

## **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**

Administrators

work

Settings

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**

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*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**

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*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

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\* 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

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*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 |

Context menu for insights.credoeducation.com:

- Manage Placements
- Usage Report
- Approve
- Exclude
- 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/](https://insights.credoeducation.com/lti_provider/report/assessments/)

## TOOL PROVIDER INFORMATION

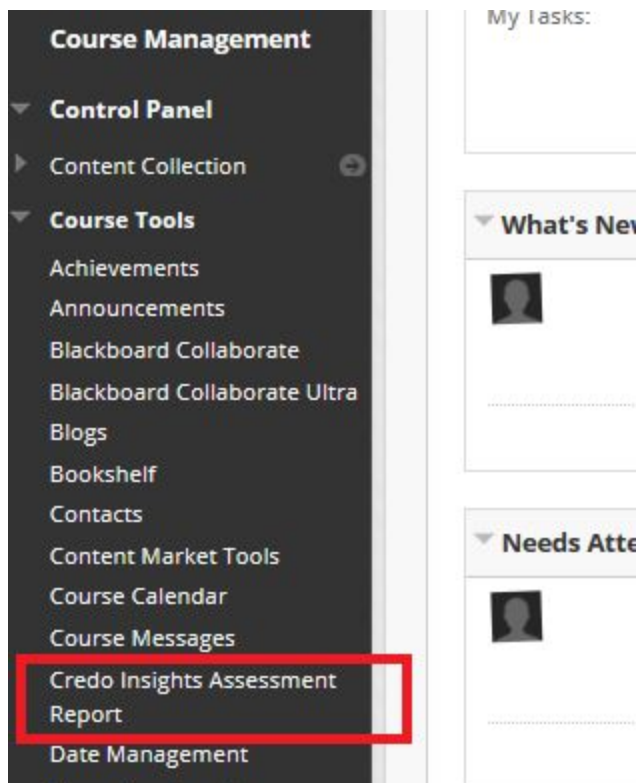
Enter the Tool Provider Information. The Tool Provider URL must be located on one of the configured host names.

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

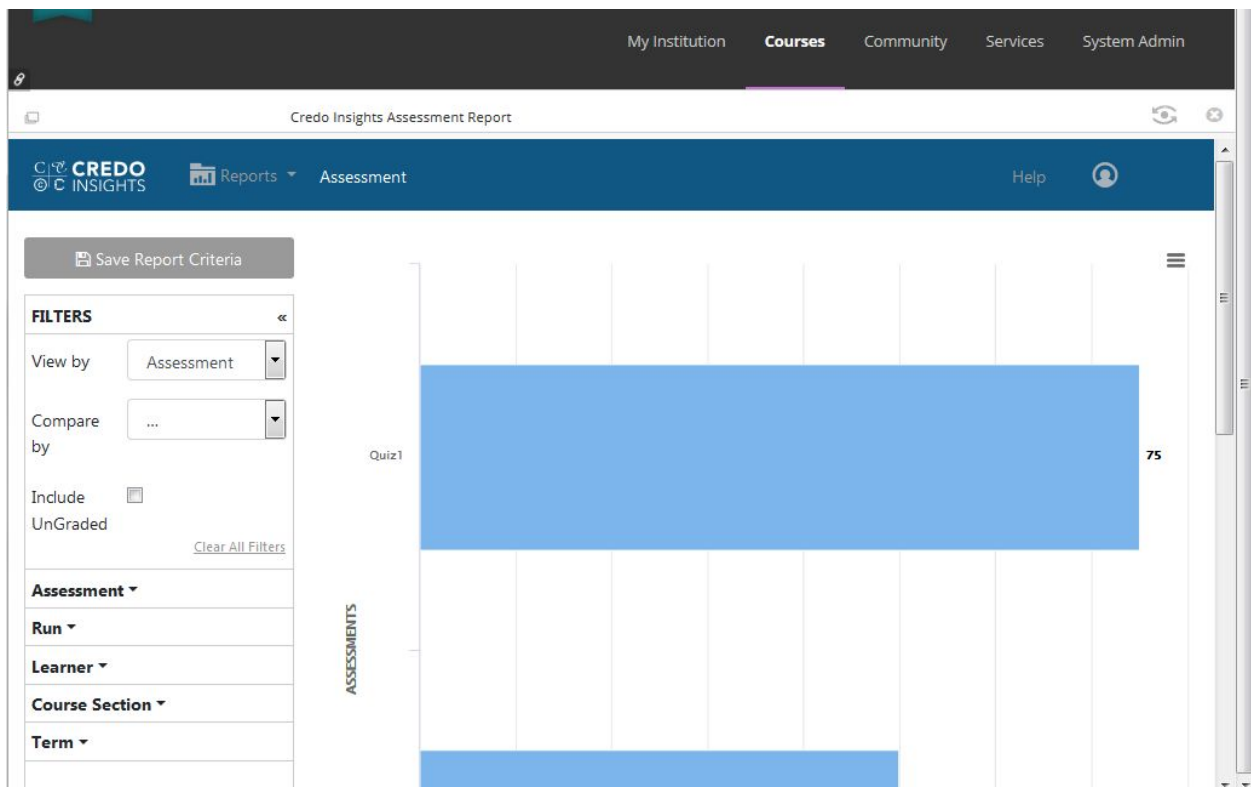
### 3. Launch

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.