

Adding a Product Integration

This page describes various activities you can perform when managing product integrations.

Configuring Product Integrations

This section describes configuration options common to most product integrations. For information relevant to specific product integrations, see the [Product Integrations](#) page.

To use the product integrations, select **Product Integrations** from the main menu. The list of products you configured appears. To add a product integration instance, click **Add Product Integration**.

Configuration Option	Description	Mandatory	Data Type	Default	Example
Manage Integration					
Enable Product Integration	Select to enable the product integration on the user's app.	No	Check box	Yes	
Product Integration Description	A description of the product integration for internal use	Yes	Description	-	
Screen Title	The title that appears in the top header of the service This is the title that end users see at the top of the PI's page in the app. However, it is not included in searches. Thus, if end users search for this feature by this title, they may not find it. On the other hand, the Title of the tile that opens the PI (configured in App Builder; see Configuring Services) is included in searches. It is therefore recommended that this Screen Title match both the Title of the tile and its label, so that end-users can find the tile by searching.	No	String	Moodle	
Look and Feel					
Primary Theme Color	Select a color for the main elements on the page	No	Color Picker	#444444	
Secondary Theme Color	Select a color for the secondary elements on the page	No	Color Picker	#6f8ea4	

Configuration Option	Description	Mandatory	Data Type	Default	Example
Text/Labels Edit the labels that the user will see in the product integration.					
Live Tile Defines the live tile behavior.					
API Configuration This section contains the API details to define the API structure. You can test the API configuration. See Testing API Product Integration Configuration .					
URL to retrieve the information	The URL for the Web service.	Yes			
Response Content Type	The web service's response content type.	No			
Response Object Type	What you expect as the top-level object from the API endpoint.	No	String	Object	
URL Query Parameters	The parameters sent as part of the query.	No			For <code>https://someHostName/serviceName?username={user}</code> , the query parameter is username.
URL Path Parameters	The parameters sent as part of the path.	No			For <code>https://someHostName/serviceName/username</code> , the path parameter is username.
General Headers	Add (key, value) for additionally needed headers.	No			
Authentication Type	<p>Authentication type against the web service. The options are the following:</p> <ul style="list-style-type: none"> No Auth Basic - username and password for Base64 basic authentication. API Key - can be added to a Header or to the URL (Query Param) or both. OAuth Using User App Authentication – select an OAuth integration profile (from the Integration Profiles configured in App Settings) and choose where the access token should be added, Header or URL. OAuth Using Client Credentials – select this if you are using a preliminary token call to get the access token. 		Drop-down list		
Import/ Export Configuration					

Configuration Option	Description	Mandatory	Data Type	Default	Example
You can configure product integration and then export it to another campusM environment, for example, from sandbox to production or from preview to production.					
Export	Create a JSON file with all product integration configurations.				
Import	Use this option to load configuration from JSON of an exported product integration.				

Testing Product Integration APIs

For product integrations that require configuring an API, you can test the API configurations by clicking the **Test API Connection** button. Note that you need to save your configurations before testing the configurations.

After clicking the **Test API Connection** button, fill in any non-constant parameters.

Click **Test** to continue. The following is displayed:

- API Request Info – A URL with a configured path and query parameters and headers sent on the request.
- Test Results – the request's response.

Adding a Product Integration Tile

To create a tile for the product integration instance that you created, select **Add > Product Integrations Tile from App Manager > App Builder > Menu Options** and select the product integration instance you would like to add. For more information, see [Working with the App Builder](#).

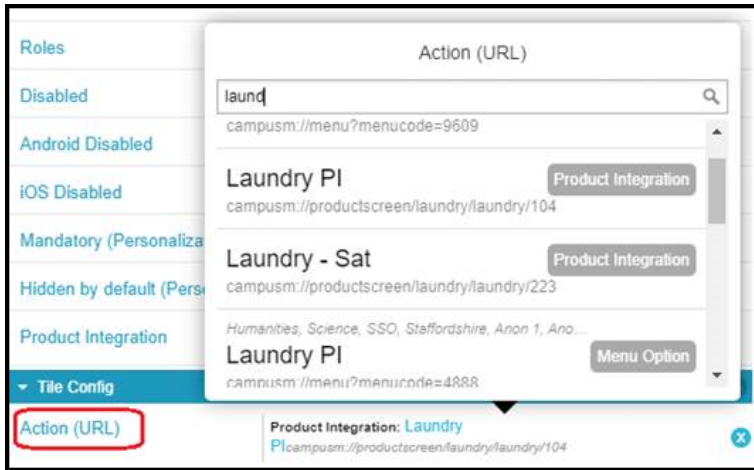
Configuring Live Tile Linking

Some product integrations, such as Primo, use a live tile on the app home page. A live tile can have one of the following linking methods:

- Linking to the full product integration (OTB behavior).
- Linking out to an external website, native application (see [Working with App URLs](#)), or any other tile such as a Pocket Guide page, product integration instance, and RSS (see [campusM URL Scheme](#)).

To configure the Live Tile linking:

1. From the App Builder, select the tile you want to configure.
2. Under the Tile Config section, for the Action URL, enter the element to which you want the live tile to link. By default, Action (URL) contains the URL of the product instance instance, meaning the full product integration.



Configuring Live Tile Linking

3. Select **Save and Publish**.