

Install LMS Bridge in Moodle

Learning Mastery Support · free & open-source LTI 1.3 / Advantage tool · lmsbridge.app

You need **LMS-admin** access. Replace `YOUR-HOST` with your LMS Bridge address. These URLs (also at `/api/v1/lti/config` and the admin **LMS (LTI)** tab) are what the LMS needs:

OIDC login URL	<code>https://YOUR-HOST/api/v1/lti/login</code>
Launch / Target Link URI	<code>https://YOUR-HOST/api/v1/lti/launch</code>
Redirect URI	<code>https://YOUR-HOST/api/v1/lti/launch</code>
Public keyset (JWKS) URL	<code>https://YOUR-HOST/api/v1/lti/jwks</code>
Dynamic Registration URL	<code>https://YOUR-HOST/api/v1/lti/register</code>

Register (Dynamic Registration — recommended)

- 1 **Site administration** → **Plugins** → **Activity modules** → **External tool** → **Manage tools**.
 - 2 **Tool URL** = `https://YOUR-HOST/api/v1/lti/register` → click **Add LTI Advantage** (not “Add Legacy LTI”).
 - 3 Confirm in the LMS Bridge panel; the tool appears under **Pending**.
 - 4 **Activate** it (Pending → Active) and set **Show in activity chooser**.
- Manual alternative:** “configure a tool manually”: Tool URL = `/launch`; LTI version = **LTI 1.3**; Public key type = **Keyset URL** = `/jwks`; Initiate login URL = `/login`; Redirection URI = `/launch`; Services: AGS = grade sync & column management, NRPS = retrieve members.

Moodle platform values (Tool configuration details → LMS Bridge)

Platform ID → issuer	your Moodle base URL
Client ID	(generated by Moodle)
Deployment ID	(generated by Moodle)
Auth request (auth_login_url)	<code>.../mod/lti/auth.php</code>
Access token (auth_token_url)	<code>.../mod/lti/token.php</code>
Public keyset (key_set_url)	<code>.../mod/lti/certs.php</code>

Identical across Moodle 4.0–5.2.

Instructor places it

Course → **Edit mode** → **Add an activity or resource** → **LMS Bridge** (or External tool → Preconfigured tool = LMS Bridge). Click **Select content** for deep linking.

After any launch, LMS Bridge auto-provisions the user, course, and role (no extra password). Free & open-source under AGPL-3.0. UI labels verified against current vendor docs (2025–2026); confirm against your LMS version. Full guide: docs/INSTALL_LTI.md.