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The *edX Course Staff Release Notes* provide a cumulative list of changes that affect course authoring in edX Studio and the edX Learning Management System.

This document contains a page for each update to the edX system, which includes both *edx.org* and *edX Edge*. Each page contains information on new or changed documentation, as well as new features and changes in edX Studio, the edX Learning Management System, Discussion Forums, Analytics, accessibility, and more.

You can sign up for the new *edX Release Announcements mailing list* to get an email message when we have updated the edX Course Staff Release Notes.
1.1 Read Me

This document is created using RST files and Sphinx. You, the user community, can help update and revise this documentation project on GitHub:


To suggest a revision, fork the project, make changes in your fork, and submit a pull request back to the original project: this is known as the GitHub Flow. All pull requests need approval from edX. For more information, contact edX at docs@edx.org.

1.2 Preface

Course teams, researchers, developers, students: the edX community includes groups with a range of reasons for using the platform and objectives to accomplish. To help members of each group learn about what edX offers, reach goals, and solve problems, edX provides a variety of information resources.

To help you find what you need, browse the edX offerings in these categories:

- Resources for Course Teams
- Resources for Researchers
- Resources for Developers
- Resources for Students

All members of the edX community are encouraged to make use of any of the resources described in this preface.

1.2.1 System Status

For system-related notifications from the edX operations team, including outages and the status of error reports. On Twitter, you can follow @edxstatus.

Current system status and the uptime percentages for edX servers, along with the Twitter feed, are published on the edX Status web page.
1.2.2 Resources for Course Teams

Course teams include faculty, instructional designers, course staff, discussion moderators, and others who contribute to the creation and delivery of courses on edx.org or edX Edge.

Documentation

Documentation for course teams is available on the docs.edx.org web page.

- **Building and Running an edX Course** is a comprehensive guide with concepts and procedures to help you build a course in edX Studio, and then use the Learning Management System (LMS) to run a course.
  
  When you are working in edX Studio, you can access relevant sections of this guide by clicking Help on any page.

- edX Course Staff Release Notes summarize the changes in each new version of the edX Studio and LMS software.

- Creating a Peer Assessment describes features for students to provide peer- and self- evaluations of responses to a question. Note that this new feature is in limited release.

These guides open in your web browser. The left side of each page includes a Search docs field and links to that guide’s contents. To open or save a PDF version, click v: latest at the lower left of the page, then click PDF.

Email

To receive and share information by email, course team members can:

- Sign up to receive monthly newsletters.
- Sign up to receive release notes for every release.
- Join the openedx-studio Google group to ask questions and participate in discussions with peers at other edX partner organizations and edX staffers.

Wikis and Web Sites

The edX product team maintains the Open edX Product wiki, which includes the Open edX Public Product Roadmap. The edX Author Support site hosts discussions that are monitored by edX staffers.

1.2.3 Resources for Researchers

Data for the courses on edx.org and edX Edge is available to the “data czars” at our partner institutions, and then used by database experts, statisticians, educational investigators, and others for educational research.

Documentation

The edX Research Guide is available on the docs.edx.org web page.

This guide opens in your web browser, with a Search docs field and links to that guide’s contents on the left side of each page. To open or save a PDF version, click v: latest at the lower left of the page, and then click PDF.
Email

To receive and share information by email, researchers can join the openedx-analytics Google group to ask questions and participate in discussions with peers at other edX partner organizations and edX staffers.

Wiki

The edX Analytics team maintains the Open edX Analytics wiki, which includes links to periodic release notes, the Open edX Public Product Roadmap, and other resources for researchers.

1.2.4 Resources for Developers

Software engineers, system administrators, and translators work on extending and localizing the code for the edX platform.

Documentation

Documentation for developers is available on the docs.edx.org web page.

- edX Developer Documentation collects information directly from edX platform python docstrings. The topics in this guide include guidelines for contributing to Open edX, options for extending the Open edX platform, using the edX public sandboxes, instrumenting analytics, and testing.
- Installing, Configuring, and Running the edX Platform provides procedures for getting an edX developer stack (Devstack) and production stack (Fullstack) operational.
- XBlock: Open edX courseware components provides preliminary documentation on the XBlock component architecture for building courses.

GitHub

There are two main edX repositories on GitHub.

- The edx/edx-platform repo contains the code for the edX platform.
- The edx/configuration repo contains scripts to set up and operate the edX platform.

Additional repositories are used for other projects. Our contributor agreement, contributor guidelines and coding conventions, and other resources are available in these repositories.

Email and IRC

To receive and share information by email, developers can join these Google groups to ask questions and participate in discussions with peers and edX staffers.

- For conversations about the code in Open edX, join edx-code.
- For conversations about running Open edX, join openedx-ops.
- For conversations about globalization and translation, join openedx-translation.

Additional Google groups are occasionally formed for individual projects.

Note: Please do not report security issues in public. If you have a concern, please email security@edx.org.
EdX engineers often monitor the Freenode #edx-code IRC channel.

**Wikis and Web Sites**

The code.edx.org web site is an entry point for new contributors.

The edX Engineering team maintains the Open Source Home wiki, which provides insights into the plans, projects, and questions that the edX Open Source team is working on with the community.

The pull request dashboard is a visualization of the count and age of the pull requests (PRs) assigned to teams at edX. Click the bars in this chart to get more information about the PRs.

### 1.2.5 Resources for Students

**In a Course**

All edX courses have a discussion forum where you can ask questions and interact with other students and with the course team: click Discussion. Many courses also offer a wiki for additional resources and materials: click Wiki.

Other resources may also be available, such as a course-specific facebook page or twitter feed or opportunities for Google hangouts. Be sure to check the Course Info page for your course as well as the Discussion and Wiki pages.

From time to time, the course team may send email messages to all students. While you can opt out of these messages, doing so means that you may miss important or time-sensitive information. To change your preferences for course email, click edX or edX edge at the top of any page. On your dashboard of current courses, locate the course and then click Email Settings.

**From edX**

To help you get started with the edX learning experience, edX offers a course (of course!). You can find the edX Demo course on the edX web site. EdX also maintains a list of frequently asked questions and answers.

If you still have questions or suggestions, you can get help from the edX support team: click Contact at the bottom of any edX web page or send an email message to info@edx.org.

For opportunities to meet others who are interested in edX courses, check the edX Global Community meetup group.

### 1.3 August 12, 2014

The following information reflects what is new in the edX Platform as of August 12, 2014. See previous pages in this document for a history of changes.

**1.3.1 edX Release Announcements Mailing List**

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we update the edX Course Staff Release Notes.
1.3.2 edX Studio

- This release includes a redesigned user experience for publishing.
  - The process for creating, releasing, and updating content has been streamlined and simplified.
  - Visual cues are now present on the Course Outline page and on individual unit pages to indicate whether your content is published and whether students can see it.
  - You can select the Hide from students check box on a unit page at any time to immediately remove that unit from student view.
For more details and a comparison between the new publishing workflow and the previous workflow, see our most recent edX Product and Engineering Newsletter.

- A graphical user interface is now available for creating and maintaining open response assessment problems.

You now define the open response assessment rubric in the following page:
You now define settings for the open response assessment in the following page:
A new setting, **Enable video caching system**, is now available on the **Advanced Settings** page. When set to true (the default), HTML5 videos use video caching. (BLD-1207)

### 1.3.3 edX Learning Management System

- When course discussions are closed, the **New Post** button is no longer included in discussion components. (FOR-108)
- When an incomplete course URL was entered in a browser, the error page that displayed included incorrect information. This defect has been corrected. (LMS-11189, LMS-11205)

### 1.3.4 Coming Soon

We’re pleased to announce these upcoming changes, which will release in the next few weeks:

- In addition to the existing Discussion post type, course discussions will soon include a new Question post type. Students and course teams will also be able to filter posts to find unanswered questions easily.
- A new user experience design for course discussions is coming! The new user interface controls will provide consistent methods for taking action on posts. A set of colorful badges will also make it easier to identify posts.
- A new bulk publishing feature will soon be available to enhance the changes that you see to the publishing workflow today. With bulk publishing, the process of releasing your course content to students will be significantly streamlined.
1.3.5 edX Documentation

The following documentation is available:

- Building and Running an edX Course

  Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.

  Recent changes include:

  A new section, Developing Your Course, that provides documentation on using the new publishing workflow and the enhanced outline and unit pages. These enhancements resulted in extensive changes to the organization and content of this guide.

- Creating Peer Assessments

  Recent changes include:

  The Create an Open Response Assessment Assignment chapter has been completely revised to document the work you do in Studio to create and test this assignment type.

- edX Research Guide
- edX Developer’s Guide
- edX XBlock Documentation
- Installing, Configuring, and Running the edX Platform

1.3.6 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.4 August 7, 2014

The following information reflects what is new in the edX Platform as of August 7, 2014. See previous pages in this document for a history of changes.

1.4.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.4.2 edX Studio

- When you add an Advanced component to a unit in Studio, an identifying name for every available component is now included in the list of Advanced Components. If the component does not have a defined display name, its category name appears on this list. Previously, components that did not have a display name did not appear as an option in the list.
1.4.3 edX Learning Management System

- On the Instructor Dashboard, the Course Info page now includes the number of students who selected each certification track (Verified, Honor, or Audit) in addition to the total number of enrollees in the course.
- For email messages sent from the Instructor Dashboard, two additional features are available.
  - On the Email page, you can now click Sent Email History to see a list of sent messages, and click on a message subject to review its complete text.
  - When you review a previously sent message, the new Copy Email to Editor option duplicates the title and body of that message so that you can use it as the basis for a new message.

1.4.4 edX Data & Analytics

- Daily event tracking data files are now available for download from the Amazon S3 storage service. Weekly, cumulative event logs will remain available for several weeks.
- A defect that caused session ID values to be duplicated for certain events has been fixed. All browser events, and server enrollment events, include a value for the session. (AN-2369)

1.4.5 Coming Soon

We’re pleased to announce two upcoming features that will release in the next few weeks:
- In Studio, new capabilities will make it easier for course authors to edit and publish content. We’ve simplified the publishing workflow and added clear indications to the UI so you’ll know at a glance whether your content is published and released—and whether students can see it.
- In addition to the existing Discussion post type, course discussions will soon include a new Question post type. Students and course teams will also be able to filter posts to find unanswered questions easily.

1.4.6 edX Documentation

The following documentation is available:
- Building and Running an edX Course
  Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.
- edX Research Guide
  Recent changes include:
  The new Data Delivered in Data Packages chapter describes the compressed and encrypted data files that make up a data package, the locations of those files on the Amazon S3 storage service, and the files that data czars extract from the packages after download.
- edX Developer’s Guide
- edX XBlock Documentation
- Installing, Configuring, and Running the edX Platform
1.4.7 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.5 July 30, 2014

The following information reflects what is new in the edX Platform as of July 30, 2014. See previous pages in this document for a history of changes.

1.5.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.5.2 edX Studio

• In some versions of Internet Explorer, users could not edit plain HTML in HTML components. This problem has been fixed.

• Problem components have a new Correct or Past Due setting. With this setting, course staff can configure a problem so that students can only see the answer if they have answered the problem correctly or the problem’s due date has passed.

1.5.3 edX Website

• On the edX.org sign-up page, the Public Username field is now above the Password field.

• In the student dashboard, the appearance of the user profile area in the left pane has changed.

  Former user profile area:
Current user profile area:
We’re pleased to announce two upcoming features that will release in the next few weeks:

- In Studio, new capabilities will make it easier for course authors to edit and publish content. We’ve simplified the publishing workflow and added clear indications to the UI so you’ll know at a glance whether your content is published and released—and whether students can see it.

- In addition to the existing Discussion post type, course discussions will soon include a new Question post type. Students and course teams will also be able to filter posts by unanswered questions.

The following documentation is available:

- **Building and Running an edX Course**

  Click **Help** in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.


1.5.6 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.6 July 23, 2014

The following information reflects what is new in the edX Platform as of July 23, 2014. See previous pages in this document for a history of changes.

1.6.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.6.2 edX Studio

- On the Create a New Course page, additional information is now available below the Course Name field. (STUD-2001)

- Instructors can use a new Invitation Only advanced setting to limit course enrollment to a specific group. If this setting is set to True, potential students see an “Enrollment in this course is by invitation only” message on the course About page. By default, this setting is set to False. (LMS-2670)

1.6.3 edX Documentation

The following documentation is available:

- Building and Running an edX Course

  Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.

  Recent changes include:

  - A set of example messages to students is now available in the Course Launching Activities chapter.

  - A Grade Ranges and Certificates section is now available in the Establishing a Grading Policy chapter.

- edX Research Guide
- edX Developer’s Guide
1.6.4 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.7 July 21, 2014

The following information reflects what is new in the edX Platform as of July 21, 2014. See previous pages in this document for a history of changes.

1.7.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.7.2 edX Studio

- In edX Studio, URL formats have changed. If you previously bookmarked a page in Studio, that bookmark will no longer work. You must update the URL.

  Following is a sample of this format change:

  - Old URL: https://studio.edx.org/unit/location:MITx+7.00x+2013_SOND+vertical+Coming_Soon_Explore_a_Protein
  - New URL: https://studio.edx.org/unit/i4x://MITx/7.00x/vertical/Coming_Soon_Explore_a_Protein

  This change does not affect student-visible URLs.

- In open response assessments, instructors can now create assignments that allow students to upload an image file as well as write a text response. For more information, see Creating Peer Assessments.

- In open response assessments, instructors can now create a criterion that includes a field for comments, but no options. For more information, see Creating Peer Assessments.

- In some cases, deleting a unit from a subsection caused server errors. This bug has been fixed. (STUD-1962)

1.7.3 edX Learning Management System

- The Instructor Dashboard Analytics tab now includes the number of students who interacted with the course by visiting pages, playing videos, contributing to discussions, submitting answers to problems, or completing other course activites. The active student count is updated each week.

- Some links on the right side of the course wiki appeared to be disabled. This has been fixed. (LMS-1308)

- Forum posts created by anonymous users appeared with a “by Staff” label. This bug has been fixed. (FOR-156)
When a student selected Post anonymously to classmates check box in the forums, the post appeared as anonymous to both students and staff. This bug has been fixed. (FOR-122)

1.7.4 edX Documentation

The following documentation is available:

- Building and Running an edX Course
  Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.
  Recent changes include:
  - The Running Your Course section now includes a Participating in Course Discussions chapter that provides information for both students and staff.
  - The Discussions chapter has been updated to reflect changes in the UI.

- edX Research Guide
  Recent changes include:
  - The Track Student Activity section has been added to the Student Data chapter.

- edX Developer’s Guide
  - The link to the Ubuntu installation instructions has been updated.

- edX XBlock Documentation

- Installing, Configuring, and Running the edX Platform

1.7.5 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.8 July 10, 2014

The following information reflects what is new in the edX Platform as of July 10, 2014. See previous pages in this document for a history of changes.

1.8.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.
1.8.2 edX Studio

- In some situations, when you changed your browser’s language to any language other than English, Studio did not save changes to video URLs in the Video component. This bug has been fixed.
- Every setting on the Advanced Settings page now has a user-friendly name and a description.

1.8.3 edX Learning Management System

- In Internet Explorer, an “Only secure content is displayed” security warning sometimes appeared in courseware. This bug has been fixed. (LMS-2892)
- When you selected a topic for a new post in the discussion forum, topic names in the discussion forum topic list sometimes appeared with unexpected formatting. This bug has been fixed. (FOR-578)
- The Discussions user interface is updated to include labels for pinned and staff-initiated threads in the discussion list, as shown in the following example:

![Discussion Forum Image]

1.8.4 edX Documentation

The following documentation is available:
- Building and Running an edX Course
Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.

Recent changes include:

- Updated The Course End Date to specify when students can earn and access certificates.

• edX Research Guide

Recent changes include:

- In the Tracking Logs chapter, corrected an error in the description of the edx.forum.search event, updated the seek_video event, and added the stop_video event.
- Added the Keys and Credentials for Data Transfers chapter.

• edX Developer's Guide
• edX XBlock Documentation
• Installing, Configuring, and Running the edX Platform

1.8.5 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.9 June 25, 2014

The following information reflects what is new in the edX Platform as of June 25, 2014. See previous pages in this document for a history of changes.

1.9.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

You can also sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.9.2 edX Studio

XBlocks that have been accepted into the edX platform can now be added to courses as either advanced problems or advanced components. As a result, Peer Assessments is now listed as a problem type on the Advanced tab in a Problem component. For more information, see Creating Peer Assessments.

1.9.3 edX Learning Management System

- In some courses, an error prevented the full output that is available from an external grader for a coding problem from appearing. This error has been corrected. (LMS-2852)
- In Discussions, you can now search by username to access a list of the discussion posts made by another user. (FOR-627)
1.9.4 edX Documentation

The following documentation is available:

- Building and Running an edX Course
  
  Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.
  
  - Instructions for adding a table of contents for a video file are now available in the Video Table of Contents section. (BLD-933)
  
  - The example report in the Download or view student data section now includes the new User ID column.

- edX Research Guide
- edX Developer's Guide
- edX XBlock Documentation
- Installing, Configuring, and Running the edX Platform

A Preface that identifies resources for course teams, developers, researchers, and students was added to Building and Running an edX Course, the edX Research Guide, and the edX Developer's Guide this week.

1.9.5 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.10 June 17, 2014

The following information reflects what is new in the edX Platform as of June 17, 2014. See previous pages in this document for a history of changes.

1.10.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

In addition, you can sign up for the edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.10.2 edX Studio

- For videos, you can now create a transcript file that functions as a table of contents. The file contains links to different parts of the video. (BLD-933)
• Course teams can now set the Matlab API key globally in the advanced settings for the course.

1.10.3 edX Learning Management System

• Mandarin Chinese has been added as a language option.

• When you search a discussion forum, the search engine now retrieves common misspellings and alternate spellings of the search term. (FOR-591)

• When a course has no content, users who try to access the course see a “No content has been added to this course” message rather than a 404 or 500 error message.

• The edX user ID is now included in student profile information. (LMS-2791)

1.10.4 edX Documentation

The following documentation is available:

• Building and Running an edX Course

  Click Help in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.

  Recent changes include:

  – Updated Bulk Email to add information about possible bulk email states and situations in which enrolled students don’t receive bulk e-mail. (DOC-362)

  – Added a description of the Student Gradebook, which is available for courses with enrollments of fewer than 200 students, to Grade and Answer Data.

  – Added recommendation to use only .mp4 and .webm video formats to Working with Video Components.
– Updated Working with Video Components with information about adding a transcript that serves as a table of contents for a video.

- edX Research Guide
- edX Developer’s Guide
- edX XBlock Documentation
- Installing, Configuring, and Running the edX Platform

Recent changes include:
– Added the Installing the edX Production Stack section.

1.10.5 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.11 June 10, 2014

The following information reflects what is new in the edX Platform as of June 10, 2014. See previous pages in this document for a history of changes.

1.11.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

In addition, you can sign up for the new edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.

1.11.2 The New Key Introspection API

This release implements a change in the edX Platform software architecture. The Key Introspection API is now used to uniquely identify Xblocks, the building blocks for edX courses. This change simplifies the way that the application identifies the course content internally. This change does not affect how you author content.

In edX Studio, URL formats have changed for all courses. If you previously bookmarked a page in Studio, that bookmark will no longer work. You must update the URL.

Following is a sample of this format change:

- New URL: https://studio.edx.org/course/slashes:OrganizationX+Econ101+2014_T1

This change does not affect student-visible URLs.

In the edX LMS, the only change is that to reset attempts or rescore student responses in the Student Admin tab on the Instructor Dashboard, you must now specify the complete location identifier of the problem. The Student Grades and Grading section is updated with this revised requirement.
For additional technical detail about this architectural change and the opportunities it creates, see Opaque Keys on the GitHub wiki.

1.11.3 edX Learning Management System

- A problem with the Register button on edX Edge is fixed. If you are not logged in to edX Edge, you are redirected to the login page, from which new users can register.

- If a student’s browser does not support HTML5 videos, and the course video is only available in HTML5, the following error message is now displayed to the student: This browser cannot play .mp4, .ogg, or .webm files. Try using a different browser, such as Google Chrome. (BLD-638)

- Video transcripts are now displayed correctly on iPads. (BLD-1033)

Accessibility Improvements

- Drag and drop problems are updated to improve accessibility for screen readers:
  - User interface elements that receive focus now have a visual focus indicated. (LMS-1940)
  - Each user interface element now exposes its name, state, role, and value to assistive technologies. (LMS-1904)
  - The target image now has an alt attribute. (LMS-1699)

1.11.4 edX Documentation

The following documentation is available:

- Building and Running an edX Course

  Click Help button in the upper-right corner of any page in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.

  Recent changes include:

  - Added a description of email task workflow states to the Course Launching Activities section.
  - Added Review Grades for Enrolled Students (Small Courses) to the Student Grades and Grading section.
  - Updated Working with Video Components to include recommendations to use .mp4 and .webm video formats for browser compatibility.
  - Revised the Student Grades and Grading section based on the new requirement to specify the complete location identifier of a problem to adjust student grades.
  - Updated the Problem with Adaptive Hint section to reflect formatting requirements for the Python script and the correct_answer attribute.
  - Reorganized, updated, and streamlined these sections in the Running Your Course chapter:
    * Divided “Grade and Answer Data” into separate sections for Student Grades and Grading and Answer Data.
    * Moved information about the student Progress page from the “Checking Student Progress and Issuing Certificates” section to Student Grades and Grading.
    * Renamed the “Checking Student Progress and Issuing Certificates” section to Assign Final Grades and Issue Certificates.
• Creating Peer Assessments

This is a new document that covers using Open Response Assessments 2.0.

• edX Research Guide

Recent changes include:

Added descriptions of the following events to the Tracking Logs chapter:

- edx.course.enrollment.upgrade.clicked
- edx.course.enrollment.upgrade.succeeded
- edx.forum.searched
- load_video
- hide_transcript
- show_transcript
- problem_reset
- problem_graded

• Installing, Configuring, and Running the edX Platform

This is a new document that covers installing and running Devstack.

• edX Developer's Guide

• edX XBlock Documentation

1.11.5 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.12 May 20, 2014

The following information reflects what is new in the edX Platform as of May 20, 2014. See previous pages in this document for a history of changes.

1.12.1 edX Release Announcements Mailing List

These edX Course Staff Release Notes are always available and are updated with each release of the edX Platform on edx.org and edX Edge.

In addition, you can sign up for the new edX Release Announcements mailing list to get an email message when we have updated the edX Course Staff Release Notes.
1.12.2 edX Studio

- This release introduces context-sensitive online help to Studio. You can click Help in the upper-right corner to get more information about the Studio page you are viewing. You can also click links that appear in the right panel on some pages.

A page in edX’s continuously updated documentation that is related to the Studio page you are viewing opens in a new browser tab or window:

![Help in the upper-right corner](image)

A problem in a small number of XML-authored courses that caused the video transcript download button to not work for students is fixed. If your course was one of the courses affected, you must re-import the course in Studio to enable transcript downloads. (BLD-1014)

A problem that prevented users with only course staff privileges from importing courses is resolved. (STUD-1595)
1.12.3 edX Documentation

The following documentation is available:

- **Building and Running an edX Course**
  
  Click the Help buttons in the edX Studio user interface to access relevant sections in this guide. You can also download the entire guide as a PDF.
  
  Recent changes include:
  
  Updated Working with Video Components to reflect UI changes.

- **edX Research Guide**

  Recent changes include:
  
  – Added an event list, an alphabetical list of events with links to the Tracking Logs chapter.
  
  – Updated the Tracking Logs chapter to provide a standardized structure for delivering information about events and address problems with table formatting.

- **edX Developer’s Guide**

  Updated the Analytics section to include information on documenting and debugging events.

- **edX XBlock Documentation**

1.12.4 Other edX Resources

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

1.13 May 15, 2014

The following information reflects what is new in the edX Platform as of May 15, 2014. See previous pages in this document for a history of changes.

1.13.1 edX Documentation

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- **Building and Running an edX Course**

  You can also download the guide as a PDF from the edX Studio user interface.
  
  Recent changes include:
  
  – Updated the Running Your Course chapter to remove references to the “new beta” Instructor Dashboard.
  
  – Updated Enrollment section to reflect that usernames or email addresses can be used to batch enroll students.
– Updated Grade and Answer Data section to include new features in the problem Staff Debug viewer for rescoring, resetting attempts, and deleting state for a specified student.

– Updated Staffing section to explain the labeling differences between Studio and the LMS with respect to course team roles.

– Updated Assign Discussion Administration Roles section to include a note about course staff requiring explicit granting of discussion administration roles.

– Added the VitalSource E-Reader Tool section.

– Updated Add Files to a Course section to include warnings about file size.

– Updated the LTI Component section to reflect new settings.

• edX Research Guide

  Recent changes include:

  Updated Tracking Logs section to include events for course enrollment activities: edx.course.enrollment.activated and edx.course.enrollment.deactivated.

• edX Developer’s Guide

  Recent changes include:

  Added an Analytics section for developers.

• edX XBlock Documentation

1.13.2 edX Studio

• A problem that prevented you from hiding the Wiki in the list of Pages when using Firefox is resolved. (STUD-1581)

• A problem that prevented you from importing a course created on edx.org into edX Edge is resolved. (STUD-1599)

• All text in the Video component UI has been updated for clarity. (DOC-206)

1.13.3 edX Learning Management System

• The Instructor Dashboard that appears to course teams by default in the LMS has changed. The Instructor Dashboard that appears when you click Instructor is now the “New Beta” dashboard. The “Standard” dashboard remains available; a button click is required to access it. The two dashboard versions are also relabeled in this release. The version that was previously identified as the “New Beta Dashboard” is now labeled “Instructor Dashboard”, and the version previously identified as the “Standard Dashboard” is now labeled “Legacy Dashboard”. (LMS-1296)

• Previously, when a student clicked Run Code for a MatLab problem, the entire page was reloaded. This issue has been resolved so that now only the MatLab problem elements are reloaded. (LMS-2505)

1.13.4 edX Analytics

• There is a new event tracking API for instrumenting events to capture user actions and other point-in-time activities in Studio and the edX LMS. See Analytics for more information.
1.14 May 12, 2014

The following information reflects what is new in the edX Platform as of May 12, 2014. See previous pages in this document for a history of changes.

1.14.1 edX Documentation

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- **Building and Running an edX Course**
  You can also download the guide as a PDF from the edX Studio user interface.
  Recent changes include:
  - Updated Drag and Drop Problem information.
  - Updated the Discussions chapter to include a topic on closing discussions.
  - Expanded the Grade and Answer Data chapter to include a topic on interpreting the score histograms for problems.
  - Added documentation for the IFrame Tool

- **edX Research Guide**
  Recent changes include:
  - Corrected misstatement on how Discussion Forums Data is sent in data packages.
  - Added enrollment events to Tracking Logs.
  - Removed obsolete information about XML formats for problems.

- **edX Developer’s Guide**

- **edX XBlock Documentation**

1.14.2 edX Studio

- In certain rare situations, users were not able to edit a draft unit without making it Private. This problem is resolved. (STUD-1485, STUD-1499)

- When you created problems with two inputs, the label for the second input was not preserved in the Advanced Editor. This problem is resolved. (STUD-1524)

1.14.3 edX Learning Management System

- Students registered for an honor code certificate now see their registration track on the Dashboard. (LMS-1071)
1.15 April 30, 2014

The following information reflects what is new in the edX Platform as of April 30, 2014. See previous pages in this document for a history of changes.

1.15.1 edX Documentation

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

• Building and Running an edX Course
  
  You can also download the guide as a PDF from the edX Studio user interface.

  Recent changes include:
  – Updated Show or Hide the Course Wiki Page to include a note about Wiki content being available after you hide the Wiki page.
  – Updated label information and added XML information to Problem with Adaptive Hint
  – Updated Beta Testing a Course to reflect feature changes.
  – Expanded the Grade and Answer Data to include topics on interpreting the grade reports and student progress page.
  – Updated Working with HTML Components to reflect changes to the HTML component editor.
  – Reorganized information about problems into the Creating Exercises and Tools section.
  – Added more information about collecting language and location data from students to Student Data.

• edX Research Guide
  
  Added new event types to Tracking Logs for interactions with PDF files.

• edX Developer’s Guide
  
  Recent changes include:
  
  Added the section Contributing to Open edX

1.15.2 edX Studio

• The HTML component editor is updated to provide a raw HTML editing option. For more information, see Working with HTML Components. (STUD-1562)

• You can now upload a handout that is associated with a video directly in the Video component editor. Open the Advanced tab in the Video component editor, and use the Upload button to find and add a file from your computer:
1.15.3 edX Learning Management System

- Lines in bulk email messages were not wrapped at 998 characters, which caused error messages and erroneous characters in some email programs. All lines are now wrapped at 998 characters automatically. (LMS-1466)

- Occasionally student submissions for MatLab problems are not graded successfully and the MatLab grader times out. There is now a Reset button that allows students to resubmit their answer without counting the resubmission and another attempt of the problem.

1.16 April 23, 2014

The following information reflects what is new in the edX Platform as of April 23, 2014. See previous pages in this document for a history of changes.

1.16.1 edX Documentation

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
  Recent changes include:
    - Updated Testing Your Course to include a section on how to Switch Between Studio and Your Live Course.
    - Updated Transcripts in Additional Languages in Working with Video Components.
    - In Discussions, corrected the steps to Create Discussion Categories.
    - Updated the Bulk Email section with information about the dashboard option to opt out of course email.
    - Updated the Enrollment section to reflect feature changes.

- edX Research Guide

- edX Developer’s Guide

1.16.2 edX Studio

- A problem in the HTML editor that caused custom JavaScript and CSS code to be corrupted when you saved an HTML component is now resolved. (STUD-1560)

1.16.3 edX Learning Management System

- This release includes several enhancements to the Beta Instructor Dashboard:
  - You can now enter either a username or an email address to batch add and enroll beta testers and students.
  - The Auto Enroll option is now available when you add beta testers in batch.
  - For the Batch Enrollment and the Batch Add Beta Testers features, the Auto Enroll and Notify students by email options are now selected by default.
• A problem that prevented MathJax from being displayed properly when the problem answer was shown is now resolved. (BLD-993)

1.17 April 16, 2014

The following information reflects what is new in the edX Platform as of April 16, 2014. See previous pages in this document for a history of changes.

1.17.1 edX Documentation

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

• Building and Running an edX Course

You can also download the guide as a PDF from the edX Studio user interface.

Recent changes include:

– In support of new features, added the following sections to Multiple Choice problems:
  * Shuffle Answers in a Multiple Choice Problem
  * Targeted Feedback in a Multiple Choice Problem
  * Answer Pools in a Multiple Choice Problem

– Expanded the Grade and Answer Data section to include a topic on interpreting the Student Answer Distribution report.

• edX Research Guide

• edX Developer’s Guide

1.17.2 edX Studio

• Multiple Choice Problem Enhancements

Multiple choice problems now support shuffling answers, providing targeted feedback, and answer pools. See the following documentation for more information:

– Shuffle Answers in a Multiple Choice Problem

– Targeted Feedback in a Multiple Choice Problem

– Answer Pools in a Multiple Choice Problem

• When you import a large course, your browser may time out while the course is being imported. In this situation, the following message is now displayed on the Import page: Your browser has timed out but the server is still processing your import. Please wait 5 min and verify that the new content has appeared. (STUD-1283)

• In Studio, the Discussion component is updated with the following text: To view live discussions, click Preview or View Live in Unit Settings. (FOR-429)
1.17.3 edX Learning Management System

- When you enrolled students in a course on edx.org and sent a notification email message, the message included an invalid link to the course. This problem is now resolved. (LMS-2217)
- The video player now only shows the HD button when an HD video option is available. (BLD-937)

Accessibility Improvements

- The PDF viewer used for textbooks was updated and is now accessible to screen readers. (LMS-2276)

1.18 April 15, 2014

The following information reflects what is new in the edX Platform as of April 15, 2014. See previous pages in this document for a history of changes.

1.18.1 edX Documentation

You can access the edX Status page to get an up-to-date status for all services on edx.org and edX Edge. The page also includes the Twitter feed for @edXstatus, which the edX Operations team uses to post updates.

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
  Recent changes include:
    - Expanded the Course Data, Enrollment, and Staffing sections.
    - Updated Working with HTML Components to reflect the new HTML editor.
- edX Research Guide
- edX Developer’s Guide
  - Added the Custom JavaScript Applications chapter.

1.18.2 edX Studio

- HTML Editor Upgrade
  The HTML editor you use for HTML components, as well as Pages, was upgraded to improve usability.
For instructions on using the new editor to add text, images, and links, see Working with HTML Components.

1.18.3 edX Learning Management System

- New View {page} in Studio buttons are available in the LMS Staff View to make navigating between a live course and Studio easier.

For more information, see Go to Studio from Your Live Course.

- A problem that prevented course staff from deleting the student’s state for an XBlock in the Beta Instructor Dashboard is now resolved. (LMS-2491)
• All error messages that can be produced when a problem is submitted for grading are now correctly written in Javascript. These messages can now be read by screen readers, and no longer cause exception errors. (LMS-2474)

• Video transcripts are now displayed in their source language. (BLD-935)

• Video transcripts are now available for all video speeds in Firefox. (BLD-958)

1.19 April 3, 2014

The following information reflects what is new in the edX Platform as of April 3, 2014. See previous pages in this document for a history of changes.

1.19.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

• Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
  Recent changes include:
  – Expanded the Grade and Answer Data chapter to include the new Student Answer Distribution section.
  – Updated the Releasing Your Course section to include Course Launching Activities.
  – Updated the Adding Pages to a Course chapter to reflect ability to Show or Hide the Course Wiki Page.
  – Reorganized the sections Building a Course and Creating Course Content to better reflect the workflow of building a new course.

• edX Research Guide
  Recent changes include:
  – Added the Data Czar/Data Team Selection and Responsibilities chapter.

• edX Developer’s Guide
  – Added the Custom JavaScript Applications chapter.

1.19.2 edX Studio

• You can now choose to hide or show the Wiki in your course, by using a control in the list of course Pages. For more information, see Show or Hide the Course Wiki Page. (STUD-1375)

• A new IFrame template is now available as an option when you create a new HTML component. An IFrame allows you to integrate ungraded exercises and tools from any Internet site into the body of your course. The IFrame appears inside an HTML component, and the exercise or tool appears inside the IFrame. (BLD-678)

• You can now upload video transcripts for multiple languages. In the Video editor, open the Advanced tab. In the Transcript Translations section, select a language, then click Upload to select the transcript file from your computer. Click Add and repeat this process for additional languages. (BLD-751)
1.19.3 edX Learning Management System

• Answer Distribution Report

A downloadable report of student answer distributions is now available from the Instructor Dashboard. This report includes one row for each problem-answer combination selected by students for problems of these types:

– Checkboxes
– Dropdown
– Multiple choice
– Numerical input
– Text input
– Math expression input

The report is automatically generated on a periodic basis, so the most recently updated version of the report is available on the Instructor Dashboard. For more information, see Student Answer Distribution. (AN-590)

• Bulk Email for New Courses

Note: The bulk email feature is in limited release, and is available for new courses only. A gradual rollout of this feature is planned for 2014.

Using this feature, you can send email messages to course participants directly from the Instructor Dashboard, before, during, and after the course run. A history report of all email messages sent for your course is available. It includes the username of the sender, the recipients, the date and time sent, and the task status. For more information, see Course Launching Activities. (LMS-1035)

1.20 March 27, 2014

The following information reflects what is new in the edX Platform as of March 27, 2014. See previous pages in this document for a history of changes.

1.20.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

• Building and Running an edX Course

You can also download the guide as a PDF from the edX Studio user interface.

Recent changes include:

– An update to the Adding Pages to a Course section to reflect the new Pages functionality.
– Updated the sections on Beta Testing a Course, Discussions, Grade and Answer Data, and Student Data with changes to the new Instructor Dashboard.

• edX Research Guide

Recent changes include:

– Addition of the user_api_usercoursetag table to the Student Info and Progress Data chapter.
– Addition of the assigned_user_to_partition and child_render event types to the Tracking Logs chapter.
– Alternative formatting for the examples in the Discussion Forums Data chapter.

• edX Developer’s Guide

1.20.2 edX Studio

• The previous Static Pages feature has been renamed Pages. You can now see the default pages and re-order custom pages in your course. For more information, see Adding Pages to a Course. (STUD-1193, STUD-1346)

1.20.3 edX Learning Management System

• You can now batch add beta testers to your course. The UI for adding beta testers has been expanded. See Add the Beta Testers for more information. (LMS-1287)
• When you enroll students, the process now checks that the email addresses are valid and gives you a message for those that are invalid. (LMS-2244)
• In certain situations, the MatLab console tried to display malformed HTML, causing it stop functioning. This problem is resolved. (BLD-948)

Accessibility Improvements

• Problem response feedback is now accessible to screen readers. (LMS-2158)
• The styles of all objects are now the same when the student hovers over the object with the mouse and when the student uses the tab key to focus on the object. (LMS-2352)

1.20.4 edX Discussions

• Students previously were able to pin and unpin discussion threads. Privileges have been fixed and students can no longer pin and unpin threads. (FOR-499)
• Students’ discussion accounts were previously set to use the language EN-US by default. Accounts are now set to use students’ language setting. (FOR-532)

1.21 March 18, 2014

The following information reflects what is new in the edX Platform as of March 18, 2014. See previous pages in this document for a history of changes.

1.21.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:
• Building and Running an edX Course

You can also download the guide as a PDF from the edX Studio user interface.

Recent changes include:
  – Getting Started
  – Building a Course
  – Creating Course Content
  – Creating Exercises and Tools
  – Releasing Your Course
  – Running Your Course
  – Information for Your Students

• edX Research Guide

Recent changes include:
  – Certificate Data

• edX Developer’s Guide

### 1.21.2 edX Studio

• In the HTML editor, when you entered a `<style>` element, the editor sometimes stopped responding. This problem is resolved. (STUD-1434)

### 1.21.3 edX Learning Management System

• Course staff could not re-score a problem in the standard Instructor Dashboard. This issue is resolved. (LMS-2327)

• In the Beta Instructor Dashboard, the button for listing enrolled students is now only enabled for courses with fewer than 200 students. (LMS-1203)

• In the Beta Instructor Dashboard, you can now use edX usernames as well as email addresses to set roles for course administrators. (LMS-1438)

• The student Progress page now works correctly for graded XBlocks. (LMS-2349)

• For MatLab problems, when the code exceeded the size of the entry field, the scroll bars stopped working. This problem is resolved. (LMS-2387)

• A problem that in certain situations caused the video transcript button to disappear when you changed the video speed is resolved. (BLD-915)

• Students using Firefox browsers were only able to select 1.0 as the video speed. Firefox users can now select all available speed options. (BLD-895)

### 1.21.4 edX Analytics

• A problem that prevented the delivery of data research packages of courses with Unicode characters in the organization name is resolved. (AN-657)
1.21.5 edX Discussions

- A problem that prevented students from viewing discussion components within a unit when cohorts were configured is resolved. (FOR-523)

1.22 March 11, 2014

1.22.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.

  Recent changes include:
  - The Course Start Date
  - The Course End Date
  - Add a Course Image
  - Add a Course Introduction Video
  - Describe Your Course
  - Create or Obtain a Video Transcript

- edX Research Guide
- edX Developer's Guide

1.22.2 edX Studio

- When you edited an HTML component in a Chrome browser, a problem sometimes caused text that you edited in Visual view to not be updated in HTML view. This problem is resolved. (STUD-1336)

- A problem that caused images to not appear in Visual view in the HTML component editor has been resolved. (STUD-1357)

1.22.3 edX Learning Management System

- A problem that caused a course that had not started to be listed as having started in the beta Instructor Dashboard is resolved. (LMS-1548)

- Course authors now have correct permissions to delete Wiki posts in their courses. (LMS-2136)

- When a video first loads but before it begins playing, the video position slider now automatically goes to the configured start time. (BLD-823)

- Students can now download transcripts as .srt or .txt files. A student selects the format below the video:
The student selects the format, then clicks Download transcript. For more information, see Create or Obtain a Video Transcript (BLD-844)

- A problem that prevented viewing videos in Firefox in full screen mode is resolved. (BLD-905)

**Accessibility Improvements**

- The Python code editor and the Wiki Add new article screen are now keyboard accessible. In the Python code editor, the Tab key adds a tab in the code; students use the Esc key to leave the code editor field. In the Wiki’s Add new article page, the Tab key navigates through the fields. (LMS-1802)
- When a user is viewing a unit page, the display name of only the first component is now used as the page and navigation title. The display names of subsequent components are not used. (STUD-1351)
- When a user views a video in full screen mode, the transcript no longer obscures the video content. (BLD-852)

**1.23 March 4, 2014**

**1.23.1 edX Documentation**

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
  Recent changes include:
  - Staff Debug Info
  - Add Files to a Course
- edX Research Guide
  Recent changes include:
  - Tracking Logs
- edX Developer’s Guide

**1.23.2 edX Studio**

- A problem that caused escaped HTML characters to be displayed incorrectly on the Course Updates page is resolved. (STUD-154)
- A problem that prevented course staff from posting in discussions when a course was deleted and recreated is resolved. (STUD-1140)
• A problem that caused the first line of an HTML component to be partially cut off in the unit page is resolved. (STUD-1380)

• The Files & Uploads page now includes an external URL for each asset. See Add Files to a Course for more information.

### 1.23.3 edX Learning Management System

• The edX registration form now validates that the Public Username field contains 30 or fewer characters, and that the E-mail field contains 75 or fewer characters. The user receives a message if the Public Username or E-mail values are too long. (LMS-1479)

• If a video is configured to start at a time other than 00:00:00, the video player now correctly starts the video at the specified start time after the video player is reset for any reason. (BLD-659)

### Accessibility Improvements

• The layout of Course Updates is improved to use semantic tagging and not just simple lists, making the page more accessible to screen readers. (LMS-1724)

• A label is added to the checkbox problem template.

• Confirmation dialog boxes for Open Response Assessments are now screen-reader accessible.

### 1.23.4 Analytics

• Problem check events now include the problem name, answer value, response type, input type, and annotations for randomized problems. (AN-587, AN-594)

### 1.23.5 Discussions

• Tooltips for pinning threads are updated so students do not see the tooltip when they cannot pin a thread, and course staff see the appropriate tooltip text. (FOR-192)

### 1.24 February 26, 2014

#### 1.24.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

• Building and Running an edX Course

  You can also download the guide as a PDF from the edX Studio user interface.

  Recent changes include:

  – Getting Started
  – Beta Testing a Course
  – Import LaTeX Code into an HTML Component
  – Establishing a Grading Policy
Recent changes include:

- Tracking Logs
- Wiki Data
- Discussion Forum Data

1.24.2 edX Studio

- Performance when you log in to Studio on edge.edx.org is improved. (STUD-1133)
- A problem that caused deleted textbooks to remain in your course is resolved. (STUD-1327)
- The following problem is resolved: When viewing a multiple choice problem in Studio, if you selected the correct answer, Studio cleared your selection and marked the problem as incorrect. This problem only occurred in Studio and did not affect students. (BLD-788)

1.24.3 Discussions

- Course staff can now delete comments made on discussion responses.

1.25 February 19, 2014

1.25.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  
  You can also download the guide as a PDF from the edX Studio user interface.

  Recent changes include:
  
  - Additional transcripts for videos.
  - Course data in the instructor dashboard.
  - Staffing data in the instructor dashboard.
  - Enrollment data in the instructor dashboard.
  - The Gene Explorer tool.

- edX Research Guide
- edX Developer's Guide
1.25.2 edX Studio

- A problem with importing a course that has conditionals into a course of a different name is now fixed. (STUD-149)

- Previously, when you canceled changes in a component, then reopened the component, your changes were still present. This problem is resolved. When you now click **Cancel** in a component, your changes since the last save are properly discarded. (STUD-235)

- A problem with changing a unit from Public to Private, which caused the error message “Studio’s having trouble saving your work. The studio servers encountered an error” is fixed. (STUD-1316)

- The workflows for adding LaTeX HTML components and problems written in LaTeX are changed. You can no longer upload LaTeX files directly from the unit page. See the following sections in documentation for more information: Import LaTeX Code into an HTML Component and Problem Written in LaTeX.

- Developers can now include key-value pairs as a configurable setting in Studio without a special interface. This will be applicable to developers adding multiple-language video transcripts, the LTI custom parameters field, or any field where possible inputs are not known at compile-time. (BLD-658)

- The **Add** button no longer becomes unavailable in some situations after you click **Clear** next to Video Sources in a Video component. (BLD-821)

- Instructors can again post non-.srt video transcripts for students to download. (BLD-837)

**Accessibility Improvements**

- Course authors can now add labels to input fields for problems, making problems more accessible to screen readers. For more information, see the chapter Working with Problem Components in Building a Course with edX Studio. (LMS-1895)

1.25.3 edX Learning Management System

- A problem that caused timeouts in large courses when loading histograms is resolved. (LMS-1199)

- When a student stops playing a video before it ends and closes the browser, the video starts from the place where the student stopped watching the next time the student views the video. (BLD-385)

1.26 February 12, 2014

1.26.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course

  You can also download the guide as a PDF from the edX Studio user interface.

Recent changes include:

- Set the Advertised Start Date
- Full Screen Image

- edX Research Guide
edX Studio Documentation, Release

- edX Developer's Guide

1.26.2 edX Studio

- The improved layout of components in a unit page now includes visual separation of the header, making clear that the display name for each component is not rendered to students.
- The new Full Screen Image tool allows students to enlarge an image, so they can see all the detail in context. You can create a full screen image with a new HTML component template. For more information, see the Full Screen Image documentation.
- If you do not change the default course start date (01/01/2030), and the advertised_start policy value is null, then the student dashboard does not now list a start date for the course. Students just see that the course has not yet started. For more information, see the Set the Advertised Start Date documentation.

1.26.3 edX Learning Management System

Accessibility Improvements

- Unnecessary section tags were removed from the student’s view of the courseware, so they are no longer announced by screen readers.
- Extraneous title blocks were removed from breadcrumbs, so they are no longer read by screen readers.
- In the student Progress tab, ordered list tags (<ol>) were replaced with <div> tags, to improve how screen readers interpret the screen.
- IDs were added to parts of the course navigation where they were missing, making it easier to skip parts of the course when using a screen reader.
- Updates to unit pages now make navigation more accessible to screen readers.
- Modal dialog boxes and script templates are now hidden from screen readers.
- Mathjax messages that are specific to Internet Explorer are no longer shown when students are using a different browser.
- Alt text was added to the course footer logo.
- The character set meta tag was added to the main course template.
- The DOCTYPE declaration was added to the top of the main course template.

1.26.4 Discussions

- The Add a Response button no longer appears in forum threads when students are not allowed to respond. (FOR-452)

1.27 February 5, 2014

1.27.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction. The following documentation is available:
• Building and Running an edX Course

You can also download the guide as a PDF from the edX Studio user interface.

Recent changes include:
  – Google Instant Hangout Tool
  – Student Data
  – Grade and Answer Data
  – Multiple Choice and Numerical Input Problem

• edX Research Guide
• edX Developer’s Guide

1.27.2 edX Studio

• The Display Name of a component is now shown if the unit is Private or a draft. For more information, see the Components documentation.

1.27.3 edX Learning Management System

• The Role element is now added to LTI components. For edX users with the Instructor role, the Instructor role is passed to LTI. EdX users with the Staff role have the Administrator role passed to LTI. All students are passed as Student to LTI. (BLD-583)

Accessibility Improvements

• The HTML language is now set by the language setting of the user’s browser. This enables screen readers to detect the current language.

• Page titles are now more descriptive, enabling screen readers to better interpret the user’s location. The page titles contain the subsection or tab, then the course, then edX. For example, a title from edX101 is Creating Video Segments | edX101 Courseware | edX.

1.27.4 Discussions

• Long discussion threads are now paginated. When a student opens the discussion thread, first 25 responses are loaded. The student can then load 100 more responses at a time. The field and button to submit a new response are always available at the bottom of the listed responses. (FOR-371)

• When you hover the mouse button over a discussion thread in the left side bar, the pop-up tool-tip now correctly displays the number of unread comments you have in the thread. (FOR-434)

1.28 January 29, 2014

1.28.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:
• Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
  Recent changes include:
    – Discussions
    – Guidance for Discussion Moderators
    – External Graders
• edX Research Guide
• edX Developer’s Guide

1.28.2 edX Studio

• In edX Studio, you can now duplicate components within a unit. See the documentation on duplicating components for more information. (STUD-1186)
• You can now use single quotation marks without escaping them when you specify option response answers. The single quotation mark must be between two alphabet characters. (LMS-2031)

1.28.3 edX Learning Management System

• A problem that caused the dashboard to not load if there were unicode or space characters in the course image has been fixed. (LMS-2073, STUD-1197)
• When a student sets the speed for a video, that speed setting is now saved and used when the student views subsequent videos. (BLD-237)
• In the Video component, the settings on the Advanced tab now include Transcript Download Allowed and Video Download Allowed, and Download Video has been merged into Video Sources to eliminate redundancy. A description of each setting is available at Video Advanced Options. (BLD-364, BLD-368)
• For numerical response problems, students can now enter negative exponents in the same ways they can enter positive exponents. For example, students can enter $4.9e-9$ or $4.9\times10^{-9}$. (BLD-434)
• For text input problems, course teams can now use regular expressions to allow some flexibility in students’ answers. For example, if a question asks students to name the birthplace of Bill Clinton, students can answer “Hope, AR”, “Hope, Arkansas”, or “Arkansas.”
• The video length now appears when a student first views the video component. The student no longer has to start the video to see the total time. (BLD-529)
• Grading in unreleased LTI components did not work correctly for users with the Beta Tester role. This problem has been resolved. (BLD-641)
• In Firefox, videos started playing from 00:00 even if the instructor specified a different start time for the video. Videos now start from the specified start time. (BLD-708)

1.28.4 Discussions

• The Discussion search field now expands when it gets focus through the keyboard. (FOR-203)
1.28.5 Open Response Assessments

- If a student submitted a response to be peer graded when the XQueue was down, the submission was lost. The LMS now prevents response submissions when the XQueue is down. Students see an error message that tells them to try to submit the response later. (ORA-197)

- Large comments in peer grading caused database issues. Comments now have a 5000 character limit, which prevents this problem. (ORA-201)

- In self assessments, students had to submit responses before the deadline for the problem passed, but didn’t have to perform the self assessment of their responses before the deadline. Students must now submit both the response to the problem and their self assessment of that response before the deadline for the problem. (ORA-202)

1.29 January 16, 2014

1.29.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.

- edX Research Guide

- edX Developer’s Guide

1.29.2 edX Studio

- In certain situations, PDF files in the course were saved with the wrong content type. PDF files are now always stored with the content type application/pdf. (STUD-878)

- The Files & Uploads page has been updated so that you can sort files on the page by file name or the date the file was uploaded to the course. (STUD-995)
  For more information, see the Add Files to a Course.

- The default Course Start Date for new courses is now 01/01/2030 GMT. This is to ensure that your course does not start before you intend it to. You must change the course start date to the date you want students to begin using the course. (STUD-1072)
  For more information, see the The Course Start Date.

- For new courses, sections and subsections now have a default release date of January 1, 2030. In this case, you must adjust the release date to the day you want students to be able to view the content. (STUD-1072)
  For more information, see the Release Dates.

1.29.3 edX Learning Management System

- When a student sets the volume for a video, that volume setting is now saved and used when the student views subsequent videos. (BLD-518)

- For Image Response problems, the correct answer now appears when a student clicks Show Answer. (BLD-633)
1.29.4 Discussion Forums

- The Vote button in the forum is now accessible by the keyboard and to screen readers. (FOR-64)

1.30 January 7, 2014

1.30.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
- edX Research Guide
- edX Developer's Guide

1.30.2 edX Studio

- The Files & Uploads page has been updated so that a maximum of 50 files now appear on a single page. If your course has more than 50 files, additional files are listed in separate pages. You can navigate to other pages through pagination controls at the top and bottom of the file list. This change improves the page performance for courses with a large number of files.
  For more information, see the Add Files to a Course.

Note: The October 29, 2013 release notes describe a workaround to limit the number of files that appear on a single page. With the January 7, 2014 release, this method is not necessary and no longer works.

- The Course Outline page is updated to include several design improvements. The new Course Outline appears as in the following example:
To see the changes, view your course in Studio or see Organizing Your Course Content.

- A template for custom JavaScript display and grading problems (also called JSInput problems) is now available. For more information, see Custom JavaScript Problem. (BLD-523) (BLD-556)
- A template for the Zooming Image tool is now available. For more information, see the Zooming Image Tool. (BLD-206)

Changes and Updates

- The Course Export tool now supports non-ASCII characters. (STUD-868)
- In the course outline, you can now drag a section to the end of the list of sections when the last section is collapsed. (STUD-879)
- In Video components, when you click inside the Start Time or End Time field, you can enter a time in HH:MM:SS format as normal text. After you click out of the field, Studio adds zeros and performs unit conversions so that the field contains six digits that correspond to hours, minutes, and seconds.
  
  For example, if you enter 1:35, the text in the field changes to 00:01:35. If you enter 2:71:35, the text changes to 3:11:35. (BLD-506 and BLD-581)
- The Save button for JSInput Problem components now works as expected. (BLD-568)

1.30.3 edX Learning Management System

- When you download grades by clicking Download CSV of answer distributions on the Instructor Dashboard, the LMS no longer returns an empty CSV for small Studio-created courses. Instead, the LMS returns a CSV that is sorted by url_name and that includes responses from students who have unenrolled from the course.
  
  Note that errors occur if you try to download grades for a large Studio-based course or an XML-based course.
• In the course wiki, the **Preview this Revision** and the **Merge selected with Current** dialog boxes are now keyboard accessible in Internet Explorer. (LMS-1539)

• On the Instructor Dashboard, when you click the Datadump tab and then click Download CSV of all student profile data, you no longer receive a 500 error message. (LMS-1675)

• For Image Response problems, the correct answer now appears when a student clicks **Show Answer**. (BLD-21)

• On iPads, the video player uses edX controls that appear after you click the video or the Play button. On iPhones, the video player uses native controls. (BLD-541)
2.1 December 18, 2013

2.1.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction. The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
- edX Research Guide
- edX Developer’s Guide

2.1.2 edX Studio

The following changes are included in this release:

- The Terms of Service are now available from a link in edX Studio. (STUD-151)
- When a course export fails due to a problem in the course XML, an error message is now displayed that points you to the source of the problem. (STUD-1013)
- Studio Dashboard performance on Edge is improved. (STUD-1039)
- In the Video component editor Advanced tab, the Clear button next to the HTML 5 Transcript field, shown below, now correctly removes the transcript. (BLD-438)
• The Drag and Drop problem template, available in the Advanced list when you are creating a new problem, is updated to demonstrate the updated drag and drop functionality. (BLD-479)

• You can now rearrange LTI components as expected. (BLD-543)

### 2.1.3 edX Learning Management System

The following changes are included in this release:

• Grade reports in .csv files that you download form the Instructor Dashboard can now handle Unicode characters. (LMS-197)

• For courses using OpenID, the user’s Full Name is now returned in the Full Name field, not the username. (LMS-750)

• A problem that prevented the listing of course staff in the Instructor Dashboard is fixed. (LMS-1599)

• Image mapping problems now work correctly in Internet Explorer. (BLD-413)

• A problem that sometimes prevented students from opening an e-reader in another browser window is resolved. (BLD-465)

### 2.1.4 Discussion Forums

The following changes are included in this release:

• The text formatting buttons in the forum post editor are now keyboard accessible. Students and staff can tab through the buttons and activate a button with the Enter or space key.
2.2 December 9, 2013

2.2.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
- edX Research Guide
- edX Developer's Guide

2.2.2 edX Studio

- You can now allow multiple strings as correct answers to text response problems. (BLD-474)

The following changes are included in this release:

- If you entered invalid HTML in the Course Handouts, you were not able to edit the Course Handouts to fix the HTML. This problem is resolved (STUD-293)
- When you created a new video, you received a 500 error and could not import a timed transcript. This problem is resolved. (BLD-530)
- In Internet Explorer 9.x, when you locked and unlocked assets, the Save notification was not displayed. This problem is resolved. (STUD-815)
- In Firefox, when viewing a unit, you could not select and copy the unit identifier. This problem is resolved. (STUD-863)
- When you viewed problems within Studio, italics did not render properly. This problem is resolved. (STUD-963)

2.2.3 edX Learning Management System

The following changes are included in this release:

- All dialog boxes in the Wiki are now fully accessible to screen readers. (LMS-1337)
- The reset password function allowed others to determine valid usernames. This problem is resolved. [DETAILS] (LMS-1507)
- If a user registered for a verified certificate, then switched to audit the course, the student remained listed as signed up for a verified certificate. This problem is resolved. (LMS-1526)
- In code response questions, the button to hide the output is now shown for each test case, so students do not need to scroll through all test cases to get to the button to hide all output. (BLD-126)
- The calculator tooltips now show all options for inputing numbers. (BLD-400)
- The video player now alerts screen readers when the video is over. (BLD-488)
- Numerical input problems now support mathematical operations. (BLD-525)
- The calculator tooltips are now fully accessible to screen readers. (BLD-533)
2.2.4 Discussion Forums

The following changes are included in this release:

- An update to enhance accessibility was made so that when users load additional forum threads, focus remains on the loading element. (FOR-238)

2.3 December 3, 2013

2.3.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

- Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
- edX Research Guide
- edX Developer’s Guide

2.3.2 edX Studio

The following Studio changes are included in this release:

- As part of a database architecture change and the implementation of a RESTful interface, URLs in Studio are changing to use a new period-separated locator syntax. This change currently affects a subset of pages in Studio. In future releases, the other pages in Studio will be changed to use the new URL syntax.
- Video transcripts now load correctly even if any part of https is in capital letters. (BLD-496)
- The Problem component now includes a template for creating checkbox problems. (BLD-193)
- In Internet Explorer 9, Save notifications now appear correctly when a user locks or unlocks assets. (STUD-815)

2.3.3 edX Learning Management System

The following changes are included in this release:

- Discrepancies in how the number of enrolled students were calculated in the Instructor Dashboard and the Beta Instructor Dashboard are fixed. Now, in all cases, the number represents the currently enrolled students. (AN-115)
- Incorrect student responses to problems are now saved after the student clicks Check. (LMS-469)
- JavaScript errors are now fixed in the Reset Password pages. (LMS-1265) The Wiki Changes page is now accessible to screen readers. (LMS-1309)
- Course staff can now set granular permissions for Wiki articles. In the main Wiki page, you can click Settings to see and set permissions. (LMS-1355)
- In the Instructor Dashboard, the Edit Course in Studio link now correctly opens the course in Studio. (LMS-1455)
- Taking a photograph for a verified certificate now works correctly. (LMS-1487)
- Links within videos no longer have a white background or obscure part of the video content. (BLD-521)
• In checkbox problems, using bold and italics no longer causes display problems. (BLD-449)
• The speed change option now works correctly in all video configurations. (BLD-457)
• A spinning icon now shows users with slow connections when a video is loading. (BLD-502)
• In the Forums, an AJAX request that results in a 500 error now informs the user to try again, instead of silently timing out. (FOR-37)

2.4 November 6, 2013

2.4.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:
• Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.
• edX Research Guide
• edX Developer’s Guide

2.4.2 edX Studio

New Features

• Improved Course Export page
  The Course Export page has a new layout, with enhanced help text.

Changes and Updates

The following changes are included in this release:
• The Forgot Password link on the Studio Sign In page now works correctly. (STUD-689)
• In the Create a New Course page Organization field, text now suggests the generic UniversityX, instead of MITx. (STUD-885)
• The Create a New Course page Course Run field, text now suggests the using the year and trimester (for example, 2014_T1), instead of the year and season. (STUD-916)
• Studio now continues working correctly when a YouTube video in the page fails to load. (STUD-472)
• To avoid potential problems with browser security, you can no longer enter video URLs with http://. You must use https://. (BLD-408)
• By default, the options to add a Problem Written in LaTex and a Problem with Adaptive Hint in Latex are no longer included in the Advanced tab of the Problems component. In addition, the option to add E-text Written in LaTeX is no longer included in the HTML component.
  To enable these options, open the Advanced Settings page and set the value of the use_latex_compiler policy key to true. (BLD-426)
Technical Changes

Contributors to the open source edX Platform should note the following change:
The Course Export page is updated to use a RESTful interface. (STUD-846)

2.4.3 edX Learning Management System

New Features

• Upgrading the Course Track
  A student in the Honor Code or Audit track can now upgrade to the Verified Certificate track. (LMS-1127)

Changes and Updates

The following changes are included in this release:

• After registering for a course, a student could use the browser’s Back button to return to the Registration page and change the registration type. Now, if the user tries to go back to the Registration page, the Learning Management System redirects the student to the courseware, where the student must unregister first to change the course mode. (LMS-1062)

• When a student fails verification for the Verified track, the Learning Management System now notifies the user through the Student Dashboard, and prompts them to retry. The student must send another set of photos, but does not have to pay again. If the student does not retry, they can get a refund. (LMS-1133)

• In the Beta Instructor Dashboard, the layout is improved and the Pending Instructor Tasks section now functions correctly. (LMS-1242)

• You can now tab through the Wiki pages without getting stuck in the content area. (LMS-1307)

• Default settings now include the generic email address @example.com instead of @edx.org. (LMS-1363)

• The user experience and help text during course registration and upgrading are enhanced, and the last day to register for verified certificates is more clear. (LMS-1384)

• Keyboard navigation is now updated in the Wiki to skip repetitive content, allowing users to go directly to unique content on a page. (LMS-1387)

• Errors that prevented the Progress page from successfully loading are fixed. (LMS-1388)

• In the Sign Up page, the Public Display Name field was renamed to Public Username. (LMS-1393)

• Errors when creating a new account are resolved. (LMS-1418)

• A typo was removed from the course registration email template. (LMS-1419)

• The Saving a Word Cloud component generated an error message. This problem no longer occurs. (BLD-205)

• When viewing a video, if a student clicked on the video timeline before or after the specified end time, the video jumped to the beginning. This problem is resolved. (BLD-392)

• Students can now change the video speed when the video is paused. (BLD-424)

• Several problems with the video player are resolved: * The Start time did not work in Flash mode. * Students could not change the speed before the video started. * The end point in the video slider was inaccurate for short videos. * The video slider showed the incorrect position after the video stopped. (BLD-468)

• Sorting of the forums thread list now works correctly when a topic is selected from the drop-down menu. (FOR-224)
• Forum follow buttons are now accessible to screen readers, have the ARIA checkbox role, and activate with the space or Enter key. (FOR-240)

2.4.4 Analytics

The following changes are included in this release:

• The user_id field is added to tracking events. (AN-213)

2.5 October 29, 2013

2.5.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction.

The following documentation is available:

• Building and Running an edX Course
  You can also download the guide as a PDF from the edX Studio user interface.

• edX Research Guide

• edX Developer’s Guide

2.5.2 edX Studio

New Features

• New video editing interface, enabling an enhanced workflow for adding timed transcripts to videos (BLD-238)

  When you enter a video URL in the Editing: Video dialog box, the system checks if a timed transcript for that video exists on edX, and if so, automatically associates the transcript with the video. If no transcript is found, you click Upload New Timed Transcript to locate and upload the .SRT file for the transcript.

  When there is an associated timed transcript, you can click Download to Edit to download a local copy of the .SRT file. You can then modify the transcript and upload the new file.

  For YouTube videos, you can also import a timed transcript from YouTube, overwriting the version of the transcript on edX with the version from YouTube.

  Backwards compatibility with the other transcript workflow is maintained with a tabbed interface.

Known Issues and Workarounds

• Uploading a large number of files (STUD-813, STUD-837)

  When you go to the Files & Uploads page, if your course has a large number of files, the Files & Uploads page can time out before it lists all the files. The page becomes unresponsive, and you cannot upload more files.

  Workaround: To upload new files when the Files & Uploads page is timing out, limit the number of files that appear on the Files & Uploads page by adding start and max parameters to the URL. For example, you can append the following parameters to
the URL in your browser:  https://studio.edge.edx.org/assets/organization.course-number.course-name/branch/block/course-name?start=5&max=15

This example tells the page to load a maximum of 10 files, starting with the 6th file. You can use other values as needed, as long as the list is not so long that the page does not load successfully. Note that file counts begin at 0, not 1, and that files are listed chronologically, with the most recent first.

Changes and Updates

The following changes are included in this release:

• Because Course IDs are not case sensitive, all Course IDs must be unique regardless of capitalization. For example, you cannot have both edX101 and EdX101 as course IDs. (STUD-873)

2.5.3 edX Learning Management System

The following changes are included in this release:

• The cheatsheet available when you are adding a new Wiki article is now accessible to screen readers. (LMS-1303)

• In the Wiki, active links are now displayed as bold, and have additional text labels, to be accessible to screen readers. (LMS-1306)

• In the Wiki, when you navigate through links with the Tab key, the active link is updated in the same was as when you hover over it with the mouse pointer. (LMS-1336)

• Default Wiki permissions are updated so that only course staff can delete Wiki pages. (LMS-1355)

• The Reset Password and Password Reset Confirmation pages are updated to use styles consistent with the system. (LMS-1357)

• In certain situations, students received a 500 error when viewing the Progress page. This problem was resolved in a patch on October 23, 2013. (LMS-1367)

• A visual indicator has been added to the video player to indicate which part of the video will play, when it is not the default. (BLD-391)

• Forum views are updated to improve performance. (FOR-250)

2.5.4 Analytics

The following changes are included in this release:

• Course exports are included with weekly data dumps delivered to university data representatives. (AN-57)

2.6 October 23, 2013

2.6.1 edX Documentation

You can access the public edX roadmap for details about the currently planned product direction. The following documentation is available:

• Building and Running an edX Course

You can also download the guide as a PDF from the edX Studio user interface.
• edX Research Guide
• edX Developer’s Guide

2.6.2 edX Studio

New Features

• Improved import experience (STUD-595)
  When you import a course, the Import screen now provides real-time status updates. The Import screen tells you when the import is in the following stages: * Uploading * Unpacking * Verifying * Updated Course * Success (Complete)

• Improved drag and drop experience in course outlines (STUD-575)
  The ability to drag and drop sections, subsections, and units in the course outline is enhanced in the following ways:
  – The visual representation of where you are moving the course element to is improved, with a pointer and blue line indicating the new position.
  – You can more easily drag units from one subsection to another.
  – When you cancel a drop, the course element returns to its original position.
  – You can no longer drag a course element below the New Unit button, which was causing confusion.

• Text customization capability
  You can now customize some of the UI text that your students see. You do this through the text_customization key in the Advanced Settings for the course. (However, edX recommends that you contact your Program Manager before you modify the text_customization key.)

• JavaScript loading performance
  JavaScript loading is changed in ways that should improve the performance on some pages. Code contributors should note that JavaScript is now loaded through require.js.

Changes and Updates

The following changes are included in this release:

• In a course outline, you can no longer drag and drop a unit below the New Unit button. (STUD-152)
• Course update content outside of HTML tags is no longer erroneously removed.(STUD-590)
• In a course outline, dragging a unit over the Units label no longer causes the unit to be removed. (STUD-755)
• Support text in the Assignment Types section of the Grading page is updated to clarify that you enter an integer, not a percent, in the Weight of Total Grade field. (STUD-771)
• Certain component errors no longer prevent the course from saving correctly. (STUD-786)
• When you delete a Discussion component, the discussion is completely removed from the course. (STUD-811, STUD-817)
• When you are editing a course update, the update no longer disappears if you click outside of the Edit window. (STUD-822)
• When you enter the integer 7 in the Total Weight of Grade field, the value is no longer changed to a decimal. (STUD-826)
2.6.3 edX Learning Management System

New Features

The following changes are included in this release:

- **Fixed views in Internet Explorer 9.x**
  Problems with pages in Internet Explorer 9.x are resolved.

- **Disabled downloading data for large courses**
  For courses with over 200 students, downloading large data sets could fail. The Download Data button on the Instructor Dashboard is now temporarily disabled to avoid this problem.

- **Improved Beta Instructor Dashboard**
  You can access the Beta Instructor Dashboard from the current Instructor Dashboard by clicking Try the New Beta Dashboard. The Beta version continued to evolve with a streamlined design and improved architecture. Both dashboards are currently available.

- **Improved video and transcript experience** (BLD-420)
  When you are playing a video with the transcript hidden, you can display the transcript by hovering the mouse pointer over the CC button. You can then click a paragraph in the displayed transcript to move to that point in the video. When you move the pointer off the CC button, the transcript is hidden.

- **Improved Learning Tools Interoperability (LTI)** (BLD-330, BLD-347)
  You can now use multiple LTI tools per page. You can also have an LTI module load external content in a new window.

Changes and Updates

- The link to open and close the calculator has additional aria attributes for accessibility. (BLD-164)
- The Hints panel for the calculator is now accessible to screen readers. (BLD-165)
- Students can now download video subtitles. (BLD-245)
- Multi-speed video playback now works in Firefox browsers as expected. (BLD-287)
- Window resizing no longer cuts off videos. (BLD-289)
- Video HD control is now handcappable accessible. (BLD-387)
- You can now export courses that have LTI modules. (BLD-389)
- A malformed custom parameter in an LTI component no longer permanently breaks the unit. (BLD-390)
- The styles and text for the download links for videos and transcripts are updated for clarity and accessibility. (BLD-403)
- The CC button in the video player now includes explanatory text that is accessible with a screen reader. (BLD-404)
- LTI with the Piazza platform now works as expected. (BLD-405)
- The **Close** button on dialog boxes is now defined as an HTML button and is accessible to screen readers. (LMS-582)
2.6.4 Discussion Forums

The following changes are included in this release:

- The color contrast of the Report Misuse link is updated for accessibility. (FOR-200)
- The Report Misuse link now includes a tooltip that is accessible to screen readers. (FOR-201)
- The Report Misuse link is now included in the page tab order, for keyboard accessibility. (FOR-209)