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Introduction
The purpose of this document is to provide the steps and details needed by the LMS Administrator to add McGraw Hill GO to Blackboard. Complete the steps in partnership with your McGraw Hill representative to ensure proper set-up.

- Confirm with your McGraw Hill representative that they have completed their steps for initial integration.
- Configure LTIA for McGraw Hill GO, as shown in the first part of this guide.
- Configure REST API for McGraw Hill, as shown in the second part of this guide.
- Contact your McGraw Hill representative to complete the integration.
- Contact McGraw Hill Support (see last page) if you have any questions or encounter any problems with the set-up.
Configure LTIA for McGraw Hill GO in Blackboard

**STEP 1:** Log in as Bb Administrator and go to Administrator Tools

**STEP 2:** Click LTI Tool Providers in the Integrations section

**STEP 3:** Select Register LTI 1.3/Advantage Tool

**STEP 4:** Enter the McGraw Hill GO **Client ID** provided by your MH representative and click Submit
STEP 5: On the Tool Status page, note the **Deployment ID** generated by Blackboard for the new tool and provide this to your McGraw Hill representative.

Set the **Tool Status** to **Approved**, and confirm the value of the **lms_installation_id** with your MH rep.
On the Tool Status page, under **INSTITUTION POLICIES**, set as shown below and click **Submit**.

- **User Fields to Send** – check all
- **Allow grade service access** – Yes
- **Allow Membership Service Access** - Yes

### INSTITUTION POLICIES

You can change the following settings for this tool. The fields use global values by default.

**User Fields to Send**
- Role in Course
- Name
- Email Address

**Allow grade service access**
- Yes
- No

**Allow Membership Service Access**
- Yes
- No

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**STEP 6:** On the LTI Tool Providers page, select **Manage Placements** for the *McGraw Hill GO* tool.

On the **Manage Placements** page, click **Create Placement**.

### Create Placement

The provider specified will always be available through the Create URL workflow. Set the options below if you want this provider to also appear by name to Course Builders and Instructors.

- Indicates a required field.

#### PLACEMENT INFORMATION

- **Label**
  
  McGraw Hill GO
  
  The label that displays in the course

- **Description**
  
  For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).

- **Handle**
  
  mcgrawhillgo
  
  Uniquely identifies the placement

- **Availability**
  
  Yes
  
  No
  
  Make placement available to course builders and instructors

  Uniquely identifies the placement
On the Create Placement page enter/select the following and click Submit.

- **Label** - McGraw Hill GO
- **Handle** - mcgrawhillgo
- **Set Availability to Yes**

### Create Placement

<table>
<thead>
<tr>
<th>PLACEMENT INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Label</strong></td>
</tr>
<tr>
<td>McGraw Hill GO</td>
</tr>
<tr>
<td>The label that displays in the course</td>
</tr>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).</td>
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</tr>
<tr>
<td>mcgrawhillgo</td>
</tr>
<tr>
<td>Uniquely identifies the placement</td>
</tr>
<tr>
<td><strong>Availability</strong></td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>Make placement available to course builders and instructors</td>
</tr>
<tr>
<td>Uniquely identifies the placement</td>
</tr>
</tbody>
</table>

- **Set Type to Deep Linking content tool**

<table>
<thead>
<tr>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placement Type determines where this tool appears in Blackboard Learn. The tool can be placed in a course or made available for specific users. Learn more about placement types.</td>
</tr>
<tr>
<td>Deep Linking content tool</td>
</tr>
<tr>
<td>Allow student access</td>
</tr>
</tbody>
</table>

- **MH rep will provide Icon**
- **Set Target Link URL to** [https://goldy.router.integration.prod.mheducation.com/v1/lms/ltiv1p3](https://goldy.router.integration.prod.mheducation.com/v1/lms/ltiv1p3)

### TOOL PROVIDER INFORMATION

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

<table>
<thead>
<tr>
<th>Target Link URL</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://goldy.router.integration.prod.mheducation.com/v1/lms/ltiv1p3">https://goldy.router.integration.prod.mheducation.com/v1/lms/ltiv1p3</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tool Provider Custom Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>organization_xid=urn.com.mheducation.openlearning.enterprise.organization_id=1b46d02-e6d3-4ecb-a0b8919e4f66</td>
</tr>
<tr>
<td>course_api_id=1x@course_pl_string=x@</td>
</tr>
<tr>
<td>lms_installation_id=37899939-9ee87-11ed-a742-0a3238414663</td>
</tr>
</tbody>
</table>

Enter any custom parameters required by the tool provider. Parameters must each be on their own line and be entered in "name=value" format.

- **Click Submit (Tool Provider Custom Parameters will auto-populate).**

**STEP 7: Contact** your MH representative to confirm the results of your setup in Blackboard.
Configure REST API for **McGraw Hill GO** in Blackboard

**STEP 1:** Log in as Bb Administrator and go to **Administrator Tools**

**STEP 2:** Select **System Roles** in the **Users** section

<table>
<thead>
<tr>
<th>Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customize User Information</td>
</tr>
<tr>
<td>Institution Roles</td>
</tr>
<tr>
<td>System Roles</td>
</tr>
<tr>
<td>Course/Organization Roles</td>
</tr>
</tbody>
</table>

**STEP 3:** Click **Create Role**

3.1. On the **Role Properties** page, key the following and click **Submit**.

- **Role Name:** **McGraw Hill Minimum Permission**
- **Role ID:** **MH_MIN_PERMISSION**
- **Description:** This is the minimum permission set that McGraw Hill needs for the REST API with LTI Advantage

3.2. On the **Manage Privileges** page, scroll to the bottom and click **Show All**.

3.3. Scroll back to the top of the page and check the box next to **PERMITTED**.

3.4. Click **Privileges** and select **Restrict Privileges**
3.5. Find the and select the follow **Privileges**

- Administrator Panel (Courses) > Courses
- Course/Organization (Content Areas) > Edit Materials
- Course/Organization (Content Areas) > Delete Materials

3.6. Click **Privileges** and select **Permit Privileges**

STEP 4: In **Administration Tools** click **Users** under **Users**

4.1. Click **Create User**

4.2. Fill in the information below and click **Submit**

- **First Name**: McGrawHillb
- **Last Name**: BlackboardRESTAPIc
- **Username**: mcgrawhill_blackboardRESTAPIId
- **Password**: { institution choice}
- **Institution Roles**: Facultyf
- **System Roles**: McGrawHill Minimum Permissions
STEP 5: In Administration Tools click REST API Integrations under Integrations

5.1. Click Create Integration

![Create Integration](image)

5.2. On the GENERAL INFORMATION page, fill in the following and click Submit

- **Application ID:** 3cd19d20-61e9-47de-ae9d-d9f3517ad786
  i. This is the same ID as in Step 4 of the LTIA setup.
- **Learn User:** mcgrawhill_blackboardRESTAPI
- **End User Access:** Yes
- **Authorized to Act AS User:** Service Default (No)
Support for McGraw Hill GO

Questions? Contact our Technical Support team here.