Cumulative Update 4 for Blackboard Learn, 9.1 Q4 2017

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Product: Blackboard Learn

Announcement Details:
Blackboard is pleased to announce the availability of Cumulative Update 4 for the Blackboard Learn 9.1, Q4 2017 Release (Build: 3300.0.4-rel.65+9afd532).

ADMIN REVIEW REQUIRED: User experience change and required action
When updating from a 9.1 Q4 2017 (3300.0) Cumulative Update or a prior release.
Due to changing regulations globally concerning use of data and privacy, including the European Union General Data Privacy Regulation (GDPR), there are changes in this Cumulative Update that impact the end user experience and actions required of administrators. Administrators should evaluate the impact this may have for their users.

- The Building Block "Security Management: Cookie Disclosure," originally intended to address regulations in the European Privacy Data Directive, has been replaced by the Building Block "Security Management: Data Use and Privacy Disclosure." This Building Block is part of the core system and cannot be disabled or removed. If "Security Management: Cookie Disclosure" was previously deleted from the system, the new Building Block will be added.
- **ACTION REQUIRED**
  The new Building Block is required to be in the enabled state. If the prior Building Block "Security Management: Cookie Disclosure" is present and disabled prior to running the Cumulative Update, links to privacy information and terms of use will not work properly. Any of the following actions are required to address this:
    - Enable "Security Management: Cookie Disclosure" prior to running the Cumulative Update installer
    - After the update, enable the "Security Management: Data Use and Privacy Disclosure" Building Block in Admin Panel > Building Blocks.
    - Before or after the update, run the following from the command line:
      Windows: B2Manager.bat -s AVAILABLE bb-cookie-disclosure
      Unix: ./B2Manager.sh -s AVAILABLE bb-cookie-disclosure
- With this Cumulative Update, we have added links to access the Blackboard privacy and data use statement, the Blackboard terms of use, and an optional privacy and data use statement from the institution. This information can now be accessed on the login page, the login module, and the settings area of My Blackboard. This way, users can access important information about the use of their data and their privacy both before and after authentication. These links appear as "Privacy and Terms of Use."
- By default, the "Security Management: Data Use and Privacy Disclosure" Building Block requires all users to accept the terms of the disclosures before using the Blackboard Learn application on a new device or browser. This will occur after updating to this Cumulative Update. For institutions that do not have users who would fall under regulations requiring this acceptance, the terms acceptance interface can be disabled in the "Security Management: Data Use and Privacy Disclosure" settings page in Admin Panel > Building Blocks. However, we recommend institutions keep the acceptance interface enabled because some users might access from another jurisdiction with such regulations.
- The "Security Management: Data Use and Privacy Disclosure" settings page allows an administrator to define a web link to institutional statements about data use and privacy. An administrator could also store such a statement in the Content Collection as a public file and link to it.
- One of the requirements of the EU GDPR is to allow users to receive human-readable reports of personal information that has been collected about them. Managed Hosting and Self-Hosted clients receiving user requests may submit a case on Behind the Blackboard, including the user's ID, to request the exported report package. The report is a ZIP file that contains CSV files with site- and course-level information about user activity, tool interactions, uploaded content, or submitted work within Blackboard Learn. Any grade data in the report are raw values and don't include any calculations or weighting the instructor may have applied in the Grade Center. The report won't contain information about other users in the system, content created by the institution or other users, or information from deleted courses.

Resolved Issues:

Cumulative Update 4 for Blackboard Learn 9.1, Q4 2017 includes resolution to the following issues:

- Cannot view Self Peer Submissions - Article #49178 (https://blackboard.secure.force.com/btbb_articleview?id=kA33900000006dF)
- SCORM Building Block Slow to Install During Upgrade - Article #48788 (https://blackboard.secure.force.com/btbb_articleview?id=kA33900000006Sb)
- Error when Viewing Group Attempts - Article #48746 (https://blackboard.secure.force.com/btbb_articleview?id=kA33900000006Pw)
- Error Refreshing Retention Center Rule Staus - Article #48677 (https://blackboard.secure.force.com/btbb_articleview?id=kA33900000006LG)
- Portfolio Folders are not Active for Users after Rolling Restart - Article #48203 (https://blackboard.secure.force.com/btbb_articleview?id=kA3390000004I9T)

- Theme Directory is Being Deleted and Recreated when an Attempt to Access a Non-Existent File is made - Article #48147 (https://blackboard.secure.force.com/btbb_articleview?id=kA3390000004I6F)
- Assignments with long Decimal Values Rounding Incorrectly After a Specific Value - Article #48059 (https://blackboard.secure.force.com/btbb_articleview?id=kA3390000004HzT)
- Copying Discussion Forums Multiplies Points Possible by 10 if Using the Spanish or Portugeuse Language Packs - Article #48044 (https://blackboard.secure.force.com/btbb_articleview?id=kA3390000004HyB)
- When Unauthenticated Users Accesses an Assignment Download Link no Items can be Downloaded on that Application Server Until Tomcat is Restarted - Article #43578 (https://blackboard.secure.force.com/btbb_articleview?id=kA339000000CfVx)
- Course Imports Sometimes Change the Course Name - Article #42761 (https://blackboard.secure.force.com/btbb_articleview?id=kA339000000PEZx)
- Performance improvements with Achievements

Download annotated PDF's

Users were accustomed to downloading annotated files when Crocodoc handled inline file rendering. With the switch to New Box View, this capability wasn't available and highly requested. Blackboard listened and developed the ability to download annotated files using the New Box View.

In this release, both instructors and students can download certain file types (DOC, DOCX, PDF, PPT, PPTX, XLS, XLSX) with annotations as an annotated PDF. Students can download the annotated file after their submission has been graded.

Visit Inline Grading and New Box View Update (https://community.blackboard.com/community/systemadministrator/blog/2018/08/02/inline-grading-and-new-box-view-update-july-2018) on the Blackboard Community for more information and a video demonstration.

Important Notes:

- Nynorsk (nn_NO) is now a support Language Pack.

Updated Building Blocks

Building Block	Version
Mobile	3300.0.4-rel.65+9afd532 (v94.9.12)
Collaborate	3300.0.4-rel.65+9afd532
Collaborate Ultra	3300.0.4-rel.65+9afd532
SafeAssign	3300.0.4-rel.65+9afd532

Mobile

Version 94.9.12 resolves various issues with the Blackboard and Blackboard Instructor app.

- Blackboard app
  - Addition of a new filter for assignment file submissions to prevent cross-site Scripting (XSS).
  - Adds support for auto submit, force complete, and time limited assessments.
  - Resolves issue where some embedded HTML 5 video could not be played.
  - Resolves issue that displayed a score of 0 when a user previewed a test configured with an average attempt score as the grade.
  - Fixes issue that resulted in a forum notification sent to users in a disabled course.
- Blackboard Instructor
  - Resolves issue that displayed an incorrect count of submissions that require grading and publishing.

Collaborate

- The Collaborate Building Block was updated to optimize the way bb_col_shared_courses records are stored.
- Collaborate Ultra Session endpoint returns full (non-restricted) JSON with all the known fields regardless of user enrollment. Chiefly the Session Occurrences should now be available for Mobile app to display them to students.

Change Management Resources:

- **Self-hosted clients** may download the latest build on the Download Files (https://behind.blackboard.com/downloads/details.aspx?d=1783) page.

Before applying the Cumulative Update, please take a system backup and make sure you have a backup plan in place. The installer is run at the command line, using Gradle, Maven, and an installer properties file. This also requires your system to be down for the upgrade/install. Further installation instructions can be found here (https://en-us.help.blackboard.com/Learn/Administrator/Hosting/Install_or_Upgrade_Learn/Install_Learn).

- **Managed Hosting clients** may submit a case on Behind the Blackboard to schedule implementation of this release.

Upgrade Paths for Clients Already on Blackboard Learn, Release 9.1

Existing Blackboard Learn, Release 9.1 clients can upgrade from the following versions to 9.1 Q4 2017 CU4 (Build:3300.0.4-rel.65+9afd532)

- Blackboard Learn 9.1 Q4 2017
  - 9.1 Q4 2017 Cumulative Update 3 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000005Emg) (Build:3300.0.3-rel.41+a9e64de)

- 9.1 Q4 2017 Cumulative Update 2 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000000QmC) (Build: 3300.0.2-rel.137+ba130da
- 9.1 Q4 2017 Cumulative Update 1 (https://blackboard.secure.force.com/btbb_articleview?id=kA039000000H1tF) (Build: 3300.0.1-rel.60+a05276c)
- Blackboard Learn 9.1 Q2 2017
  - 9.1 Q2 2017 Cumulative Update 9 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000005FXw) (Build: 3200.0.9-rel.34+2e556c0)
  - 9.1 Q2 2017 Cumulative Update 8 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000005Epu) (Build:3200.0.8-rel.36+4b73da2)
  - 9.1 Q2 2017 Cumulative Update 7 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000005EhH) (Build: 3200.0.7-rel.26+279a9b0)
  - 9.1 Q2 2017 Cumulative Update 6 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000000QmH) (Build: 3200.0.6-rel.144+bd33835)
  - 9.1 Q2 2017 Cumulative Update 5 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000000PZu) (Build: 3200.0.5-rel.6+3dd6b56)
  - 9.1 Q2 2017 Cumulative Update 4 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000000PHH) (Build: 3200.0.4-rel.89+d3990d0)
  - 9.1 Q2 2017 Cumulative Update 3 (https://blackboard.secure.force.com/btbb_articleview?id=kA039000000HEVz) (Build: 3200.0.3-rel.75+4185aa5)
  - 9.1 Q2 2017 Cumulative Update 2 (https://blackboard.secure.force.com/btbb_articleview?id=kA039000000H2K8) (Build: 3200.0.2-rel.37+f07d42b)
  - 9.1 Q2 2017 Cumulative Update 2 (Build: 3200.0.2-rel.34+a87152a)
  - 9.1 Q2 2017 Cumulative Update 1 (http://blackboard.secure.force.com/btbb_articleview?id=kA039000000H1tF) (Build: 3200.0.1-rel.56+af64d14)
  - 9.1 Q2 2017 (https://blackboard.secure.force.com/btbb_articleview?id=kA439000000Cidz) (Build: 3200.0.0-rel.52+647f084)
- Blackboard Learn 9.1 Q4 2016
  - 9.1 Q4 2016 Cumulative Update 7 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000005EmR) (Build: 3100.0.7-rel.143+c4c390f)
  - 9.1 Q4 2016 Cumulative Update 6 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000000Pgv) (Build: 3100.0.6-rel.3+cd2a24d)
  - 9.1 Q4 2016 Cumulative Update 5 (https://blackboard.secure.force.com/btbb_articleview?id=kA0390000000PaO) (Build: 3100.0.5-rel.101+d3dfc63)
  - 9.1 Q4 2016 Cumulative Update 4 (https://blackboard.secure.force.com/btbb_articleview?id=kA039000000HENg) (Build: 3100.0.4-rel.153+509e24a)
  - 9.1 Q4 2016 Cumulative Update 3 (https://blackboard.secure.force.com/btbb_articleview?id=kA03900000093Cw) (Build: 3100.0.3-rel.51+917ccd3)
  - Build: 3100.0.2 released to SaaS FDO only - Article # 43586 (https://blackboard.secure.force.com/btbb_articleview?id=kAA390000004CeL)
  - 9.1 Q4 2016 Cumulative Update 1 (https://blackboard.secure.force.com/btbb_articleview?id=kA03900000092tp) (Build: 3100.0.1-rel.117+6ef1843)
  - 9.1 Q4 2016 (https://blackboard.secure.force.com/btbb_articleview?id=kA439000000CgaJ) (Build: 3100.0.0-rel.107+401e)

If you are a self-hosted client on a Blackboard Learn 9.1 release prior to Q4 2016 you will need to upgrade to 9.1 Q4 2016 before you can upgrade to Learn 9.1 Q4 2017 CU4.

Upgrade Paths for Clients New to Blackboard Learn, Release 9.1

If you are upgrading from one of the releases listed below, please refer to the Upgrade Center for information to help you plan for this move. There are planning, training, and communication materials available to make this upgrade as smooth as possible. Please reference next steps based on your current release. For those migrating from Blackboard Learn, Release 9.0 or Blackboard Academic Suite, Release 8.0, please ensure you include migrating to a 64-bit environment in your upgrade plans.

- **Blackboard Learn, Release 9.0**: The following paths are supported when upgrading from Blackboard Learn, Release 9.0, Service Pack 7 (Build: 9.0.692.0)
  - Release 9.1, Service Pack 9 (Build: 9.1.90132.0) > Service Pack 12 (Build: 9.1.120113.0) > April 2014 (9.1.201404.160205) > Q4 2015 (Build:9.1.201510) > Q4 2016 (Build:3100.0) > Q4 2017 CU4
- **Blackboard Academic Suite, Release 8.0 or lower**:The following paths are supported when upgrading from Release 8.0, Service Pack 7 Hotfix 2 (Build: 8.0.494.35) without needing to upgrade to Release 9.0 first.
  - Blackboard Learn, Release 9.1, Service Pack 9 (Build: 9.1.90132.0) > Service Pack 12 (Build: 9.1.120113.0) > April 2014 (9.1.201404.160205) > Q4 2015 (Build:9.1.201510) > Q4 2016 (Build:3100.0) > Q4 2017 CU4
- **Blackboard Learning System CE 8.0 and Vista 8.0 Licenses**: You must be on Service Pack 6 (Build: 18.0.6.116) to effectively use course conversion capabilities.
- **Blackboard Learn, ANGEL Edition**: You must be on any ANGEL 8.0 or ANGEL 7.4 release to effectively use course conversion capabilities.

If you are a self-hosted client on a release that is earlier than Blackboard Learn 9.1 Service Pack 6, and you also use Oracle, there is a pre-upgrade utility that will minimize your downtime during this upgrade. Please consult the 9.1 Service Pack 6 Release Notes and the Readme for the Pre-Upgrade Utility for Oracle (http://library.blackboard.com/d/?=722201d9-2690-421a-b8eb-aef86a5f15ab) for more information on this utility.

For a more detailed explanation of the all the changes and new features included with this release, please reference the 9.1 Q4 2017 GA Release Notes, Previous Cumulative Update Announcements and related documentation.

Bb KB – Was this Article Helpful?   4/4

    ◯   ◯   ◯   ◯
Yes, I was able to resolve my issue   **Yes, but instructions were unclear**   **Yes, but it did not solve my issue**   **No, it was not helpful at all**

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