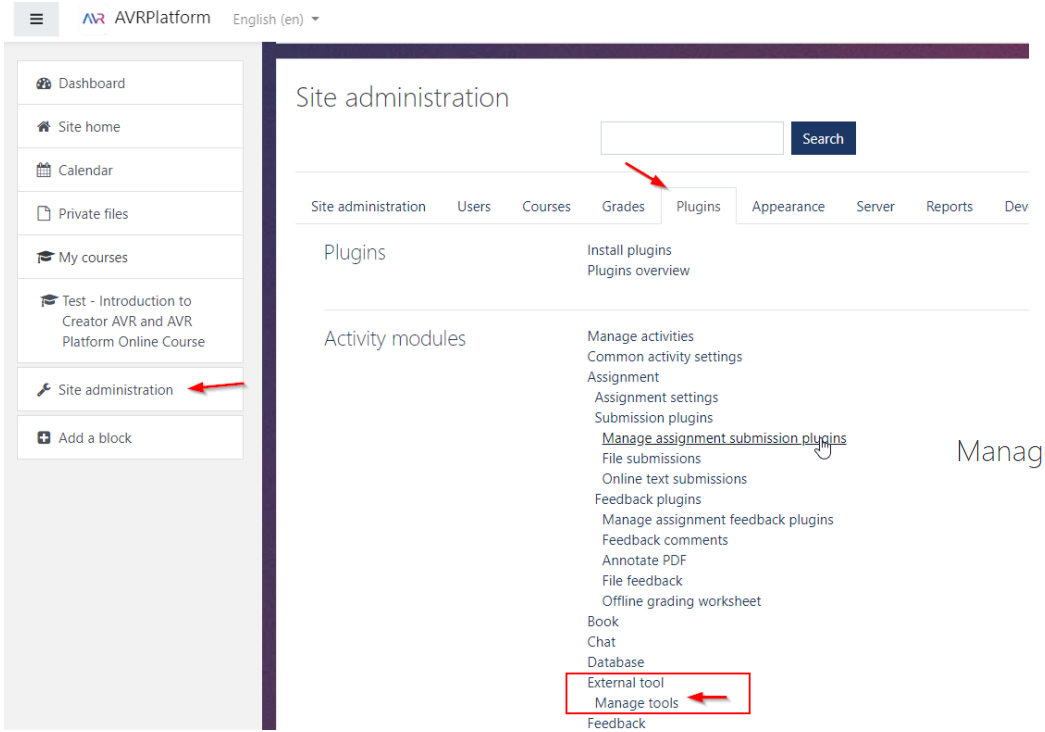
LTI integration for Sakai, Moodle & Canvas

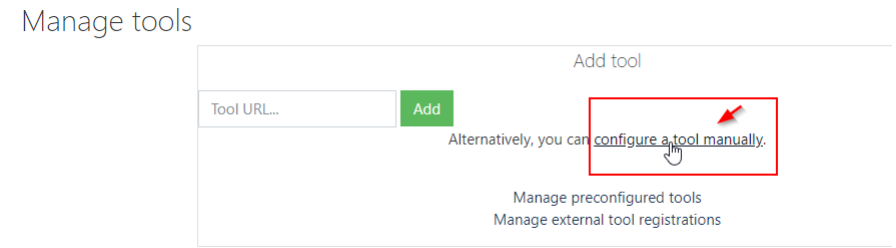
Setting up LTI for SSO

Updates for LTI

- Sakai setting is different as compared to CANVAS
  - To explore option for more generic LMS and have a part for the XML
- LTI setting needs to be accessible by all admin
  - Settings is viewable by all
    - Config setting (by root adm)
    - LTI by all admin
- If LTI setting is not configured correctly, it will fail.
  - Do we have logging?
  - Best to log the entire request (textfile) and (audit success and fail LTI) calls
    - This affects reports (login report)
    - To the event that we need to call when login success or fails.
    - Audit account provision, success and failure.

Configuring LTI/SSO on Moodle





External tool configuration

Tool settings

Tool name: eon-xr-beta

Tool URL: https://betaaccount.eon-xr.com/LTI/Launch

Tool description: https://betaaccount.eon-xr.com/LTI/Launch

LTI version: LTI 1.0/1.1

Consumer key: Q5JwrCzgrGu3ZPTk6L/1T4

Shared secret: ••

Custom parameters:

Tool configuration usage: Show as preconfigured tool when adding an external tool

Default launch container: New window

Services

IMS LTI Assignment and Grade Services: Do not use this service

IMS LTI Names and Role Provisioning: Use this service to retrieve members' information as per privacy settings

Tool Settings: Use this service

Privacy

Share launcher's name with tool: Always

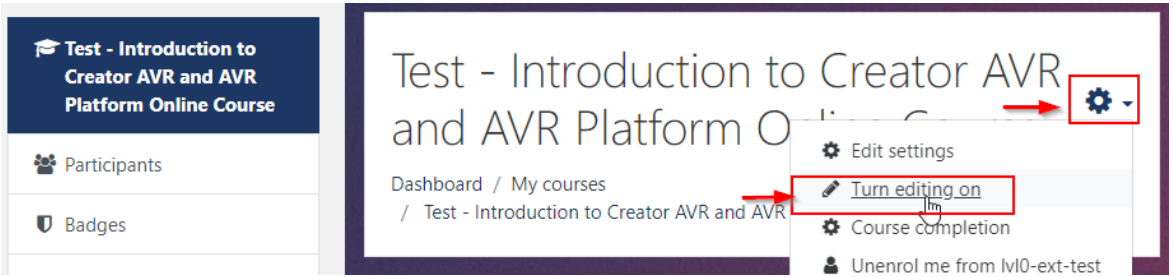
Share launcher's email with tool: Always

Accept grades from the tool: Delegate to teacher

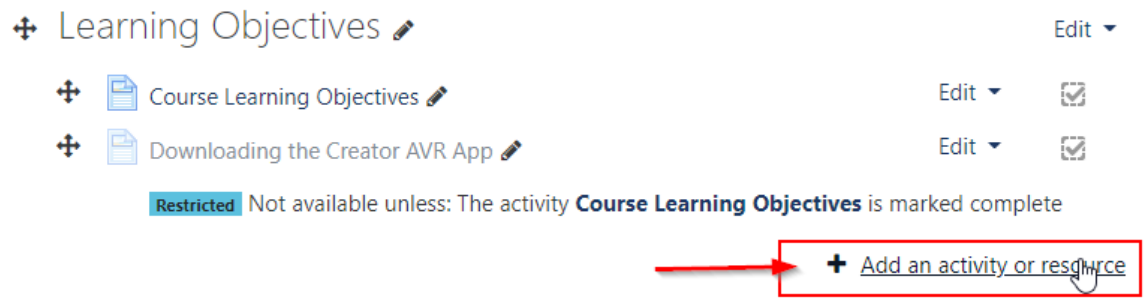
Force SSL

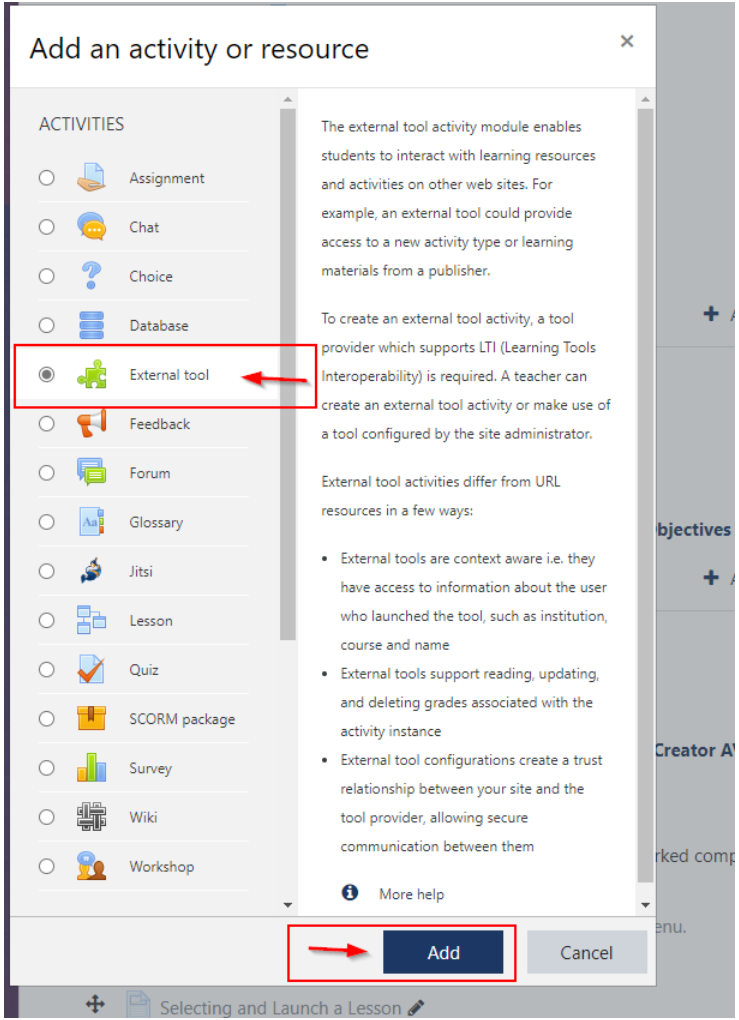
How to integrate the LTI SSO in a moodle course

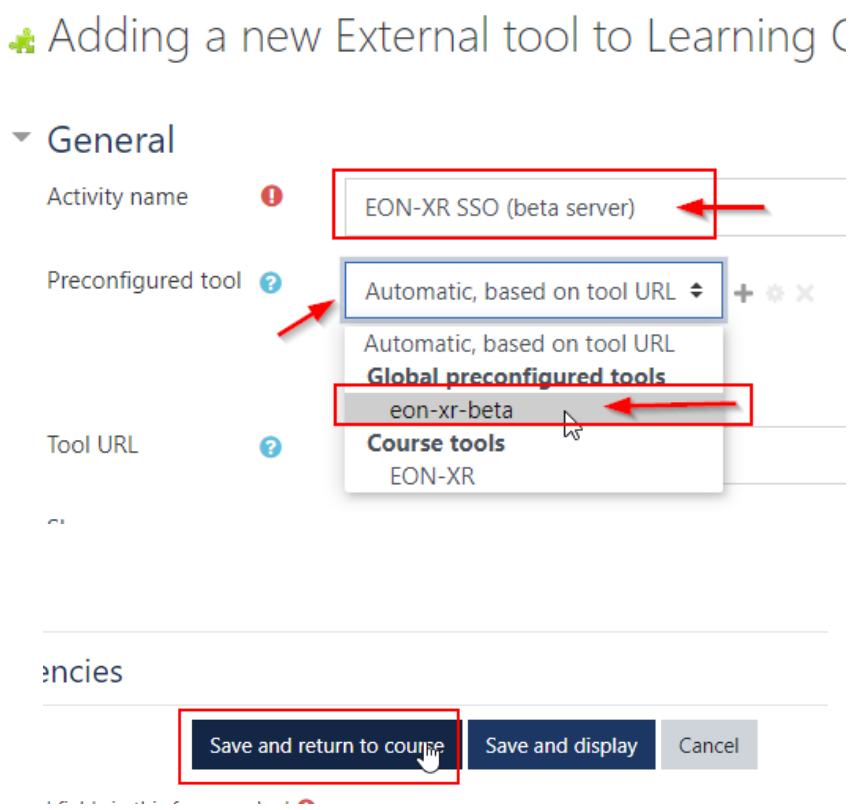
1. Open your course, and turn on editing



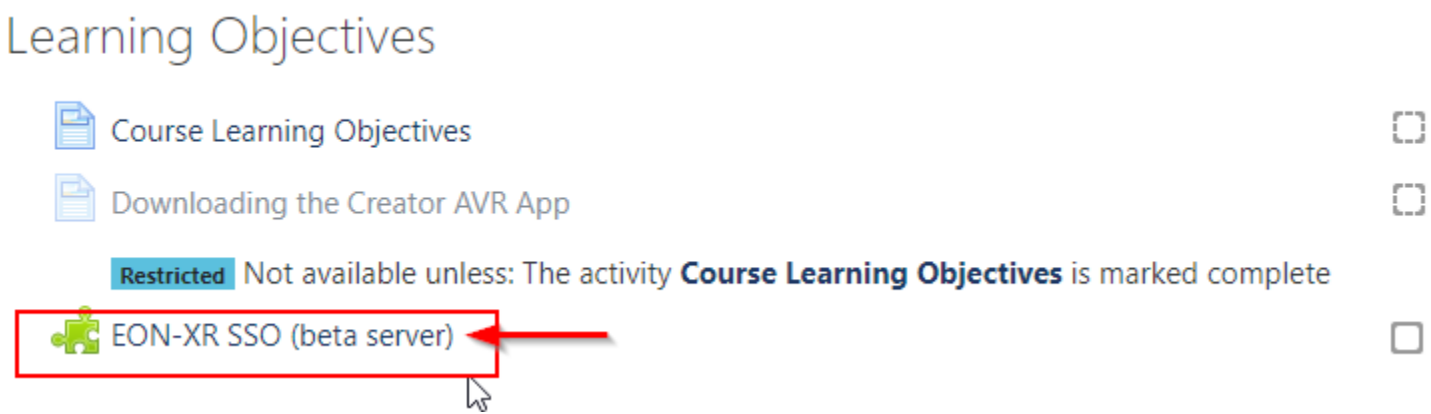
2. Go to a section and add an activity




Add an activity or resource
ACTIVITIES
Assignment
Chat
Choice
Database
External tool
Feedback
Forum
Glossary
Jitsi
Lesson
Quiz
SCORM package
Survey
Wiki
Workshop
The external tool activity module enables students to interact with learning resources and activities on other web sites. For example, an external tool could provide access to a new activity type or learning materials from a publisher.
To create an external tool activity, a tool provider which supports LTI (Learning Tools Interoperability) is required. A teacher can create an external tool activity or make use of a tool configured by the site administrator.
External tool activities differ from URL resources in a few ways:
External tools are context aware i.e. they have access to information about the user who launched the tool, such as institution, course and name
External tools support reading, updating, and deleting grades associated with the activity instance
External tool configurations create a trust relationship between your site and the tool provider, allowing secure communication between them
More help
Add
Cancel
Selecting and Launch a Lesson


Adding a new External tool to Learning
General
Activity name
EON-XR SSO (beta server)
Preconfigured tool
Automatic, based on tool URL
Automatic, based on tool URL
Global preconfigured tools
eon-xr-beta
Course tools
EON-XR
Tool URL
Save and return to course
Save and display
Cancel

Next turn off Editing, and click on the link



On click, it will open a new windows and SSO user into EON-XR

Canvas Settings

See video

https://drive.google.com/file/d/1YYV7ZBxPgo9BvGObvplY39OaU_Mk-3qt/view?usp=sharing

Add App

Configuration Type

Manual Entry

Name

Name

Consumer Key

Consumer Key

Shared Secret

Shared Secret

Launch URL

Launch URL

Domain

Domain

Privacy

Anonymous

Custom Fields

Custom Fields

One per line. Format: name=value

Description

Description

Cancel

Submit

*Launch URL

https://tpi.bb.pearsoncmg.com/lti/basic/

Tool settings

Tool name

Tool URL

Tool description

LTI version

LTI 1.3

Public key

Initiate login URL

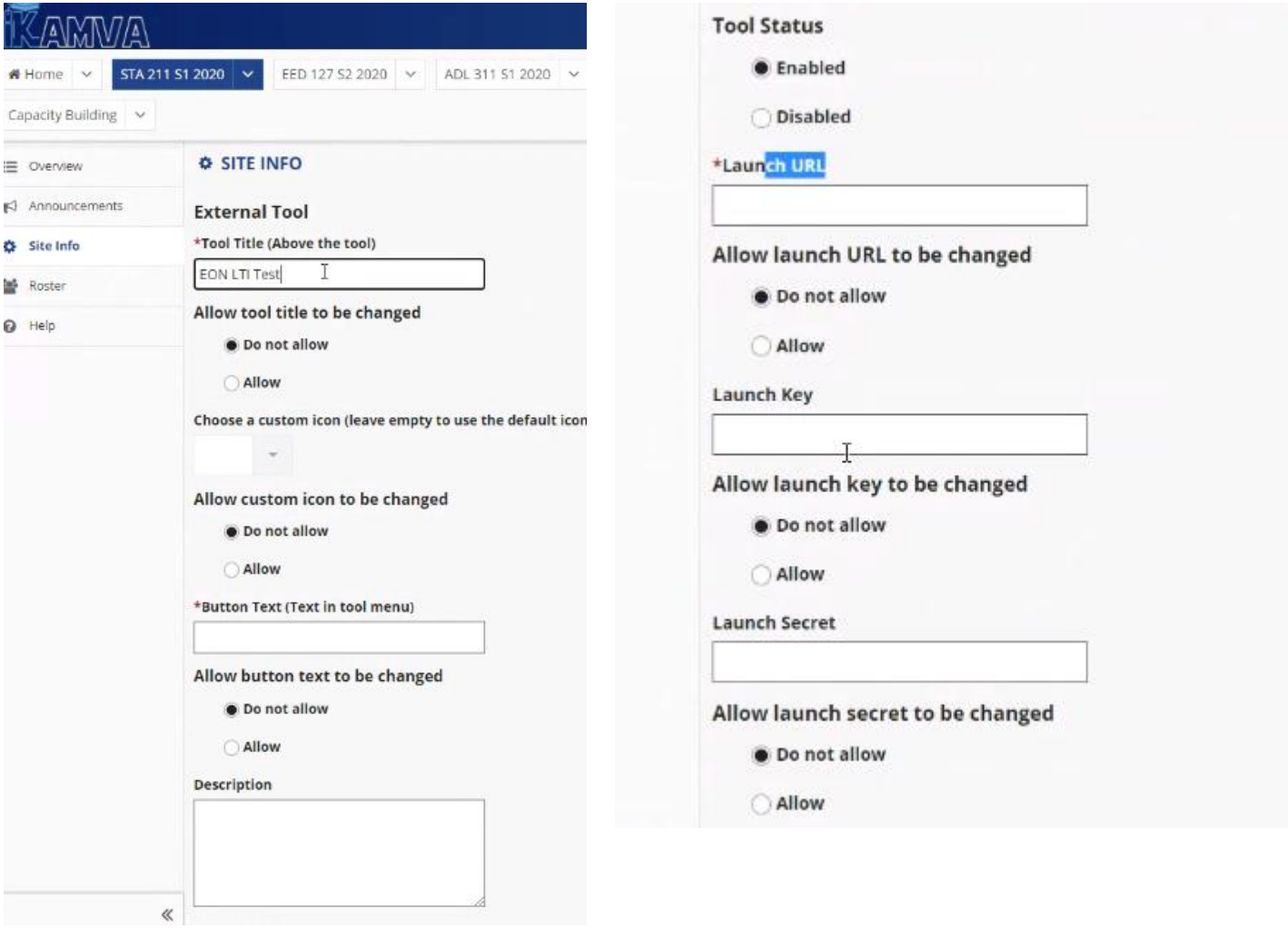
Redirection URI(s)

Custom parameters

Tool configuration usage

meet.google.com is sharing your screen. Stop sharing Hide

Sakai Settings (coming soon)


KAMVA
Home
STA 211 S1 2020
EED 127 S2 2020
ADL 311 S1 2020
Capacity Building
Overview
Announcements
Site Info
Roster
Help
SITE INFO
External Tool
*Tool Title (Above the tool)
EON LTI Test
Allow tool title to be changed
Do not allow
Allow
Choose a custom icon (leave empty to use the default icon
Allow custom icon to be changed
Do not allow
Allow
*Button Text (Text in tool menu)
Allow button text to be changed
Do not allow
Allow
Description
Tool Status
Enabled
Disabled
*Launch URL
Allow launch URL to be changed
Do not allow
Allow
Launch Key
Allow launch key to be changed
Do not allow
Allow
Launch Secret
Allow launch secret to be changed
Do not allow
Allow

Frame Height

Tool Order (Only valid for tools placed in all sites)

Allow frame height to be changed

- Do not allow
- Allow

Configuration dialog when tool is selected

- Bypass configuration dialog
- Show configuration dialog

Privacy Settings:

- Send User Names to External Tool
- Send Email Addresses to External Tool

Services:

- Allow External Tool to return grades
- Allow External Tool to create grade columns
- Provide Roster to External Tool
- Allow External Tool to store setting data

Allow the tool to be used from the rich co

Launch in Popup

- Never launch in Popup
- Always launch in Popup
- Allow popup to be changed

Debug Launch

- Never launch in debug mode
- Always launch in debug mode
- Allow debug mode to be changed

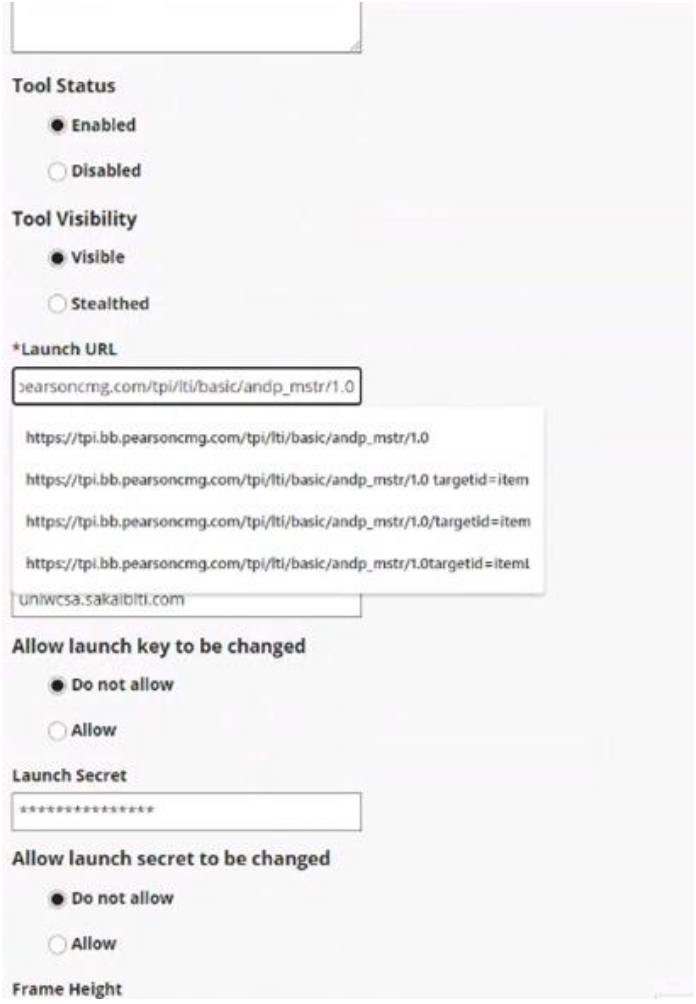
Custom Parameters (key=value on separate lines)

- Allow additional custom parameters

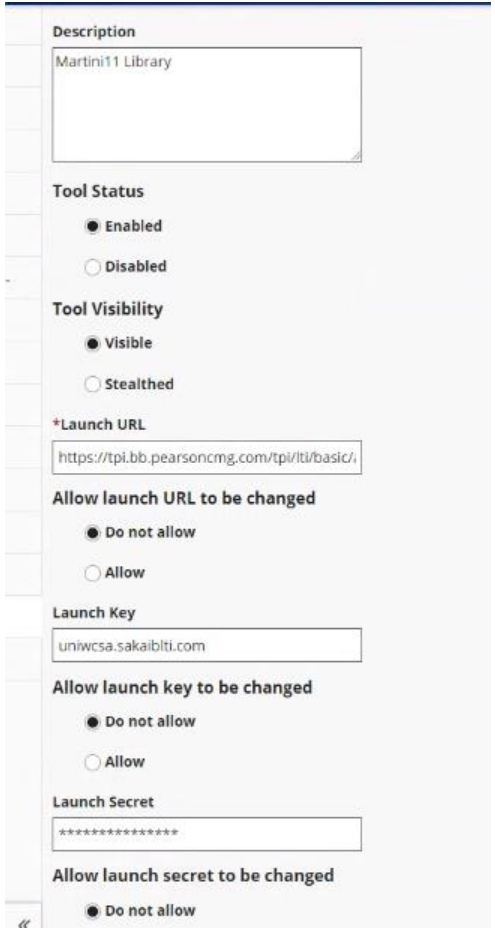
Splash Screen (If this is non-blank it is shown before the tool is launched)

Indicate the following types of Content Item/Deep Link Selection launches this tool can handle. Not all tools can handle types of launches. If you enable a tool which is not capable of responding to a particular request, it will likely fail when you try to use it.

- Allow the tool to be launched as a link (this is typically true for most tools)
- Allow external tool to configure itself (the tool must support the IMS Content-Item or Deep-Link message)
- Allow the tool to be used from the rich content editor to select content (the tool must support the IMS Content-Item or Deep-Link message)


Tool Status
Enabled
Disabled
Tool Visibility
Visible
Stealthed
*Launch URL
earsoncmg.com/tpi/lti/basic/andp_mstr/1.0
https://tpi.bb.pearsoncmg.com/tpi/lti/basic/andp_mstr/1.0
https://tpi.bb.pearsoncmg.com/tpi/lti/basic/andp_mstr/1.0 targetid=item
https://tpi.bb.pearsoncmg.com/tpi/lti/basic/andp_mstr/1.0/targetid=item
https://tpi.bb.pearsoncmg.com/tpi/lti/basic/andp_mstr/1.0targetid=itemL
uniwcsa.sakaibti.com
Allow launch key to be changed
Do not allow
Allow
Launch Secret
Allow launch secret to be changed
Do not allow
Allow
Frame Height

Allow the tool to be one of the assessment types
Launch in Popup
Never launch in Popup
Always launch in Popup
Allow popup to be changed
Debug Launch
Never launch in debug mode
Always launch in debug mode
Allow debug mode to be changed
Custom Parameters (key=value on separate lines)
targetid=itemLibrary
book=global_martini11
Manually map Sakai roles to IMS roles. Example: maintai


Description
Martini11 Library
Tool Status
Enabled
Disabled
Tool Visibility
Visible
Stealthed
*Launch URL
https://tpi.bb.pearsoncmg.com/tpi/lti/basic/
Allow launch URL to be changed
Do not allow
Allow
Launch Key
uniwcsa.sakaibti.com
Allow launch key to be changed
Do not allow
Allow
Launch Secret
Allow launch secret to be changed
Do not allow