

Instruct: Launching Insights via LTI (Blackboard)

Insights is the analytics/reporting platform for Credo Learning Tools products, including Instruct. Integrating Insights into the LMS using LTI allows instructors to view their course's assessment data without requiring separate Instruct admin credentials.

This integration is meant for use only in courses where LTI is already being used for students to access the material; if students are using other integration methods (suchs as accessing via proxy/IP authentication), it will not work properly.

The integration works by adding Insights as a new tool provider in your LMS. Then, when the launch URL is added to a particular course, Insights will filter the assessment report to show only the assessment data from that course.

1. Add an external tool provider in the Blackboard System Administration settings

This is a one-time step which sets up the Insights tool as a registered tool provider in your system.

Go to System Admin > Integrations > LTI Tool Providers.

is here!

Enable!

Important: If you change your mind after enabling the Ultra experience, your Test environment will need to be recreated entirely. All data will be lost. Contact Blackboard Support on Behind the Blackboard™ to arrange a system reset.

Security

- Privileges
- Session Fingerprint Settings
- Gateway Options
- Hostname Configuration
- Alternate Domain for Serving Content
- Safe HTML Filters
- Input Validation Filter
- Cookie Disclosure

Integrations

- Data Integration
- Authentication
- Building Blocks
- Web Services
- LTI Tool Providers**
- Proctoring Services
- REST API Integrations

Tools and Utilities

Then click "Register Provider Domain."

LTI Tool Providers

This report is available to show all provider domains in use in the system, including the status. Domains can be approved, excluded, and deleted.

Manage Global Properties

Register Provider Domain

Fill in the following fields:

* Provider Domain: insights.credoeducation.com

* Provider Domain Status: Approved

PROVIDER DOMAIN STATUS

Set the status of the provider domain. You can also provide a list of additional hostnames to share this configuration if needed.

* Provider Domain

Provider Domain Status Approved
 Excluded

Secondary Hostnames

* Default Configuration: Set Globally

* Tool Provider Key: A consumer key will be provided for you by Credo - it will be different than the one used to launch Instruct.

* Tool Provider Secret: A shared secret will be provided for you by Credo - it will be different than the one used to launch Instruct.

DEFAULT CONFIGURATION

LTI Tool Providers can request configuration per link, or can provide key and shared secret information for site-wide configuration.

Default Configuration Set separately for each link
 Set globally

* Tool Provider Key

* Tool Provider Secret

* Send User Data: Select "Send user data only over SSL" or "Send user data over any connection" according to your preference.

* User fields to send: Role in course, name, email address

* Show user acknowledgement message: No

INSTITUTION POLICIES

Choose whether you want to override the institution policies for this specific tool provider domain.

Send User Data

- Never
- Send user data only over SSL
- Send user data over any connection

User Fields to Send

- Role in Course
- Name
- Email Address

Allow Membership Service
Access

- Yes
- No

Show User Acknowledgment
Message

You can edit the user acknowledgment message when Membership Service is disabled.

- Yes
 - No
-

Click “Submit” to save the tool provider.

2. Create a Placement

In this step, you configure the launch URL for the Insights Assessment Report and associate it with the tool provider you created in Step 1. Once this setup is done, instructors can select the Insights tool from the Course Tools menu of their course, without needing to configure it themselves.

After saving the tool provider configuration (Step 1), go back to the LTI Tool Providers page, and click the menu button next to the insights.credoeducation.com listing on your tool provider list. Select “Manage Placements” from the menu.

LTI Tool Providers
This report is available to show all provider domains in use in the system, including the status. Domains can be approved, excluded, or deleted.

Manage Global Properties Register Provider Domain

TOOL/PROVIDER	TOOL TYPE	STATUS
<input type="checkbox"/> developer.blackboard.com	Provider Domain	Approved
<input type="checkbox"/> frame.credocourseware.com	Provider Domain	Approved
<input checked="" type="checkbox"/> insights.credoeducation.com	Provider Domain	Approved
<input type="checkbox"/> lms.nimblywise.com	Provider Domain	Approved
<input type="checkbox"/> lms.test.nimblywise.com	Provider Domain	Approved

A context menu is open over the 'insights.credoeducation.com' row, with 'Manage Placements' highlighted in red. The menu options are: Edit, Manage Placements, Usage Report, Approve, Exclude, and Delete.

Then, click the “Create Placements” option that appears.

Manage Placements: insights.credoeducation.com
Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not delete any content associated with it.

Create Placement

In the Create Placement page, fill out the form as follows:

- * Label: Give the placement a name. This will be the display name that appears to instructors as an option in their courses, so choose something that they will be able to recognize.
- * Handle: This is an internal value that becomes a database entry, so choose something unique.
- * Availability: Yes
- * Type: Course Tool

- “Non-student” will be checked by default. Do not check “Student” as this tool should only be available to instructors.

* Launch in new window: Check this box if you want the tool to open in a new tab; leave unchecked for it to display embedded in the Blackboard page.

PLACEMENT INFORMATION

* Label

Credo Insights Assessment Report

This is the label that will show up in the course.

Description



* Handle

Insights Assessment Report

This uniquely identifies the placement.

* Availability

Yes No

Make placement available to course builders and instructors

Type

Course tool

Student

Non-student

Course content tool

Supports deep linking

Allows grading

System tool

Administrator tool

Placement Type determines where this tool appears in Blackboard Learn. The tool can be placed in a course or made a

Launch in New Window



Icon

Browse

Upload a custom icon that will be shown in the course. The size of the icon should be 50 by 50 pixels.

Under the Tool Provider Information heading, enter this launch URL for the Assessment report in the “Tool Provider URL” field:

https://insights.credoeducation.com/lti_provider/report/assessments/

TOOL PROVIDER INFORMATION

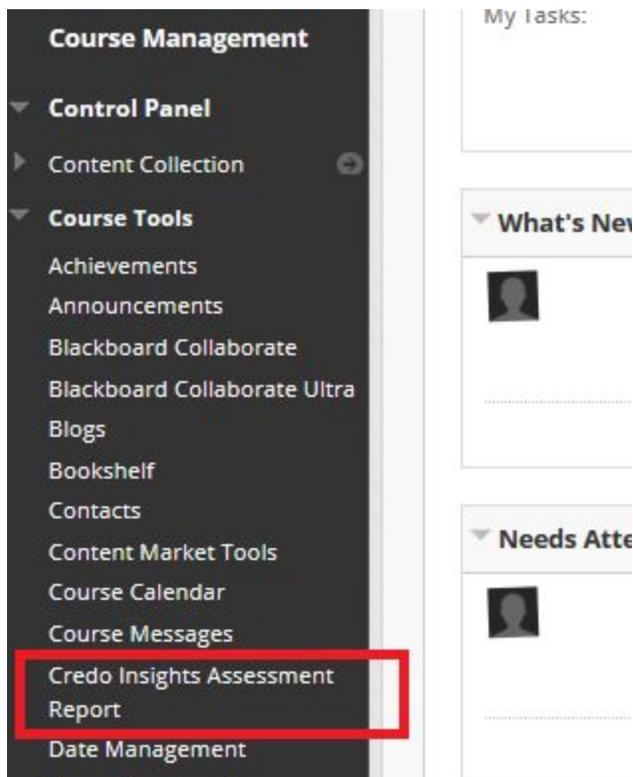
Enter the Tool Provider Information. The Tool Provider URL must be located on one of the configured host names.

★ Tool Provider URL	<input type="text" value="https://insights.credoeducation.com/lti_provider/report/assessment"/>
	<small>This field may change when B2 upgrades occur.</small>
★ Tool Provider Key	<input type="text" value="803564f40cc7a8519dbd"/>

The Tool Provider Key and Secret will populate automatically from the values entered in step 1. Click "Submit" to save the placement.

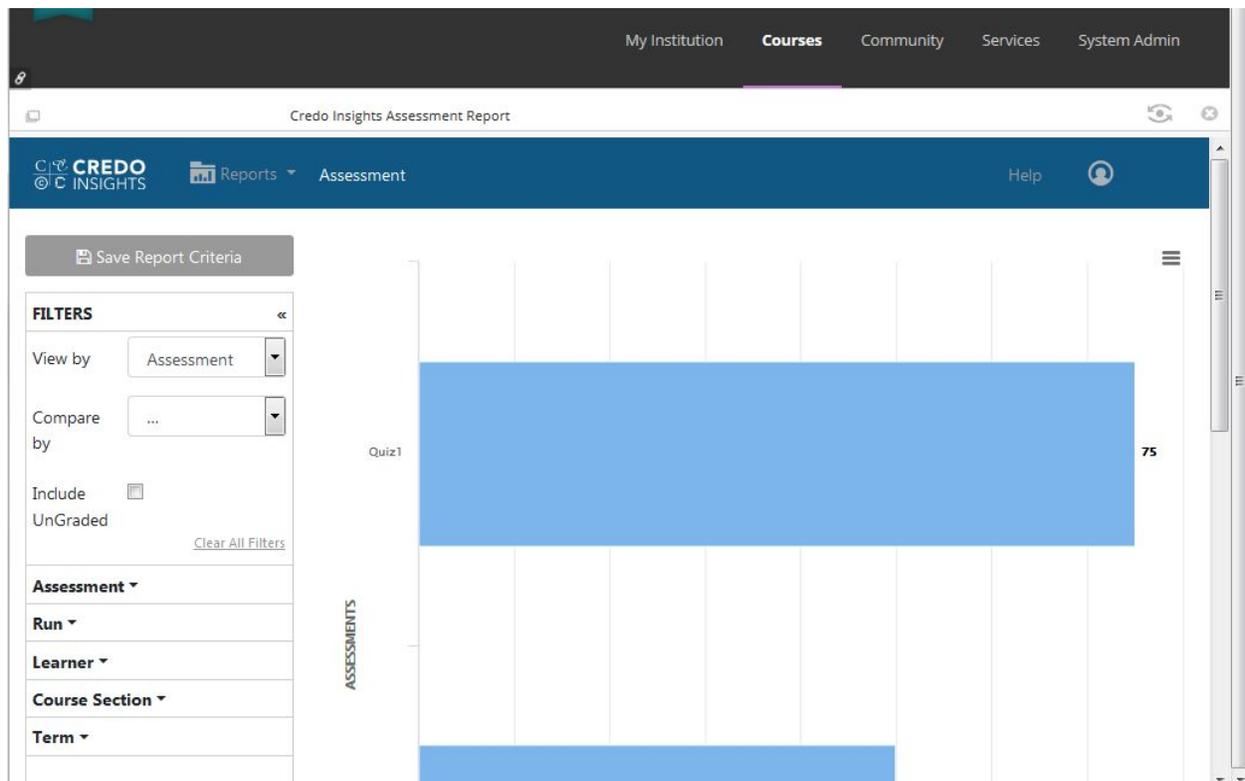
3. Launch

Once the Insights tool has been added in the System Admin Settings, the instructor can click on this link at any time to launch the Assessment report for the course. The option can be found in the "Course Tools" menu in the Course Management area of their course.



The report will automatically filter to show only data which came from the same Blackboard course where the link is being launched. To see data for a different course, the instructor should add the report separately to that other course.

Insights will only allow access to Blackboard accounts that have an instructor role in the course.



Once the report is launched, the instructor can use all of the Insights functionality to analyze their class data: sort and filter, drill down to answer-level responses, compare individual learner scores, etc. They can also export the report to CSV.