

Blackboard learn⁺

*Cengage Learning iLrn
Blackboard Partner Cloud Integration
Administrator Guide
Version 1.0 for Blackboard Learn 9.1 SP10+*



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About Cengage Learning iLrn Integration

About Cengage Learning iLrn

Cengage Learning iLrn is an all-in-one diagnostic, tutorial, assessment, assignment, and course management system that saves instructors' time and enhances students' language learning experience. Everything students need to master the skills and concepts of the course is built right into this online system, including an interactive diagnostic study tool, an interactive media-enhanced ebook, student activities manual (Heinle eSAM), video, partner and group voice-recorded activities, grammar tutorial videos, and more. With its easy-to-use interface, instructors can set up an entire term's work in minutes; assign audio-enhanced tests and activities; upload, share, and rate videos and other materials via Share it!, access students' grades; and more.

About the Cengage Learning iLrn Integration

Cengage Learning iLrn provides institutions with a solution for a powerful language-teaching environment, while also providing a rich student centered experience. Combined with an advanced Blackboard Learn integration, the result is highly-accessible and dynamic instructional content.

Key Features include:

- **Deep integration:** Single sign-on, class or chapter-level content links and gradebook integration allow instructors and students to manage all language learning processes from within Blackboard Learn.
- **Intuitive, easy-to-use interface:** Sleek, modern display enables easy selection and sharing of instructional content.
- **Anytime, anywhere access:** Web-based technology and responsive design ensure a superior experience inside and outside Blackboard Learn.
- **Security and privacy:** Role-based permissions restrict access to data based on user type and context.

About the Partner Cloud

Leveraging the larger Blackboard Cloud infrastructure, the Partner Cloud allows institutions to access multiple state-of-the-art integrations of high quality educational content within the Blackboard Learn platform through a single Building Block.

The Partner Cloud Building Block offers a single registration and activation process for content partner integrations. With this Building Block, system administrators will have access to the full content inventory available through the Partner Cloud and can efficiently control and manage what commercial content is visible through Blackboard Learn. This new distribution vehicle eliminates the cumbersome process of managing old and new versions of building blocks while also providing customers with access to new features and product improvements more quickly.

In moving to this streamlined technology, Blackboard will continue to incorporate best practices and deploy consistent and native Blackboard Learn workflows for all partner integrations, including:

Blackboard learn⁺

- Single sign-on provides instructors and students with the convenience of one login for all course resources.
- Automated gradebook refresh ensures all assignment grades appear in the Blackboard Grade Center, saving instructors' time.
- Deep linking functionality gives faculty greater control over how they deliver information and provides students easy access to their course work.
- Compliance with student data privacy laws, such as the Family Educational Rights and Privacy Act (FERPA), ensures sensitive student information remains protected and secure.

Glossary

The following table summarizes some important concepts used in this document:

Term	Description
Content area	A content area is a content structure within a Blackboard Course that is often linked to from the Course menu and organizes course folders, items, and other materials into logical groupings.
Building Block	A Building Block is an application module that extends the functionality of the Blackboard Learn platform.
System Admin Panel	This is the tab visible only to system administrators that contains a collection of links to tools targeted to the administration of the Blackboard Learn platform.
Step	A logical grouping of fields, instructions, and other elements within a data collection form in the Blackboard Learn platform.



Configuring the Partner Cloud Building Block

This Building Block is bundled with Blackboard Learn, Release 9.1 SP13 and above but must be downloaded and installed on Blackboard Learn, Release 9.1 SP10 through SP12.

After confirming the Partner Cloud Building Block is made available, you will be able to configure the Partner Cloud Building Block and make the Partner Cloud Tools available to allow proper usage by instructors and students.

If the Partner Cloud Building Block is already installed and configured, the system administrator may proceed with the partner specific configuration.

Technical Considerations

- The Partner Cloud Building Block requires Cloud Services, which is available with Blackboard Learn SP10 and above. The Cloud Connection must be enabled. Other Cloud features, such as Profiles, are optional.
- The latest patches must be installed for the Partner Cloud Building Block to function properly.
- The Blackboard Learn environment must be reachable by the external Cloud Services, through any firewall or security software. This includes any test or development environments that will need access to the Cloud.
- Help on Blackboard Cloud configuration and testing is available: https://help.blackboard.com/en-us/Learn/9.1_SP_10_and_SP_11/Administrator/130_System_Management/003_Planning_for_Cloud

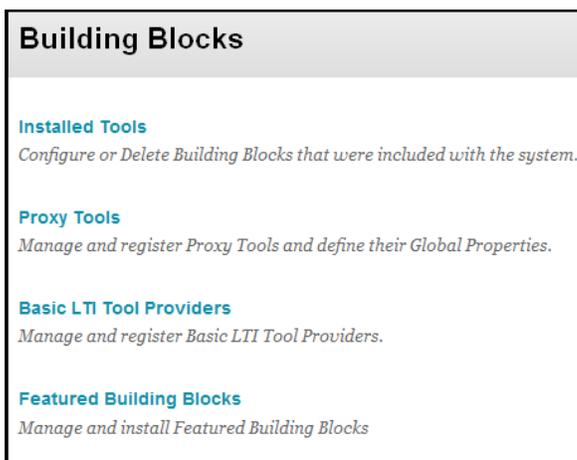
Configuring and Registering the Partner Cloud Building Block

Follow these steps to configure and register the Partner Cloud Building Block:

1. From the Administrator Panel, click **Building Blocks**.



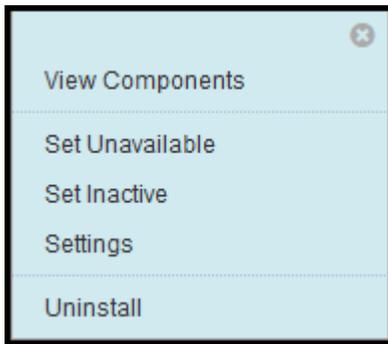
2. Click **Installed Tools**.



3. Locate the Partner Cloud Building Block. Installed Building Blocks are in alphabetical order.

Name	Vendor	Version	Availability	Update Status
Partner Cloud	Blackboard Inc.	1.0.911100398	Available	No Info Available

4. Highlight the Building Block and select **Set Unavailable** from the contextual menu.



NOTE: Setting the **Availability** to **Unavailable** will trigger the approval of the Building Block just as setting it to **Available**. Setting the **Availability** to **Unavailable** allows the Building Block settings to be fully configured ahead of making it available for instructor and student usage.

5. When presented with the **Make Building Block Available** page, on which a summary of the permissions and access granted to the Building Block is listed, select **Approve** to activate the Building Block.

Make Building Block Available

Making the following Building Block available means that you trust the Building Block to have privileges on this system: Partner Cloud

By default, Building Blocks have privileges to read system properties, read and write to their local filesystem, and read specific filesystem components required to function properly, like the tag libraries.

Cancel

Approve

1. Privileges

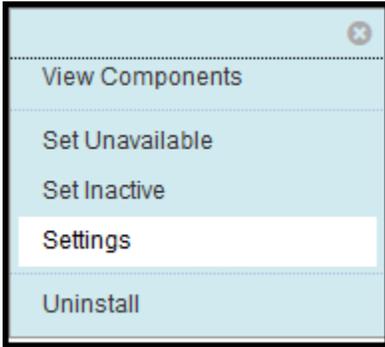
This Building Block requires the privileges listed below to perform properly.

Implied Blackboard Data Privileges

These are privileges for loading and storing objects in the Blackboard database, bestowed implicitly by the plugin framework.

Name	Read	Create	Edit	Remove	Comments
Announcements	✓				Includes course, organization, and Institution Announcements.
Calendar Entries	✓				
Course Contents	✓	✓	✓	✓	Includes items, folders, lessons, course links, web links, and custom content types created by Building Blocks.
Content Links	✓				
Courses and Organizations	✓				Includes both courses and organizations
Enrollments and Staff Assignments	✓				
Grade Center Outcomes	✓	✓	✓	✓	Includes grades in the Grade Center.
Grade Center Line Items	✓				
Users	✓				
Secondary Institution Roles	✓				

6. Highlight the **Partner Cloud Building Block**. Select **Settings** from the contextual menu. This will direct you to the configuration page.



Alternatively, the Partner Cloud Building Block settings can be accessed directly from the Administrator Panel through the **Cloud Management** module and the **Partner Cloud Settings** option.

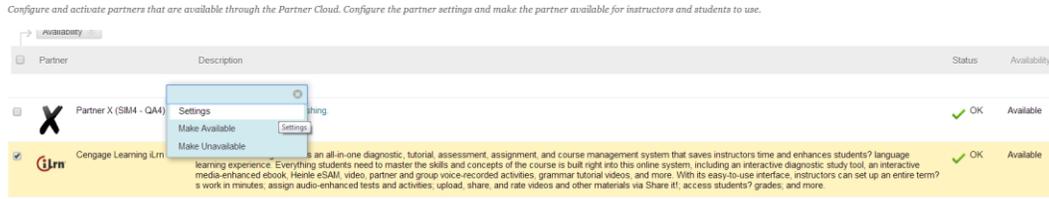


7. For details on the **Configure and Activate Partners Available Through the Partner Cloud** section, please see below for *Configuring Cengage Learning iLrn Integration*.



8. In **Configure and Activate Partners Available Through the Partner Cloud** section, each partner configured in the Partner Cloud will be displayed. By selecting the Partner specific contextual menu, the partner may be configured.

CONFIGURE AND ACTIVATE PARTNERS AVAILABLE THROUGH THE PARTNER CLOUD



Settings will launch the Partner Specific setting pages.

Make Unavailable will disable the partner option in the Commercial Content selection page.

Make Available will enable the partner option in the Commercial Content selection page.

9. In the **Local System Information** section:

4. Local System Information

Public URL https://csub2integrationqa5.blackboard.com
The URL users use to access Bb Learn. Tool providers use this URL to send notifications to this Bb Learn instance.

Installation Type Test
Indicate the type of this installation.

Show User Acknowledgment Message Yes No
Determine if a user acknowledgment should appear when accessing partner applications to alert the user that they are navigating away from Blackboard to an external site. Each user will have the ability to suppress these notification for future access to the partner application.

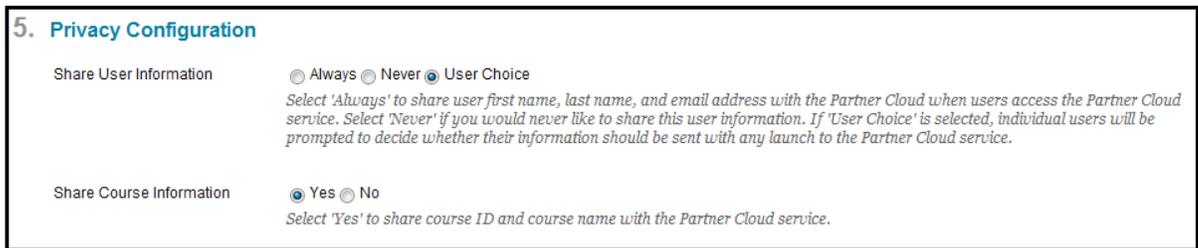
Message Text [Text Area]
This field has a maximum character limit of 255. Anything over 255 characters will be truncated.

Open Partner Links in New Window Yes No
Select whether or not to open partner links in a new window.

Show Unassociated Partners to Learners Yes No
Select whether or not to display partners that are not associated to users with roles mapped to Learner or Learner/GuestLearner.

- a. The Public URL is the institution's Blackboard Learn URL as accessed by systems outside of the institution. The URL value is used for pushed notifications, such as grade notification.

- b. Select the appropriate option for the **Show User Acknowledgement Message** option. This option designates if users will be required to acknowledge that they are leaving the Blackboard Learn system and that the action will direct their browser to an external site. If the option **Yes** is selected, the **Message Text** will be required in order to complete the Partner Cloud configuration. This message will be displayed to users prior to redirecting their browsers.
 - c. The **Open Partner Links in New Window** provides the option to open partner content in a new browser window or in the existing Blackboard Learn window. Each partner configuration will have the option to **Default from the Building Block** to use the value already selected from the Partner Cloud Building Block.
 - d. The **Show Unassociated Partners to Learners** is a system option that allows partners that are not yet associated with a course to be displayed to Learner or Learn/Guest Learner roles. The default setting is **No** which limits the list to only partners that Instructors have specifically mapped to the course.
10. In the **Privacy Configuration** section, options are set to specify which information should be shared between the Blackboard Learn and partner servers.



The **Share User Information** option does not appear with a default and will be required in order to complete the **Partner Cloud** configuration.

Always indicates that user information will be shared. This includes the user first name, last name and email address.

Never indicates user information will not be shared.

User Choice indicates that each individual user will be prompted to decide how their information should be sent upon their first launch of a partner specific link.

The **Share Course Information** option designates if the Blackboard course ID and name should be shared with the partner systems.

11. In the **Grade Integration** section, options are set to configure the grade integration between Blackboard Learn and partner systems.

6. Grade Integration

Scheduled Grade Update Frequency minutes
Update interval in minutes.

Accept Grade Notifications Yes No
Accept grade notifications from the Partner Cloud for quicker update of grades and other information. This server must be reachable from the Partner Cloud servers using the public URL.

Last Checked Thursday, October 10, 2013 11:47:52 AM EDT from centsvcs1.bbconsulting.local
Date and time of the last communication with the Partner Cloud servers.

Last Updated Thursday, October 10, 2013 11:47:52 AM EDT (0 courses updated, 0 failed)
Date and time of the last update received from the Partner Cloud servers reflecting user activity.

Locked Since --
Server currently holding the lock for background updates. The lock may need to be cleared on rare occasions where the server malfunctioned during a background update.

Run Grade Update
Click the button above to run the grade update now.

Under **Scheduled Grade Update Frequency**, select an update frequency (Never, 30, 60, 90 or 120 minutes) to determine the frequency with which the local Blackboard Learn installation will communicate with the partner servers to fetch grades. The default selected value is **60** minutes. Optimal interval time may depend on the number of instructors and students and the local server configuration.

Accept Grade Notifications will allow the local Blackboard Learn system to accept grade notifications from partner systems for quicker update of grades and other information. For grade notifications to work properly, the local Blackboard Learn server must be reachable from the Partner Cloud servers using the public URL on record. The default selected value is **'No'**.

Last Checked indicates the local Blackboard Learn application server and the date, time of the most recent communication with the partner servers.

Last Updated indicates the date and time of the most recent communication with the partner servers in which there was user activity shared between the systems and the number of successful and/or failed course updates that occurred. If a communication occurred but there was no data to be updated, this date and time may be older than the Last Checked information.

Locked Since will typically appear as **blank**. A lock indicates that the Partner Cloud and Blackboard Learn servers are communicating. If there is a lock, a **Clear** button will appear next to the lock information. Before pressing **Clear**, wait 15 to 20 minutes to determine if the lock is part of the regular update process. The lock information can also be compared with the Last Update time. Clicking the **Clear** button will provide you with the path of the lock on your Blackboard Learn application server. The lock has to be deleted manually.

Run Grade Update will start the synchronization process and re-set the automated update interval countdown. If the synchronization needs to be updated before the next

scheduled automatic time, or if the Blackboard Learn administrator believes there is information not being passed between the partner servers and the Blackboard Learn installation, clicking **Run Now** will force a communication and pass any pending information between the systems.

12. In the **Blackboard Course Roles to LIS (Learning Information Services) Context Role Mapping** section, designate how to map the Blackboard Learn course roles to the six LIS Context Roles. Administrator, Learner and Instructor are required. A suggested mapping for default course roles is displayed below.

7. Blackboard Course Roles to LIS Context Role Mapping

Available Blackboard Roles

Learner
> Student

Instructor
> Instructor
< Course Builder
Grader
Teaching Assistant

Instructor/PrimaryInstructor

TeachingAssistant

ContentDeveloper

TeachingAssistant/Grader

Learner/GuestLearner
> Guest

Administrator
System Administrator

Select one or more Blackboard course roles to map to the corresponding LIS roles.

Note: The Partner Cloud Tools are not available to guests or observers.

13. In the **Blackboard Institution Roles to LIS Institution Role Mapping** section, the Building Block can be configured to support the institution roles through a default option or a custom option. Institution roles are used by partner integrations when user activity is outside of the context of a course. The **Default Institution Roles Mapping** is the default. If **Custom Institution Roles Mapping** is selected, the mapping options will appear.

NOTE: For the **Default Institution Role Mapping**, all custom roles are mapped to the “Other” role by default.

8. Blackboard Institution Roles to LIS Institution Role Mapping

Default Institution Roles mapping
Select this option if you would like to use the default Blackboard Institution Role to LIS Institution Role mapping. All custom Institution Roles will be mapped to "Other" by default.

Custom Institution Roles mapping
Select this option if you would like to customize the Blackboard Institution Role to LIS Institution Role mapping.

Available Blackboard Roles

- Alumni
- Faculty
- Guest
- Observer
- Other
- Prospective Student
- Role 10
- Role 11
- Role 12
- Role 13
- Role 14

Student

>

<

Faculty

>

<

Member

>

<

Learner

>

14. In the **Multi-Institution Installation** section, the Building Block can be configured to support licensing of partner content by Domains, Institution Hierarchy, or Data Source Keys.

These options can be used to enable the partner integration based on the multi-institution set up.

NOTE: If **No** is selected for **Support Multiple Institutions**, the **Identify Institutions by** options will not appear.

9. Multi-Institution Installation

Support Multiple Institutions Yes No
Select whether this installation of Blackboard supports multiple institutions. This information may be used by the partners to license products and content. If this installation does support multiple institutions, select an identifier below to differentiate between institutions.

Identify Institutions by

Domains
Select this option if the institutions are differentiated based on the courses in different domains set on this installation.

Institution Hierarchy
Select this option if the institutions are differentiated based on the courses in different institution hierarchies set on this installation.

Data Source Key
Select this option if the institutions are differentiated based on the courses in different data source keys set on this installation.

15. In the **Debug Logging Level** section, designate debug settings to be used when troubleshooting an issue with support assistance. During initial configuration, the suggested and default value is **Not Enabled**.

10. Debug Logging Level

Enable Detailed Logging

Detailed logging was enabled on Tuesday, October 15, 2013 4:21:04 PM EDT for 72 hour(s). Please wait until the requested duration has elapsed before attempting to re-activate detailed logging.

Upon submission, the registration process will occur and the **Registration Status** will be updated to indicate either a successful or failed registration.

Making the Partner Cloud Building Block Available

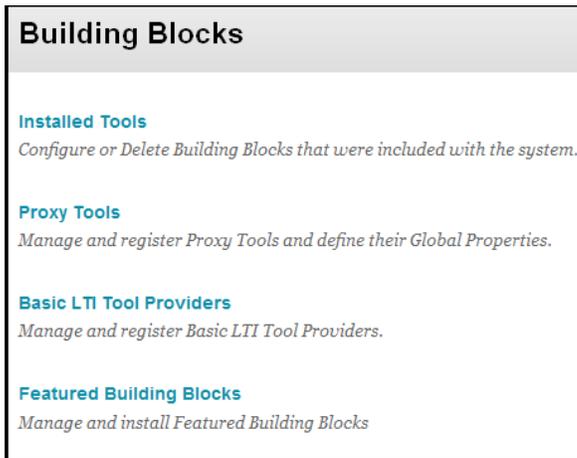
Once configuration is complete, you are ready to make the Building Block available for instructor and student access.

These are the steps to make the Partner Cloud Building Block available:

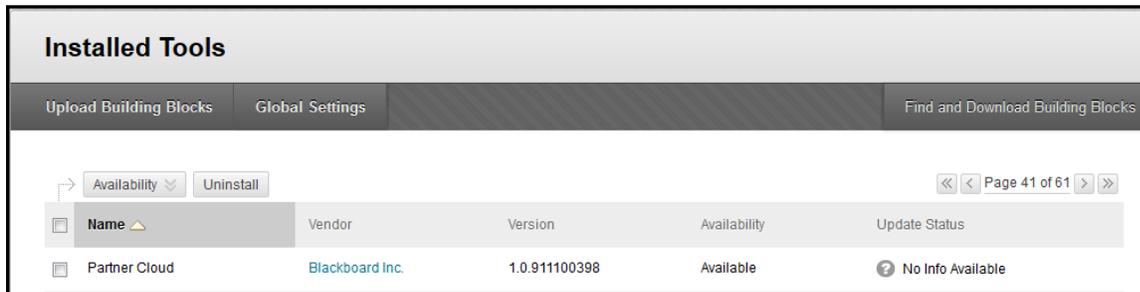
1. From the Administrator Panel, click **Building Blocks**.



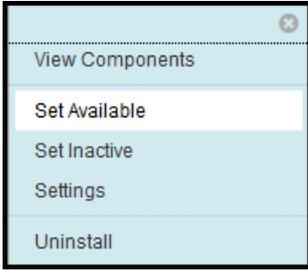
2. Click **Installed Tools**.



3. Locate the Partner Cloud Building Block. Installed Building Blocks are in alphabetical order.



4. Highlight the Building Block and select **Set Available** from the contextual menu.



Configuring Cengage Learning iLrn Integration

These are the steps to configure the Cengage Learning iLrn Integration:

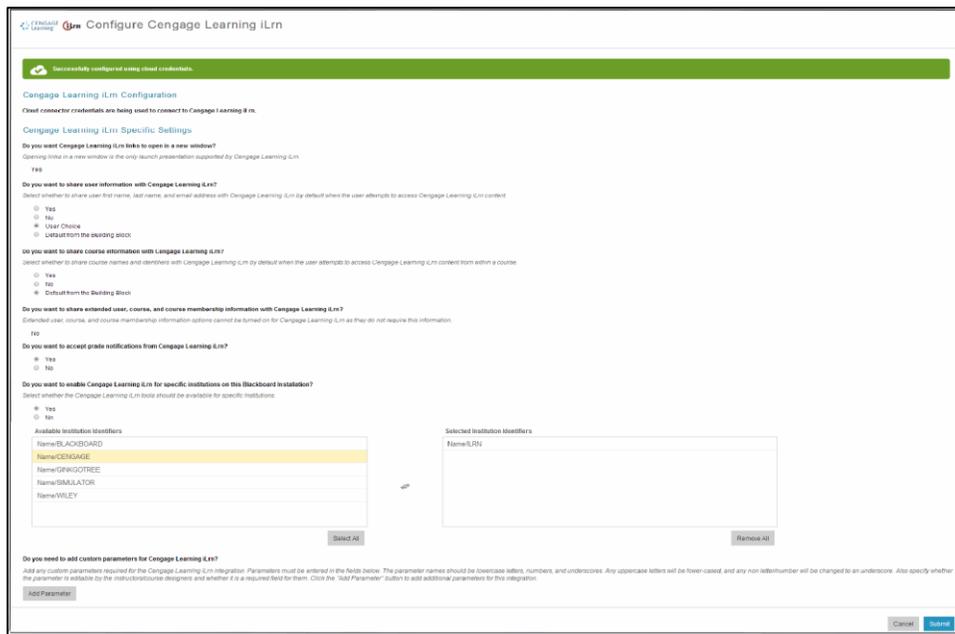
1. Navigate to the Administrator Panel. Locate the **Cloud Management** module and click **Partner Cloud Settings**.



2. Navigate to the **Configure and Activate Partners Available Through the Partner Cloud** section and locate Cengage Learning iLrn. Select **Settings** from the contextual menu.



3. The **Configure Cengage Learning iLrn** page will open.



4. Locate **Configure Cengage Learning iLrn Specific Settings** section. This is where options are set to specify which information should be shared between the Blackboard Learn and Cengage Learning iLrn.

5. The **Do you want Cengage Learning iLrn links to open in a new window?** option determines if the Cengage Learning iLrn content will open in the Blackboard Learn window.

NOTE: Cengage Learning iLrn always opens content in a new window; hence this option will automatically be set to 'Yes'.

6. The **Do you want to share user information with Cengage Learning iLrn?** option specifies how information should be shared between the Blackboard Learn and Cengage Learning iLrn servers.

Yes indicates that user information will be shared with Cengage Learning iLrn. This includes the user first name, last name and email address.

No indicates user information will not be shared for with Cengage Learning iLrn.

User Choice indicates that each individual user will be prompted to decide how their information should be sent upon their first launch of any Cengage Learning iLrn link.

Default from Building Block indicates that the Building Block option will be used.

7. The **Do you want to share course information with Cengage Learning iLrn?** option specifies how information should be shared between the Blackboard Learn and Cengage Learning iLrn servers.

Yes indicates that course information will be shared with Cengage Learning iLrn. This includes the Blackboard Learn course ID.

No indicates course information will not be shared for with Cengage Learning iLrn.

Default from Building Block indicates that the Partner Cloud Building Block option will be used.

8. The **Do you want to share extended user and course information with Cengage Learning iLrn** option allows extending any existing Learn SIS Integration metadata to Cengage Learning iLrn. This provides the Cengage Learning iLrn with all of the additional course and user information.

NOTE: Cengage Learning iLrn does not require the institution to share extended user and course information; hence this option will automatically be set to 'No'.

9. The **Do you want to accept grades from Cengage Learning iLrn?** option specifies whether to accept scores for the Blackboard Learn Grade Center.

Yes indicates that grades from Cengage Learning iLrn will be accepted and added in the Blackboard course Grade Center.

No indicates that grades from Cengage Learning iLrn will not be accepted and will not be added in the Blackboard course Grade Center.

10. The **Do you want to enable Cengage Learning iLrn for specific institutions on this Blackboard Installation?** option allows extending any multi-institution configuration which will allow only a subset of applicable courses to access the partner integration.

If **No** is selected, the Cengage Learning iLrn integration will be available to all institutions on the Blackboard Installation.

If **Yes** is selected, an ID must be provided for each institution for which the Cengage Learning iLrn tools will be available is required. If the Blackboard Installation supports multiple institutions, enter each ID in comma delimited format.

11. The **Do you need to add custom parameters for Cengage Learning iLrn?** option allows the inclusion of custom LTI parameters to be passed to Cengage Learning iLrn.

NOTE: Cengage Learning iLrn does not require any custom parameters.

12. Click **Submit** to save all changes.

13. Upon submission, the registration process will occur and the **Configuration Status** will be updated to indicate either a successful or failed configuration.



14. Upon a successful configuration, the Cengage Learning iLrn Integration can be made available to the instructor by returning to **Configure Partner Cloud** page.

Navigate to the **Configure and Activate Partners Available Through the Partner Cloud** section and locate Cengage Learning iLrn. Select **Make Available** from the contextual menu.

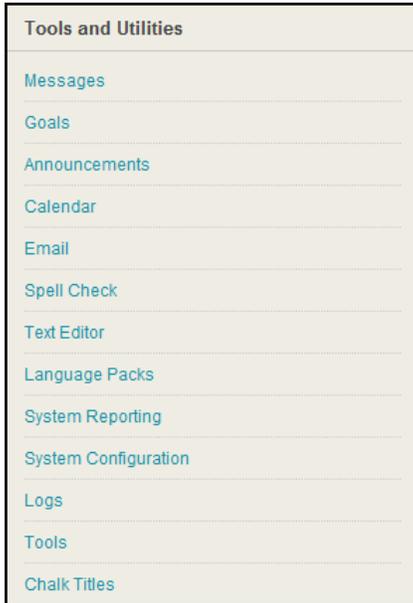


Enabling Partner Cloud Tools

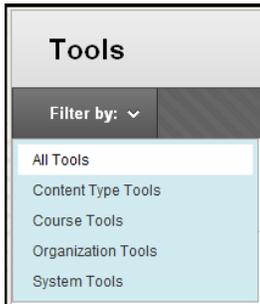
When the Building Block is set to **Available**, the Partner Tools are not automatically made available.

These are the steps to make the Partner Tools available:

1. From the Administrator Panel, click **Tools** within the **Tools and Utilities** module.



2. Select the All Tools option under Filter By:



3. Locate the **Partner Cloud** Tools:

- a. For SP10 and 11:

Partner Cloud				
Partner Cloud Tools	Course Tool	Default On	⊗	⊗
Partner Cloud Tools	Organization Tool	Default Off	⊗	⊗
Commercial Content	Content Type	Default On	⊗	⊗

Select the **Availability Default** dropdown. Select the appropriate value to make the **Partner Cloud Tools** available.



Default On designates that for newly created courses or organizations the tool will be enabled by default. Within a course or organization, the tool is configurable by the instructor.

Default Off designates that for newly created courses or organizations the tool will not be enabled by default. Within a course or organization, the tool is configurable by the instructor.

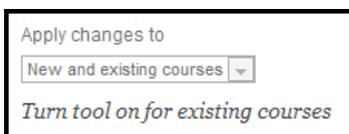
Always On designates that the tool will always be enabled within a course or organization. It is not configurable by the instructor.

Always Off designates that the tool will never be enabled within a course or organization. It is not configurable by the instructor.

b. For SP12 and above:

Partner Cloud	Tool Type	Availability	Scope of Change	Available to Guests	Available to Observers
Commercial Content	Content Type	ON			
	Course Tool	ON			
	Organization Tool	OFF			

Select the **Availability** as ON or OFF by clicking on the ON/OFF value. Once your option is selected the **Scope of Change** can be set.



Note: The Partner Cloud Tools are not available to guests or observers.

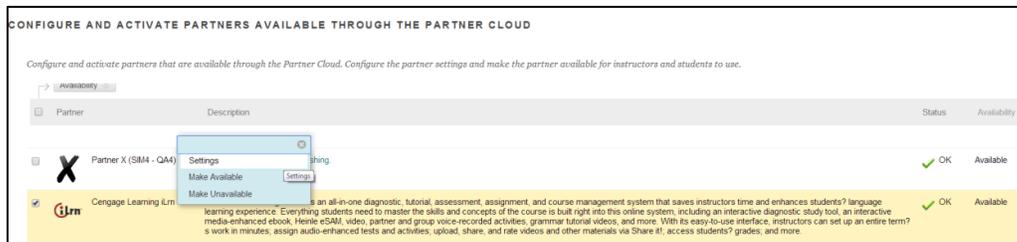
4. Click **Submit**.

Removing Access to a Partner

1. From the Administrator Panel, locate the **Cloud Management** module and select the **Partner Cloud Settings** option



2. Locate the **Configure and Activate Partners** section and the Cengage Learning iLrn option. Click on the contextual menu and select the **Make Unavailable** option. This will disable the Cengage Learning iLrn integration.



3. Click **Submit**.

Removing Access to the Partner Cloud Building Block

To remove access to the **Partner Cloud**, change the **Availability** setting to **Inactive** on the **Building Blocks** page. This will remove all Partner Cloud features from Blackboard Learn. Links to partner content and features deployed inside courses will remain visible, but will not function.

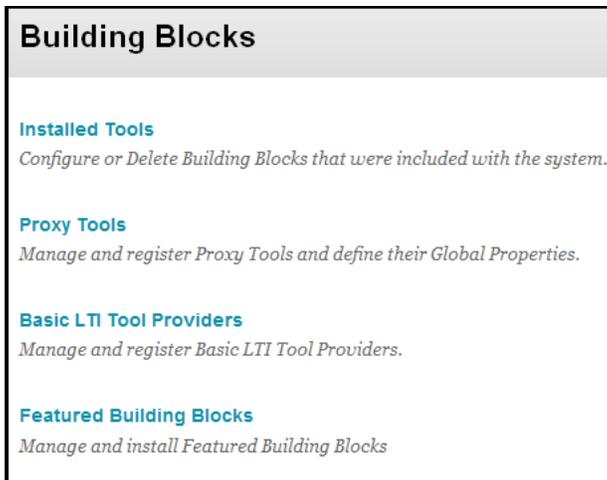
Note: Setting the **Availability** to **Unavailable** is not recommended, as it will allow links inside courses to remain live, but will not guarantee synchronization between Blackboard Learn and partners, which may be disruptive to instructors and students.

These are the steps to make the Partner Cloud Building Block inactive:

1. From the Administrator Panel, click **Building Blocks**.



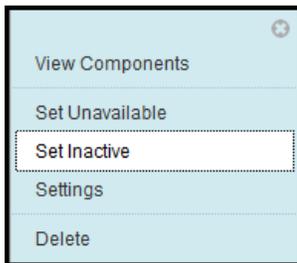
2. Click **Installed Tools**.



3. Locate the Partner Cloud Building Block. Installed Building Blocks are in alphabetical order.

Name	Vendor	Version	Availability	Update Status
Partner Cloud	Blackboard Inc.	1.0.911100398	Available	No Info Available

4. Highlight the Building Block and select **Set Inactive** in the contextual menu.

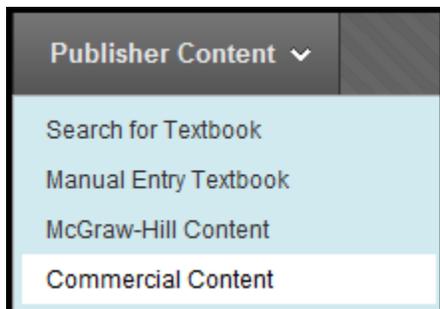


Instructor Cengage Learning iLrn Integration Usage

Once the Partner Cloud Building Block is available and partners configured, instructors will have the ability to add Cengage Learning iLrn content within a course.

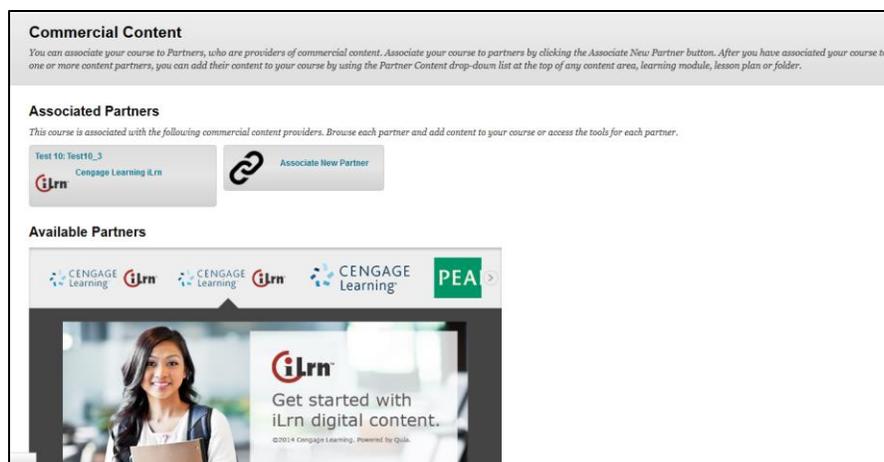
1. Using the course menu, instructors should navigate to a content area in which they wish to add a partner content item.
2. Instructors should select the **Publisher Content** option and click on **Commercial Content**.

Note: With SP13 and above the **Publisher Content** option is renamed to **Partner Content**.



3. The **Commercial Content** page will launch allowing the instructor to pick the appropriate partner content.

Associated Partners will display partners already associated to the course.



4. After selecting the desired partner, instructors will be prompted in two different ways:

Note: If Blackboard Cloud Profiles are enabled, and the instructor has not yet set up their profile, they will be prompted to complete the setup before continuing. Information on configuring Profiles can be found on the Blackboard Help site: https://help.blackboard.com/en-us/Learn/9.1_SP_10_and_SP_11/Instructor/020_My_Blackboard/About_Profiles

- a. Upon the first launch to a partner system from the selected Blackboard Learn course, the instructor will be prompted to register. Registrations will vary by partner.
- b. After the registration process is complete, subsequent visits to add partner content will take the instructor directly to the partner content selection page:

Add Cengage Learning iLrn content

Select iLrn content to add to your Blackboard course.

-  **Book links**
Links to iLrn books. Each added book link will create a new column in the Blackboard Grade Center for this course.
-  **Chapter links**
Links to specific iLrn book chapters. Each added chapter link will create a new column in the Blackboard Grade Center for this course.
-  **Book links - navigation only**
Links to iLrn Books. Adding these links will not add columns to the Blackboard Grade Center for this course.

 **iLrn Workstation**
Links directly to the iLrn Workstation.

- c. Here the instructor has four options:
- Book links:
 - a. Creates a link to iLrn books for instructor and students.
 - b. Each added book link will create a new column in the Blackboard Grade Center for this course.
 - Chapter links
 - a. Creates a link to specific iLrn book chapters for instructor and students.
 - b. Each added chapter link will create a new column in the Blackboard Grade Center for this course.
 - Book links - navigation only
 - a. Creates a link to iLrn books for instructor and students.
 - b. Adding these links **will not** add columns to the Blackboard Grade Center for this course.
 - iLrn Workstation
 - a. Creates a links directly to the iLrn Workstation for the instructor.
 - b. This item will be unavailable by default.



Accessing Cengage Learning iLrn Tools

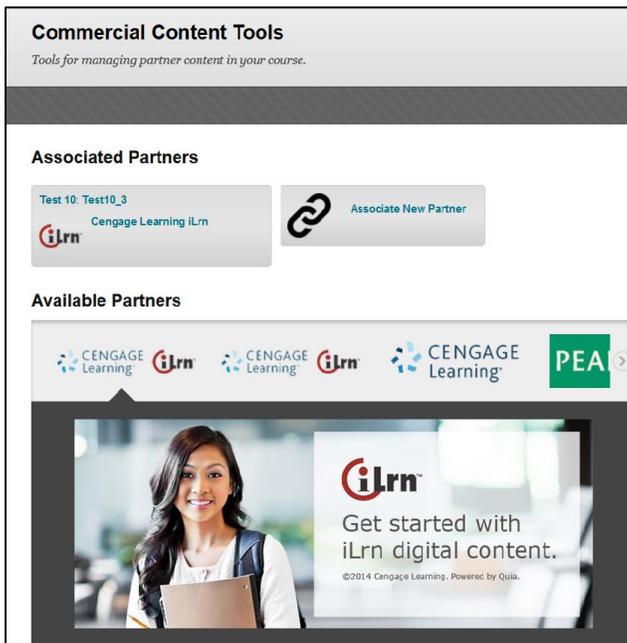
When the Partner Cloud Building Block is available and the Cengage Learning iLrn Integration configured, instructors have the ability to access the Cengage Learning iLrn tools within a course.

These are the steps to access Cengage Learning iLrn Tools:

1. Navigate to the Blackboard Course in which Cengage Learning iLrn content has been added.
2. Navigate to the menu that runs vertically on the left side of the course. Click **Tools**.
3. Select **Commercial Content Tools**. Tools are listed alphabetically.



4. Navigate to the **Associated Partners** section and click the box that contains the **Cengage Learning iLrn** option.



5. Cengage Learning iLrn tools are displayed:

Tools for Cengage Learning iLrn

Tools for iLrn linking

 **Learn More**
Learn about iLrn.

Support tools for Cengage Learning iLrn

Support tools for iLrn linking

 Cengage Learning iLrn Diagnostics <i>Run diagnostics on your Cengage Learning iLrn connection.</i>	 Sync grades <i>Immediately sync grades with iLrn.</i> Last Manual Grade Update: Tuesday, July 22, 2014 15:57:26 -0400
 Help & Support. <i>Need help? View the iLrn help site.</i>	 Roster <i>View roster with iLrn student info.</i>
 Workstation <i>Go to your iLrn workstation.</i>	

Information Transmission Summary

The following table provides a summary of the information transmitted between your school's Blackboard Learn environment and the Cengage Learning iLrn systems:

Category	Sent to Cengage Learning iLrn	Received from Cengage Learning iLrn
User Information	<p>Bb profile ID</p> <p>User IMS context role</p> <p>Optional: First name, last name, and email address to enhance the user experience. These are not sent by default. The user or the institution's system administrator must choose to send this information. This information is sent when a user clicks on links to Cengage Learning iLrn. The SSL status of these links matches exactly that of the page where the link was placed, when possible. Please note that not all Cengage Learning iLrn sites support SSL throughout; the browsing experience may drop to plain HTTP at some points while visiting Cengage Learning iLrn.</p>	<p>Account ID of the associated Cengage Learning iLrn account</p> <p>This information is always transmitted to Blackboard secured with OAuth and is only available to the student himself and the course instructor. Whether this information is presented over SSL is dictated by the local configuration of Blackboard Learn.</p>
Course Information	<p>Encrypted version of the context id (external course key) Cengage Learning iLrn does not have the ability to decrypt these identifiers.</p> <p>Course ID and course name to enhance the student experience is also sent to Cengage Learning iLrn.</p> <p>This information is sent when a user clicks on links to Cengage Learning iLrn. The SSL status of these links matches exactly that of the page where the link was placed.</p>	<p>Section ID and section status of the associated Cengage Learning iLrn section</p> <p>This information is always transmitted to Blackboard secured with OAuth and is only available to students and instructors enrolled in the course. Whether this information is presented over SSL is dictated by the local configuration of Blackboard Learn.</p>

Enrollment Information	None	<p>Cengage Learning iLrn user ID, course ID, user name, course name and IMS context role</p> <p>This information is always transmitted to Blackboard secured with OAuth and is only available to the student himself and the course instructor. Whether this information is presented over SSL is dictated by the local configuration of Blackboard Learn.</p>
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Cookies and Privacy Information

For more information about Blackboard Learn, visit the Blackboard Privacy Center at <http://www.blackboard.com/privacy/>.

For more information about Cengage Learning iLrn Privacy Policy, visit

http://hlc.quia.com/books/privacy_policy.html

Partner Cloud Support

When entering a Behind the Blackboard ticket for issues found with the integration, it is important to designate the **Issue Topic** as **Building Blocks/Extensions**, the **Functional Area** as **by Partner** and the **Category** as **Partner Cloud** or the specific partner.

Issue Topic:	Building Blocks/ Extensions
Functional Area:	by Partner
Category:	-- Choose a Category --
Subject:	-- Choose a Category -- Axiom Identify-X Analytics for Learn Atlantic Link and SCORM Atomic Learning B2 Barnes & Noble NOOKstudy Cengage Learning MindLinks CourseSmart Echo360 eInstruction CPS Ellucian Colleague ExamSoft B2 eXpolorance (Blue Portal Integrator) Follett CafeScribe Internships.com
Description:	