Product Release Information

Product: ANI Sakai CLE
Release Number: 2.9.4
Release Date: May 2, 2014
Customer Support: For more information, please visit the ANI Support Portal.

Overview

Version 2.9.4 of the ANI Sakai CLE improves the performance, stability, and usability of the CLE. It includes a variety of enhancements as well as several critical bug fixes. This release is based on version 2.9.3 of community Sakai, with selected backported patches from community Sakai 10.

Release Highlights

LTI (Learning Tools Interoperability)
This release includes support for version 2.0 of the LTI specification developed by IMS. The Sakai CLE is the first LMS to provide support for this latest specification, which allows for more advanced integration with external learning resources.

Mobile Access
The 2.9.4 release also includes phase 1 improvements from Project Keitai, which focuses on making Sakai “mobile-ready,” so native applications can be created to enhance the mobile experience in Sakai. Mobile access has been improved for the following tools:

- Announcements
- Assignments
- Calendar
- Clog
- Forums
- Gradebook
- Lesson Builder
- Lessons (Melete)
- Membership
- News
- Profile
- Roster
- Syllabus
- Web Content

Google Drive Integration
With this release, the ANI Sakai CLE can be configured for integration with Google Drive, utilizing Google’s OAuth 2.0 and the Google Drive API. This integration updates the current Google Docs integration, which lets users access and link to Google documents from within the Resources tool.

Note: The current Google Docs integration utilizes OAuth 1.0, which Google will no longer support as of April 20, 2015. If your CLE instance has been configured for linking to Google
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documents, you’ll need to configure the new Google Drive integration before then. Keep in mind that after the transition to OAuth 2.0, users will need to update all existing links to Google documents. For more information, see Transitioning to OAuth 2.0.

Sakai Tool Enhancements
This release includes the following Sakai 10 improvements for tools in the ANI Sakai CLE:

Announcements
- Announcement reordering is enabled by default.

Assignments
- Peer review--instructors can allow student scoring and comments for an assignment. An instructor sets the review period after the due date and can provide review instructions for students via rich text editor; the instructor can also make reviews anonymous, choose whether students can see peer reviews of their submissions, and remove specific peer reviews.

- A notification email can be sent to a student when the assignment grade is released and resubmission is available.

- Turnitin--a property has been added to force selection of "Single File Upload Only" for student submission when an instructor opts to use Turnitin; the integration can also be configured for additional Turnitin settings when adding or editing an assignment, to exclude bibliographic/quoted materials and small matches.

Drop Box
- An instructor can upload a single file to multiple selected student dropboxes.

Forums
- A property has been added to set default start/end times for forums.

Lesson Builder
This release adds the Sakai 10 version of the Lesson Builder tool. Enhancements include:

- The interface has been improved, with all content options in the toolbar grouped in a single "Add Content" menu and some options relabeled for clarity.

- On the index of pages, users can view the list of content items for all or specific pages.

- Support for embedded content includes HTML5 and all embed codes, and JOembed is used to support many video sharing sites.

- Embedded content and text items can be set to require prerequisites.

- A permission has been added to allow content access regardless of release controls.

Syllabus
This release adds the Sakai 10 version of the Syllabus tool. Enhancements include:

- A redesigned interface with a "table of contents" view that lets students easily access and expand specific syllabus items, without scrolling the entire syllabus.
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- Instructors can drag and drop to reorder syllabus items, as well as edit specific syllabus items inline from the table of contents view.
- Syllabus items can be created/updated in bulk.
- Start and end dates for syllabus items can be added and included in Calendar tool.

Other Enhancements
The 2.9.4 release also includes the following improvements.

General
- A new date picker implementation has been added, to create constancy throughout various Sakai tool's date and time selection mechanisms.

Neoportal
- Improvements have been made to the ANI neoportal skin.
- Support for Google Analytics has been added to neoportal.

Web Services
- As a replacement for Apache Axis 1.4, new Apache CXF endpoints have been created.

CLE Platform Requirements

Supported Platforms and Browsers
For information about the platform/browser combinations we have tested and currently support, see ANI Sakai CLE: User Platform & Browser Compatibility.

ANI Sakai CLE Server System Requirements

<table>
<thead>
<tr>
<th>Component</th>
<th>Supported Versions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Server</td>
<td>● Tomcat 7.0.39</td>
</tr>
<tr>
<td>Web Server</td>
<td>● Apache 2.2.16+</td>
</tr>
<tr>
<td>Java JDK</td>
<td>● Version 1.7</td>
</tr>
<tr>
<td>Database Server (RDBMS)</td>
<td>● MySQL 5.1.60, 5.5.18</td>
</tr>
<tr>
<td></td>
<td>● Oracle 10g+</td>
</tr>
<tr>
<td>Database Driver</td>
<td>● MySQL mysql-connector-java-5.1.18-bin.jar</td>
</tr>
<tr>
<td></td>
<td>● Oracle ojdbc6.jar*</td>
</tr>
</tbody>
</table>

*We recommend version 11.2.0.4 or later due to known issues with LTI Admin (External Tools)
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Bug Fixes

The 2.9.4 release includes 26 fixes for the following issues.

(Note: To learn more about a particular issue, contact our support team with the appropriate issue key. You may also click on a link for a related community issue.)

Assignments
• In Windows 7 (via Firefox or Chrome), zip file for "Upload All" feature does not upload (CLE-11046)
• When grading an assignment targeted to a group, the list of students will not display unless the "submit to assignments" (asn.submit) permission is enabled (CLE-10731)

Discussion Forums (JForum)/Gradebook
• If integration with Gradebook is enabled and grading by category is selected, an error occurs in Gradebook (CLE-10949)

Forums
• When navigating from one topic to another, the permissions for the previous topic still display (CLE-10995)

General
• MessageService is throwing null pointer exceptions (CLE-10971)
• Changes to site information made by editing the Site Information Display on the home page only take effect after logout/login (CLE-10953)
• Tags for "deleted text" (del tag) and "inserted text" (ins tag) are getting filtered out (CLE-10892)
• Guest access email is showing property names in text (CLE-10904)
• For Assignments tool, entity picker should not break when attachment isn't available (CLE-11071)

Job Scheduler
• A CM or SIS job should not be executed if a previous instance is still running, and instead a warning in the log should be provided (CLE-11012)

Lesson Builder
• For graded comments on student content pages, a negative score or score greater than the maximum can be entered (CLE-11065/LSNBLDR-367)
• YouTube URL will not embed on page (CLE-11064/LSNBLDR-366)
• An ungraded short answer question will always show as incorrect if the text doesn't match exactly against possible answers (CLE-11063/LSNBLDR-363)
• Fix URL caching bug (CLE-11061/LSNBLDR-371)
• Editing an embedded YouTube video results in an error (CLE-10994)
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**Lessons (Melete)**
- Inserting a link via the rich text editor takes an excessively long time (CLE-11059)
- In Internet Explorer (IE) 9 browser, when attempting to create a link in the rich text editor, a window opens but there are no options available (CLE-11013)
- Date picker returns dates not in i18n format, resulting in error (CLE-10841)

**Mailtool**
- Using the "Add Other Recipients" option results in error (CLE-10939)

**Profile**
- When adding a birthday, manual entry is not allowed (CLE-10988)

**Rich text editor**
- Using the "Flash" button to upload an swf file, the generated HTML is filtered for security and the movie cannot be inserted (CLE-10991)
- When using the editor for Site Information Display, the Server Browser window defaults to a user's My Workspace resources instead of the current site (CLE-10964)

**Syllabus**
- Unable to add syllabus items (CLE-11068)

**Tests & Quizzes**
- If you use the rich text editor to include a table in a question and then add that question to a pool, the pool does not display properly and you cannot copy any questions from the pool to an assessment (CLE-11007/SAM-1983)
- Timed assessments are auto-submitted after the allowed time has elapsed (CLE-10981)

**Web Services**
- Activity web services return dates in a format that makes it impossible to differentiate AM or PM (CLE-11021)