



SOLUTIONS ARCHITECT

Managing Inventory



Managing Inventory

Learning Objectives

- Understand the inventory management options available within Liferay Commerce
- Learn how to manage inventory across multiple warehouses

Tasks to Accomplish

- Create a new warehouse
- Add inventory for several products to the new warehouse
- Enable low stock actions for several products

Exercise Prerequisites

- Java JDK installed to run Liferay
- Download here: https://www.oracle.com/technetwork/java/javase/downloads/jdk11-downloads-5066655.html
- Instructions on installation here: https://www.java.com/en/download/help
 /download_options.xml
- Unzipped module exercise files in the following folder structure:
- o Windows: C:\liferay
- o Unix Systems: [user-home]/liferay
- A Liferay DXP or CE 7.2 instance up and running with Commerce 2.1 installed
- A Site created using the Minium accelerator

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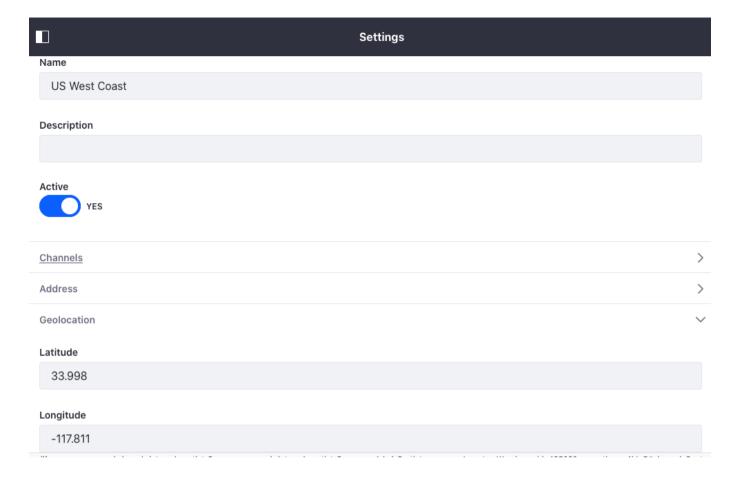
Manage Store Inventory

Exercise Goals

- Add a new Warehouse to the Minium platform
- Add inventory for several products to the new Warehouse
- Enable low stock actions for select Minium products

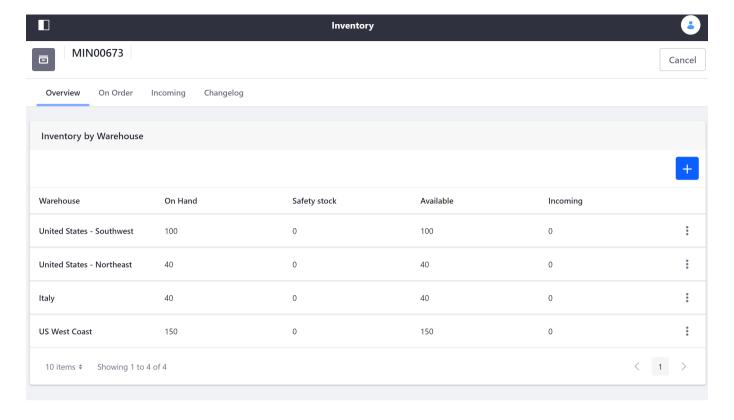
Add the US West Coast Warehouse

- 1. Go to Control Panel > Commerce > Settings.
- 2. Click the Warehouses tab.
- 3. Click Add.
- 4. Type US West Coast for the Name.
- 5. Click the slider under Active.
- 6. Click to open the Channels section.
- 7. **Check** the box next to *Minium Automotive Portal*.
- 8. Click to open the Geolocation section.
- 9. **Type** 33.998 in the *Latitude* field.
- 10. Type -117.811 in the *Longitude* field.
- 11. Click Save.



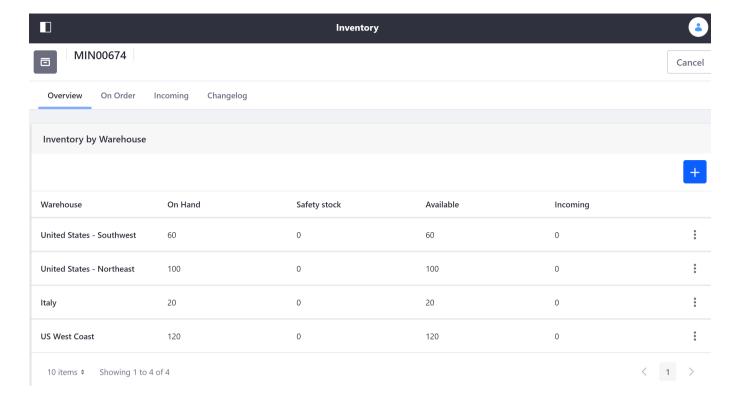
Add Inventory for MIN00673 to the US West Coast Warehouse

- 1. Go to Control Panel > Commerce > Inventory.
- 2. Click MIN00673.
- 3. Click the Addicon.
- 4. Choose Add Inventory from the drop-down menu.
- *5.* **Type** 150 for *Quantity*.
- 6. Choose US West Coast for Warehouse.
- 7. Click Submit.



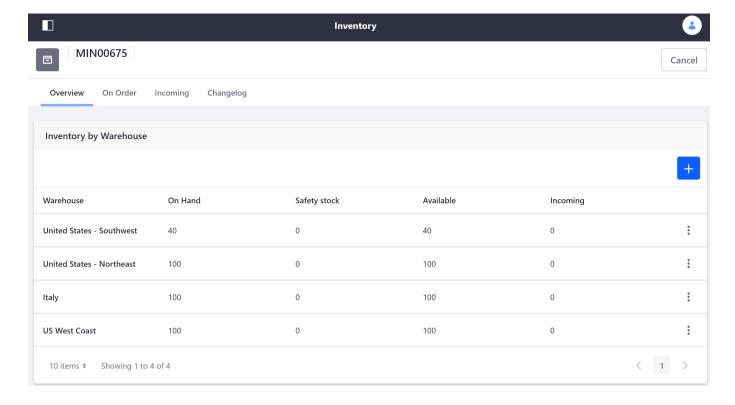
Add Inventory for MIN00674 to the US West Coast Warehouse

- 1. Go to Control Panel > Commerce > Inventory.
- 2. Click MIN00674.
- 3. Click the Add icon.
- 4. Choose Add Inventory from the drop-down menu.
- *5.* **Type** 120 for *Quantity*.
- 6. Choose US West Coast for Warehouse.
- 7. Click Submit.



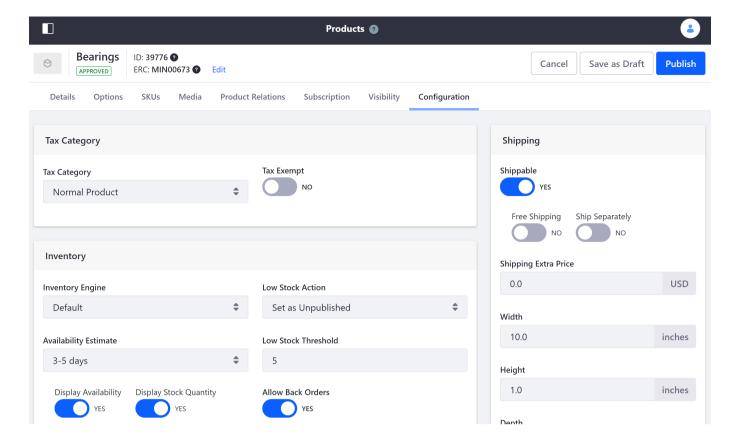
Add Inventory for MIN00675 to the US West Coast Warehouse

- 1. Go to Control Panel > Commerce > Inventory.
- 2. Click MIN00675.
- 3. Click the Add icon.
- 4. Choose Add Inventory from the drop-down menu.
- 5. **Type** 100 for *Quantity*.
- 6. Choose US West Coast for Warehouse.
- 7. Click Submit.



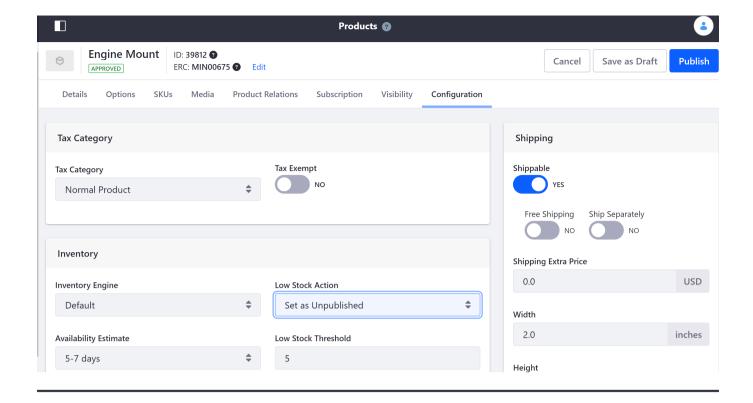
Enable a Low Stock Action for Bearings

- 1. Go to Control Panel > Commerce > Products.
- 2. **Type** bearings in the *Search* box.
- 3. Click Bearings.
- 4. Click the Configuration tab.
- 5. Click the blank field under Low Stock Action.
- 6. Choose Set as Unpublished.
- 7. Click Publish.



Enable a Low Stock Action for Engine Mount

- 1. Go to Control Panel > Commerce > Products.
- 2. **Type** engine in the *Search* box.
- 3. Click Engine Mount.
- 4. Click the Configuration tab.
- 5. Click the blank field under Low Stock Action.
- 6. Choose Set as Unpublished.
- 7. Click Publish.



Bonus Exercises

- 1. Add 50 units of inventory to the US West Coast warehouse for all products related to braking systems (i.e. brake fluid, brake pads, etc.). Add a low-stock action to hide the products when inventory falls below 15 units.
- 2. Create an Availability Estimate of 10 12 days and apply it to the Engine Mount. Change the inventory for the Engine Mount to zero and ensure that it is no longer available to purchase within the Minium store.

Managing Inventory Quiz

1.	Which of the following is <i>not</i> an out-of-the-box feature of inventory management within Liferay
	Commerce?
	A. Warehouses
	B. Availability Estimates
	C. In Stock Notifications
	D. Low Stock Actions
2.	A business wishes to inform customers that a particular product is currently out-of-stock. What
	is the simplest way to accomplish this?
	A. Create a custom Low Stock Action to notify customers when viewing the product in the storefront
	B. Enable an Availability Estimate for the product
	C. Use Channel filtering to remove the product from the store
	D. Send a notification to customers trying to add the product to their cart
3.	Changing stock information within a product entry will transfer those changes to the inventory
	management system.
	A. True
	B. False
4.	Which of the following statements is <i>not</i> true about Low Stock Actions?
	A. They are enabled within product entries
	B. They are an extension point for Liferay Commerce
	C. They are designed to trigger automatically
	D. Out-of-the-box Liferay Commerce has two available
5.	A Warehouse cannot be created without first being associated with a particular Channel.
	A. True
	B. False

Answer Key

- 1. C
- 2. B
- 3. True
- 4. D
- 5. False