following Security properties:</p> <ul style="list-style-type: none"> <li>• <code>X-XSS-Protection</code></li> <li>• <code>X-Content-Type-Options</code></li> </ul> <p>See Properties in the Security Category.</p>
User Properties	<p>Properties under the User category in the WebCenter Sites <code>wcs_properties.json</code> file are related to implementing WebCenter Sites users. This includes creating and registering user names with LDAP and the WebCenter Sites database tables. Added the <code>jndi.context.referral</code> property. See Properties in the User Category.</p>

## 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.

---

Oracle® Fusion Middleware What's New for Oracle WebCenter Sites, 12c (12.2.1.4.0)

E95317-03

Copyright © 2016, 2021, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software" or "commercial computer software documentation" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.