

# Oracle Fusion Cloud SCM

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**How do I set up Oracle Advanced  
Inventory Management?**

25D



Oracle Fusion Cloud SCM  
How do I set up Oracle Advanced Inventory Management?

25D

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# Get Help

There are a number of ways to learn more about your product and interact with Oracle and other users.

## Get Help in the Applications

Some application pages have help icons  to give you access to contextual help. If you don't see any help icons on your page, click your user image or name in the global header and select Show Help Icons. If the page has contextual help, help icons will appear.

## Get Training

Increase your knowledge of Oracle Cloud by taking courses at [Oracle University](#).

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You can email your feedback to [oracle\\_fusion\\_applications\\_help\\_ww\\_grp@oracle.com](mailto:oracle_fusion_applications_help_ww_grp@oracle.com).

Thanks for helping us improve our user assistance!



# 1 Introduction

## Who's the target user?

- Inventory, Shipping, or Warehouse managers
- Warehouse staff:
  - Receiving agents
  - Shipping agents
  - Warehouse operators

## What's Oracle Advanced Inventory Management?

An add-on to the Oracle Fusion Cloud Inventory Management and Supply Chain Execution portfolio that provides a low-complexity (light) warehouse management solution.

## How it's different from Oracle Inventory Management?

Implementation	Operations	Warehouse Type
Oracle Fusion Cloud Inventory Management	A comprehensive solution for organizations with various levels of supply chain complexity.	A small manufacturing plant, healthcare clinic, or hospital
Oracle Fusion Cloud Advanced Inventory Management	A streamlined solution to manage basic to moderately complex warehouse operations.	Satellite or off-site warehouse, or a manufacturing plant
Oracle Fusion Cloud Warehouse Management System	A comprehensive and scalable platform with advanced features for inventory tracking, automated receiving and shipping, task management, and so on.	Regional or national distribution centers

# What features do you get with Oracle Advanced Inventory Management

Features	Functionality
Inventory task assignment and execution	<ul style="list-style-type: none"><li>• New task assignment page for managers to manage workload.</li><li>• Create tasks for pick confirmation, cycle counting, physical counting, Periodic Automatic Replenishment (PAR) count, and receipt deliveries.</li><li>• Assign, unassigned, and transfer tasks to operators.</li><li>• New mobile tasks page for operators to view and execute assigned tasks.</li></ul>
LPN support	<ul style="list-style-type: none"><li>• Use License Plate Number (LPN) to perform receiving, put away, picking, packing, shipping, transfers, and counting activities.</li><li>• Group items, assign unique LPN, and generate barcode label to affix to container for scanning.</li><li>• Get visibility into LPN contents and ability to search by LPN.</li></ul>
Put away suggestions	<ul style="list-style-type: none"><li>• Configure process to guide warehouse operators on where to put away goods.</li><li>• Define rules and logic to suggest put away location or location hierarchy for received goods.</li><li>• Can suggest alternate storage locations in case the original location is full.</li></ul>
Assign load number to group shipments and shipment lines	<ul style="list-style-type: none"><li>• Create a load number to group shipment lines and shipments that will be transported together.</li><li>• Identify goods and orders contained in load and ensure goods are processed and loaded together.</li><li>• Search load number to find the shipment lines, shipments, and order numbers assigned to the load.</li><li>• Assign, unassigned, or adjust the shipments and shipment lines in the load to address changes.</li></ul>
Cross-docking opportunity notification	<ul style="list-style-type: none"><li>• Specify which items are eligible for cross-docking.</li><li>• Control when cross-docking is applicable.</li><li>• Determine how far in advance open demand is considered for cross-docking.</li><li>• Define how order outbound demands are considered for cross-docking to prioritize order fulfillment.</li><li>• Automatic notification to supervisor of available cross-docking opportunity.</li></ul>

## How do I set up Oracle Advanced Inventory Management?



Set up Tasks	Where to Find More Information
<p>Before you start for the first time, check these:</p> <ul style="list-style-type: none"> <li>• Licensing requirements</li> <li>• Privileges and roles to set up and access features</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Is Oracle Advanced Inventory included in my Supply Chain Execution subscription?</i></li> <li>• <i>What are the required privileges and roles?</i></li> </ul>
<ul style="list-style-type: none"> <li>• Required profile options</li> <li>• Enable profile options for advanced inventory features</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Profile options for Oracle Advanced Inventory Management</i></li> <li>• <i>How do I enable profile options for Oracle Advanced Inventory Management?</i></li> </ul>
Enable Advanced Inventory functional area for your organization	<i>How do I enable Oracle Advanced Inventory Management for my organization?</i>
Set up Advanced Inventory Parameters to configure advanced inventory features and task management.	<i>How do I set up Oracle Advanced Inventory Management features?</i>
Set up Inventory Task Configurations to enable task creation and assignments.	<i>How do I configure Oracle Advanced Inventory Management tasks?</i>
Enable License Plate Numbers (LPNs) for advanced inventory transactions.	<i>How do I enable LPN for Oracle Advanced Inventory Tasks?</i>
Enable cross-docking suggestions to notify users about cross-docking opportunities.	<i>How do I enable cross-docking notifications?</i>
Enable outbound loads to group shipment and shipment lines.	<i>How do I enable outbound loads for shipments and shipment lines?</i>
Set up put away suggestions to configure a priority order as to how the application determines the primary put away location for items.	<i>How do I set up priority order for locations to enable put away suggestions?</i>



## 2 Before You Start

### Is Oracle Advanced Inventory included in my Supply Chain Execution subscription?

No, Advanced Inventory Management is a separately licensable feature.

You must have the add-on subscription to access Advanced Inventory Management features. Please contact your Oracle sales representative for details.

### What are the required privileges and roles?

You need to have these duty roles and privileges enabled to get started.

#### Administration Privileges

To set up the Advanced Inventory Management features, you'll need a configured job role that contains this new duty role, which is not assigned to any predefined job roles.

Duty Role	Duty Role Code	Description
Advanced Inventory Management Administration Duty	ORA_INV_ADVANCED_INVENTORY_MANAGEMENT_ADMINISTRATION_DUTY	Administrative role to set up features.
Advanced Inventory Management Duty	ORA_INV_ADVANCED_INVENTORY_MANAGEMENT_DUTY	Transactional role for a warehouse manager or inventory manager.
Advanced Inventory Transaction Duty	ORA_INV_ADVANCED_INVENTORY_MAINTENANCE_DUTY	Transactional role meant for a warehouse operator.

**Note:** These duty roles are not assigned to any predefined job roles. You must manually assign these duty roles to configured job roles.

#### Access Privileges

Users who are assigned these configured job roles that contains this duty role can access Advanced Inventory Management features:

Privilege Title	Privilege Code
Configure Inventory Zones Using Responsive Inventory	INV_CONFIGURE_INVENTORY_ZONES_USING_RESPONSIVE_INVENTORY_PWA_PRIV

Privilege Title	Privilege Code
Manage Advanced Inventory Parameters	INV_MANAGE_ADVANCED_INVENTORY_PARAMETERS
Configure Inventory Resource Zone Assignments Using Responsive Inventory	INV_CONFIGURE_INVENTORY_ZONE_ASSIGNMENTS_USING_RESPONSIVE_INVENTORY
Configure Inventory Task Performance and Reward Plans Using Responsive Inventory	INV_CONFIGURE_TASK_PERFORMANCE_REWARD_USING_RESPONSIVE_INVENTORY_P
Manage HCM Rules	HRC_MANAGE_HCM_RULES
Perform Actions on Inventory Tasks	INV_PERFORM_ACTIONS_ON_INVENTORY_TASKS_PRIV
Review Inventory Task Assignments Using Responsive Inventory	INV_REVIEW_INVENTORY_TASK_ASSIGNMENTS_USING_RESPONSIVE_INVENTORY_PW
Review Inventory Task Performance Using Responsive Inventory	INV_REVIEW_INVENTORY_TASK_PERFORMANCE_USING_RESPONSIVE_INVENTORY_PW
Use REST Service - Celebrate Award Program List of Values	CEL_REST_SERVICE_ACCESS_AWARD_PROGRAM_LOV
Use REST Service - Workers List of Values	PER_REST_SERVICE_ACCESS_WORKERS_LOV
Perform Inventory Tasks Using Responsive Inventory	INV_PERFORM_INVENTORY_TASKS_USING_RESPONSIVE_INVENTORY_PWA_PRIV
Repack LPN Using Mobile Inventory	INV_REPACK_LPN_MOBILE_PWA_PRIV
Repack LPN Using Responsive Inventory	INV_REPACK_LPN_PWA_PRIV
Generate License Plate Numbers	INV_GENERATE_LICENSE_PLATE_NUMBERS_PRIV
Print Pending Inventory Activities Report	INV_PRINT_PENDING_INVENTORY_ACTIVITIES_REPORT_PRIV
Print Label Requests	INV_PRINT_LABEL_REQUESTS
Review My Inventory Task Performance Using Responsive Inventory	INV_REVIEW_MY_INVENTORY_TASK_PERFORMANCE_USING_RESPONSIVE_INVENTORY
View Advanced Inventory Management Usage	INV_VIEW_ADVANCED_INVENTORY_MANAGEMENT_USAGE_PWA
Put Away Goods Using Responsive Receiving Duty	ORA_RCV_PUT_AWAY_GOODS_PWA_DUTY
Put Away Management Duty	ORA_RCV_PUT_AWAY_MANAGEMENT_DUTY
Receiving Management Duty	ORA_RCV_RECEIVING_MANAGEMENT_DUTY
Manage Shipments and Shipment Lines	WSH_MANAGE_SHIPMENT_AND_SHIPMENT_LINE_PRIV
Manage Outbound Loads	WSH_MANAGE_OUTBOUND_LOADS_PRIV

Privilege Title	Privilege Code
Put Away Goods Using Responsive Receiving Duty	ORA_RCV_PUT_AWAY_GOODS_PWA_DUTY
Put Away Management Duty	ORA_RCV_PUT_AWAY_MANAGEMENT_DUTY
Receiving Management Duty	ORA_RCV_RECEIVING_MANAGEMENT_DUTY

**Note:** The Perform Inventory Tasks Using Responsive Inventory privilege, Print Pending Inventory Activities Report privilege, and Manage Outbound Loads privilege are not assigned to any predefined job roles. You must manually assign these privileges to configured job roles.

## Profile options for Oracle Advanced Inventory Management

Enable these profile options as a one-time setup activity to implement advanced inventory features.

Profile Option Code	Description
ORA_INV_ZONES_AND_WORKER_ASSIGNMENTS_REDWOOD_ENABLED	Enables the Inventory Zones and Zone Worker Assignments pages
ORA_INV_TASK_ASSIGNMENTS_AND_TASKS_REDWOOD_ENABLED	Enables the Inventory Task Assignments and Inventory Tasks pages
ORA_INV_REPACK_LPN_REDWOOD_ENABLED	Enables the Repack LPN pages
ORA_WSH_OUTBOUND_SHIPMENTS_REDWOOD_ENABLED	Enables the Outbound Shipments task to access the Outbound Loads page

### Related Topics

- [How do I enable profile options for Oracle Advanced Inventory Management?](#)

## How do I enable profile options for Oracle Advanced Inventory Management?

Use manage inventory profile options and manage shipping profile options as a one-time activity to enable advanced inventory features.

1. In Setup and Maintenance, search for and select the required profile option task.
2. Search for the profile option code.
3. In the Profile Values section, set the **Site Level** to **Yes**. The default value is **No**.

**4. Click **Save and Close**.**

For example, use manage inventory profile options if you want to enable inventory task assignment, inventory zones, zone worker assignment pages, and repack LPN pages. Use manage shipping profile options, to enable outbound loads page.

*Related Topics*

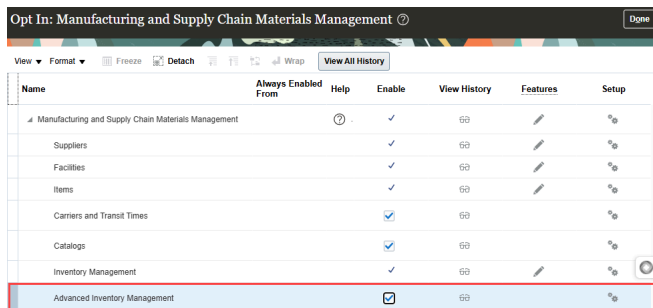
- [Profile options for Oracle Advanced Inventory Management](#)

## 3 Set Up and Configure

### How do I enable Oracle Advanced Inventory Management for my organization?


Use manufacturing and supply chain materials management offering to enable Advanced Inventory Management.

1. In Setup and Maintenance, select the Manufacturing and Supply Chain Materials Management offering.
2. Click **Change Feature Opt In**.
3. Select **Enable** checkbox next to the Advanced Inventory Management, and then click **Done**.



### How do I set up Oracle Advanced Inventory Management features?

Use the Advanced Inventory Parameters task to set the Advanced Inventory Management features.

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Search for and select the organization, and then click  to enable advanced inventory features.
3. Set up the feature parameters as needed, and then click **Save**.

The screenshot displays the 'Advanced Inventory Parameters' configuration page. At the top, there is a header bar with a back arrow and the title 'Advanced Inventory Parameters'. Below the header, a dropdown menu shows the 'Organization Name' as 'RCL\_M1'. The main content area is divided into several sections, each with a title and a list of parameters:

- License plate numbers**: Includes parameters like 'Enable LPN' (checked), 'LPN Prefix' (LPN-AIM1-), 'LPN Suffix', 'Start LPN Number' (1001), 'Total LPN Length' (13), 'Physical Inventory Counting Method' (LPN), 'Cycle Count Counting Method' (LPN), 'Enable commingling projects' (checked), 'Enable commingling tasks' (checked), 'Enable commingling countries of origin' (checked), 'Enable reusing shipped or issued out of stores LPNs' (checked), 'Enable enforcing full LPN transactions' (checked), 'Enforce full LPN transactions in all locations' (unchecked), and 'UCC 128 suffix' (unchecked).
- Cross dock notifications**: Includes 'Enable cross dock notifications' (unchecked), 'Cross Dock Item Category', 'Demand Due Days', 'Due Date Sort', and 'Include backorders' (unchecked).
- Put away suggestions**: Includes 'Enable put away suggestions' (unchecked) and four priority levels (Priority 1, Priority 2, Priority 3, Priority 4).
- Task management**: Includes 'Enable task management' (checked).
- Outbound loads**: Includes 'Enable outbound load creation' (unchecked).
- Material handling equipment**: Includes 'Enable deliveries using carts' (unchecked).

Each section has a pencil icon on the right side, indicating that the parameters can be edited.

## How do I configure Oracle Advanced Inventory Management tasks?

Use the Inventory Task Configurations task to enable task creation and task grouping criteria for activities, such as pick confirm, cycle count, physical count, Periodic Automatic Replenishment (PAR) count, and receipt delivery.

1. In Setup and Maintenance, search for and select **Inventory Task Configurations** task.
2. Search for and select the organization.
3. Select the **Enable task generation** checkbox for the listed activities to activate each task.



**Task Configurations RCL\_M1** Save

**Pick confirm**  
☐ Enable task generation

**Cycle count**  
☒ Enable task generation Task Grouping Rule Zone

**Physical count**  
☒ Enable task generation Task Grouping Rule Zone

**PAR count**  
☐ Enable task generation

**Receipt delivery**  
☐ Enable task generation

4. Click **Save**.

For activities, such as cycle count and physical count, select the **Task Grouping Rule** based on the definition, subinventory, or zone.




# 4 Inventory Task Assignment and Execution

## How do I create a new task?

Use the Inventory Task Assignments page to create manual tasks.



Here's how:

**Note:** Pick confirm, Cycle count, Physical count tasks are automatically generated. Open PAR Count Tasks is a manual task.

1. In the Inventory Management work area, click , and then select Inventory Task Assignments page.
2. Select the **Open PAR Count Tasks** tab from the score card, and then click **Create Task**.
3. Specify PAR subinventories, locators, and items to count.
4. Click **Create** or **Create and Assign** to create tasks and then assign them to the workers.

## How do I assign and manage inventory tasks?

Use the Inventory Task Assignments page to manually assign tasks to workers to balance the workload.

1. In the Inventory Management work area, click , and select the Inventory Task Assignments page.
2. Filter tasks by Status and Zone or view activity specific tasks from the score card.
3. Click **Assigned**, **Unassigned**, or **Recurring** toggles to view tasks.
4. Select the task you want assign and click .
5. Assign task to workers working in other zones using the **Workers assigned to other zones** or use the **All workers** option to select workers who aren't assigned to any zone.
6. Expand worker card to view current workload.
7. Select the worker name and click **Assign**.

### Related Topics

- [How do I create a new task?](#)
- [How do I execute an assigned task?](#)
- [How do I create inventory zones and assign workers to zones?](#)

## How do I execute an assigned task?

Use the Inventory Tasks mobile page to view and execute the assigned tasks.

Here's how:

1. In the Inventory Management mobile work area, click **Inventory Tasks**.
2. Search for and select the organization, and then click **Next**.
3. Click on a task card and do the required steps to execute the tasks.
4. Click **Confirm and Close** to complete the task and go back to the task page to check pending tasks.

**Note:** For some tasks, you may not see **Confirm and Close** button. After you complete the transaction, the task gets automatically closed and you are then redirected to the Inventory Tasks page.




#### Related Topics

- [How do I create a new task?](#)
- [How do I assign and manage inventory tasks?](#)
- [How do I self-assign and execute tasks using mobile device?](#)



## How do I create inventory zones and assign workers to zones?

Use the Inventory Zones and Zone Worker Assignments task to create zones and then assign workers to them.

### 1. Create a New Zone

1. In the Inventory Management work area, click , select **Inventory Zones** task, and then click **Create**.
2. Enter the **Zone Name** and **Description** for the zone, and then click **Create**.
3. After you create a zone, add supported activities, subinventory, and locators.
  - a. In the Activities section, click , and then select supported activities.
  - b. In the subinventories and locators section, click , and then search for and select subinventories and locators.
4. Click **Add** to include them in the zone.
5. Click **Activate** to make the zone active.

### 2. Assign Workers to Zone

6. In the Inventory Management work area, click , select the **Zone Worker Assignments** task or select in-app navigation to go to the Zone Worker Assignments page.
7. Search for and select the zone name, and then click .  
View current assignments by zone or by worker. Use additional filter chips, such as Status and Activity Type for advanced search.
8. Select the activity type to assign workers.
9. Select **Assign workers from other zones** or **Assign new workers** option to select workers, and then click **Assign**.

### 3. Assign Zones to Worker

Alternatively, you can assign zones to workers.

10. In the Zone Worker Assignments page, click Zone filter chip, select Worker, and then click **Assign**.

11. Select Zone name and Activity Type, and then click **Assign**.

## How do I self-assign and execute tasks using mobile device?

Use the Inventory Task mobile page to self-assign and execute tasks.

Here's how:


1. In the Inventory Management mobile page, select **Inventory Tasks**.
2. Search for and select the organization, and then click **Next**.
3. Click the **Unassigned** toggle to view unassigned tasks.
4. Open the task card and self-assign the task.
5. Click the **My tasks** button to view the self-assigned task.
6. Open the task card and complete the required steps to execute the task.



# 5 Single Level LPN Management

## How do I enable LPN for Oracle Advanced Inventory Tasks?

Use the Advanced Inventory Parameters task to enable License Plate Number (LPN) for your organization that supports both packed and loose (unpacked) material for the on-hand inventory.

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization, and then click .
3. Select the **Enable LPN** checkbox, and then set up these fields.

Field Name	Description
LPN Prefix	Prefix used for LPNs. For example, LPN-AIM-
LPN Suffix	Suffix used for LPNs. For example, LPN-AIM-XXXX-T1
Start LPN Number	A starting number to start LPNs. For example, 1001
Total LPN Length	Total length of the LPN number
Physical Inventory Counting Method	Count physical inventory by LPN or item. If set to LPN, you can count packed on-hand inventory by LPN.
Enable commingling projects	Select to comeingle on-hand quantities associated with multiple projects.
Enable commingling tasks	Select to comeingle on-hand quantities associated with different tasks related to a project.
Enable commingling countries of origin	Select to comeingle on-hand quantities associated with different countries of origin.
UCC 128 suffix	Add a code 128 suffix to the LPN.

4. Click **Save**.

### Disabling LPN

After you enable LPNs and use them in your inventory transactions but later you decide to stop using Advanced Inventory Management, then to undo features, such as LPN control and task management would've significant impact on your day-to-day inventory transactions.

You can disable an organization for an LPN if no subinventories or locators are defined as LPN enabled. To identify what needs to be disabled, you can use Print Pending Inventory Activities report to review this list:

- On-hand balances with LPN references.
- Pending cycle counts and physical inventories for LPN-enabled subinventories or locators.
- Open shipments with shipment lines associated with LPNs.

**Note:** You can choose to disable subinventories or locators for LPN control only when the report doesn't list any on-hand inventory, pending cycle counts, physical inventories, or open shipment lines with LPN references.

## How do I generate LPN labels?

If you don't have pregenerated or preprinted License Plate Number (LPN) labels, generate and print LPN labels during receiving, shipping, and put away inventory transactions.

When you perform receiving, shipping, or put away transactions, you have the option to generate and print LPN labels instantly. For example, let's say you need an LPN enabled receipt and you don't have pregenerated LPNs.

Here's how:

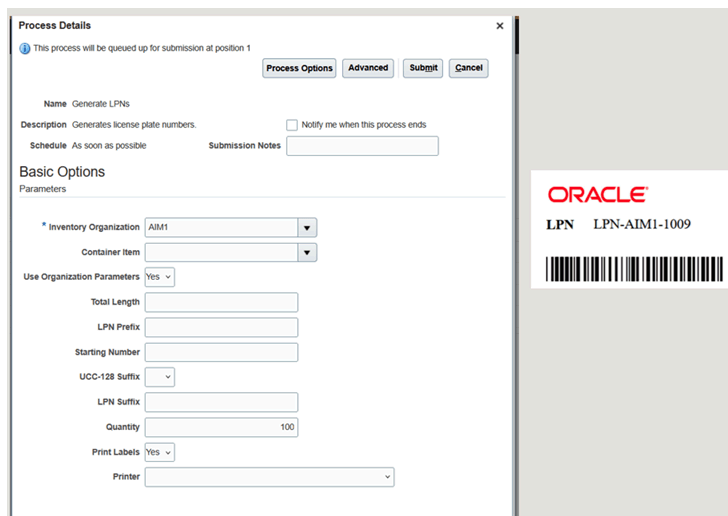
1. In the Inventory Management mobile page, click the **Miscellaneous Transactions** task.
2. Select the organization that is LPN enabled, and then click **Continue**.
3. Click the **Account Receipt** task to create LPN receipt.
4. Select Receive By as **LPN**.

**Note:** LPN option is available only if you have enabled LPN from the Advanced Inventory Parameters.

5. Click , and then click **Generate and Print LPNs** to generate new LPNs in defined but not used status.

**Note:** If you don't use pregenerated LPNs, you can enter new LPN in the LPN field using the scan mode. This automatically generates a new LPN dynamically during the transaction. If the scanned LPN already exists in the system, you'll get an error message.

Use the **Generate LPNs** scheduled process to generate LPNs manually. This scheduled process overrides the LPN parameters you specified in the Advanced Inventory Parameters. When you generate LPNs by running the scheduled process, you get LPNs as **Defined but not used**.



**Process Details**

This process will be queued up for submission at position 1

Process Options   Advanced   Submit   Cancel

Name: Generate LPNs

Description: Generates license plate numbers. ☐ Notify me when this process ends

Schedule: As soon as possible   Submission Notes:

**Basic Options**

Parameters

\* Inventory Organization: AIM1

Container Item:

Use Organization Parameters: Yes

Total Length:

LPN Prefix:

Starting Number:

UCC-128 Suffix:

LPN Suffix:


Quantity: 100

Print Labels: Yes

Printer:

**ORACLE**

LPN LPN-AIM1-1009



The Gapless support ensures there are no gaps in LPN sequence. You can reuse LPNs for which the contents are transferred to another LPN as long as the LPNs aren't shipped or issued out.



### Related Topics

- [How do I enable LPN for Oracle Advanced Inventory Tasks?](#)

## How do I perform inventory transactions using LPN?

Use the Inventory Management mobile work area to perform miscellaneous inventory transactions using License Plate Numbers (LPNs).

### 1. Here's how:

1. Click the **Miscellaneous Transactions** task, and then select the organization that is LPN enabled.
2. Click the **Account Receipt** task to create LPN receipt.
3. Select Receive By as **LPN**.

**Note:** LPN option is available only if you have enabled LPN from the Advanced Inventory Parameters.

4. Scan the LPN Barcode using the printed labels to create the LPN receipt.
5. Enter the account details, and then click **Continue**.
6. Scan the Item Barcode, enter all the required details to create the item receipt, and then click **Submit** to process the receipt.
7. Select the **Enter multiple lines** checkbox to create multiple item receipts in the same LPN.  
For example, you can add plain items, serial-controlled and lot-controlled items in the same LPN, and then receive all the items at once to process the receipt.
8. Navigate to **Inventory Management > Stocking Inquiry** task to verify the on-hand items in the LPN.
  - a. Select the organization, and then click **Continue**.
  - b. Select Find By as **LPN**, and then click **Continue**.
  - c. Scan the LPN Barcode, and then click the LPN card to view the on-hand details.
9. Navigate to **Miscellaneous Transactions > Account Issue** task to issue transactions per LPN.
  - a. Select Issue By as **LPN**, select the Account, and then click **Continue**.
  - b. Scan the LPN Barcode, select the items to be issued, and then click **Submit**.
  - c. Select the **Enter multiple lines** checkbox to partially issue items in the LPN.
  - d. Scan **Item Barcode** for each item, and then enter subinventory, locator, lot or serial numbers, and LPN details.
  - e. Enter partial or full quantity as desired, and then click **Add to List**.
  - f. Click **Issue All** to issue items out of the LPN.
  - g. Navigate to **Inventory Management > Stocking Inquiry** task to verify the on-hand items in the LPN. See Step 8.

### Related Topics

- [How do I generate LPN labels?](#)
- [How do I enable LPN for Oracle Advanced Inventory Tasks?](#)

## How do I put away items in different LPNs and store in different locators?

You can receive the items as packed License Plate Numbers (LPNs), and then unpack the LPN to put away individual items in different LPNs, to store in different locators.

1. Here's how:

1. In the Inventory Management mobile page, click **Receive Goods** task to create a receipt.
  - a. Select the organization that is LPN enabled, and then click **Continue**.
  - b. Select Receive By as **LPN**, enter or scan the Order Number, and then click **Continue**.
  - c. Click or scan the LPN card to view the items in this LPN.
  - d. Select the **Receive as packed** checkbox to receive all items as LPN, and then click **Receive LPN**.
  - e. Enter or scan the **To LPN**, click **Done**, and then click **Receive All**.
  - f. View received items details under **Items in this receipt** section, and then click **Submit**.
2. In the Inventory Management mobile page, click **Put Away Goods** task.
  - a. Select the organization that is LPN enabled, and then click **Continue**.
  - b. Select Put Away By as **Receipt** to put away items to different locators.
  - c. Enter the receipt number, and then click **Continue**.
  - d. Click **Generate and Print LPNs** to generate new LPNs.
  - e. Scan or click on the item card. Enter the required details.
  - f. Scan the **To LPN** to assign LPN to the items and click **Put Away**.

### Related Topics

- [How do I generate LPN labels?](#)
- [How do I enable LPN for Oracle Advanced Inventory Tasks?](#)

## How do I split and repack LPNs?

Use the **Repack LPN** task or use the **Item Quantities** task in Inventory Execution work area to repack License Plate Numbers (LPNs).

**Note:** You can perform the **Repack LPN** action to transfer the contents of an LPN to a new LPN only when the LPNs are in an **In inventory** status.

This initiates a transfer action to move the LPN contents into a new LPN with an **In inventory** LPN status or to an existing LPN, available in the same location.

Additional LPN actions include:

- **LPN Pack** - Packs loose material in a location into an LPN after ensuring that the corresponding subinventory and locator have an LPN setup of packed and loose items.
- **LPN Unpack** - Unpacks packed material in a location into loose after ensuring that the corresponding subinventory and locator have an LPN setup of packed and loose items.
- **LPN Split** - Breaks and distributes an LPN's packed contents into one or more LPNs.

Optionally, you can perform these LPN-triggered transactions using mobile inventory:

- Issue an LPN using the Miscellaneous Issue transactions
- Move an LPN from one location to another using the Subinventory Transfer transactions
- Move the LPN from one organization to another organization using the Interorganization Transfer transactions

The transfer of an LPN from an LPN-enabled subinventory to a subinventory that's not LPN enabled implicitly unpacks the material in the destination subinventory.

1. In the Inventory Management mobile page, click the **Miscellaneous Transactions** task, and then select the organization that is LPN enabled.
2. Click the **Repack LPN** task to create repack LPN transaction.
3. Enter or scan the LPN barcode and click **Continue**.
4. Click **Transfer All** to transfer all the items to a new LPN at once.
5. Optionally, split the packed LPNs and transfer the items individually to new LPNs.
  - a. Click the item card and provide the required item details, such as lot numbers, serial numbers etc.
  - b. Enter the new LPN in the To LPN to split the LPNs, and then click **Submit**.

#### *Related Topics*

- [How do I generate LPN labels?](#)
- [How do I enable LPN for Oracle Advanced Inventory Tasks?](#)
- [How do I perform inventory transactions using LPN?](#)




## 6 Set Up Cross-Docking Notifications

### How do I enable cross-docking notifications?

Use the Advanced Inventory Parameters task to enable cross-dock notifications.



Here's how:

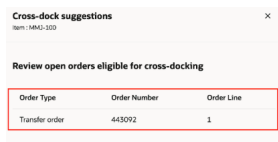
1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization, and then click .
3. Select **Enable cross dock notifications** checkbox, set up these fields as needed, and then click **Save**.
  - o **Cross Dock Item Category** (Required).
  - o **Demand Due Days**.
  - o **Due Date Sort** (Ascending/Descending).
  - o **Include backorders** checkbox.

### How do I view the line items with cross-docking suggestions?

Notify users about the cross-docking opportunity to move goods to the outbound staging area to fulfill a demand order instead of putting goods away into the storage area.

Here's how:

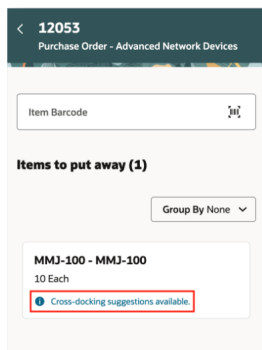
1. In the Inventory Management work area, click , and then select Received Lines page.
2. Use in-app navigation to open the Awaiting Put Away page
3. Click **Filters > Additional Filters**.
4. Select **Show lines for cross-dock suggestions only**, and then click **See Results** to view item lines available for cross-dock suggestions.
5. Click  to view cross-dock suggestion details.



Cross-dock suggestions		
Review open orders eligible for cross-docking		
Order Type	Order Number	Order Line
Transfer order	445092	1

6. In the Inventory Management mobile work area, click **Put Away Goods** task.
7. Select the organization and click **Continue**.
8. Select Put Away By as **Receipt** or **Item**.
9. Enter or scan the receipt or item number, and then click **Continue**.

10. Click the **Cross-docking suggestions available** link to instantly view the cross-dock suggestions and do as necessary.



#### Related Topics

- [How do I enable cross-docking notifications?](#)

## How do I create nudges for cross-docking opportunities?

Notify users through email, sms, or both when a cross-docking opportunity is available for the lines awaiting put away.

Here's how:

1. In the Supply Chain Execution landing page, use quick actions menu to search for and select the **Nudge Configuration** task.
2. Click **Create** to add a new plan, and then click **Create Draft**.
3. In the **Nudges** section, click **Add** to create a new nudge.
4. Enter nudge details and click **Save**.
5. Click **Advanced** tab of the draft nudge plan.
6. In the **Recipient Groups** section, click **Add** to create a recipient group.
7. In the **Users** section, add users to the group.
8. In the new nudge page, add channels to send notifications through email, sms, or both to the intended recipient group.

For email notifications, you can personalize the title and content of the message.

9. Click **Activate** to enable the nudge plan.

#### Related Topics

- [How do I enable cross-docking notifications?](#)
- [How do I view the line items with cross-docking suggestions?](#)

## How do I regenerate cross-docking suggestions?

Use the Generate Cross-Dock and Put Away Suggestions scheduled process to regenerate cross-dock suggestions and nudges.

Here's how:

1. Click **Navigator > Tools > Scheduled Processes**.
2. On the Scheduled Processes Overview page, click **Schedule New Process** to
3. Leave the type as **Job**.
4. Search for and select the **Generate Cross-Dock and Put Away Suggestions** process.
5. Select the **Regenerate Suggestions** checkbox to override existing suggestions and generate new suggestions.

The screenshot shows the 'Process Details' dialog box for the 'Generate Cross-Dock and Put Away Suggestions' process. At the top, there is a status message: 'This process will be queued up for submission at position 1'. Below this are buttons for 'Process Options', 'Advanced', 'Submit', and 'Cancel'. The 'Name' field is 'Generate Cross-Dock and Put Away Suggestions'. The 'Description' is 'Generates cross-docking and put away suggestion...'. There is a checkbox for 'Notify me when this process ends'. The 'Schedule' is set to 'As soon as possible' and there is a 'Submission Notes' field. Under 'Basic Options', the 'Parameters' section shows 'Organization' set to 'AIM1'. At the bottom, the 'Regenerate Suggestions' checkbox is checked.

6. Click **Submit**.

### Related Topics

- [How do I enable cross-docking notifications?](#)
- [How do I view the line items with cross-docking suggestions?](#)






# 7 Assign Load Number to Group Shipments

## How do I enable outbound loads for shipments and shipment lines?

Use the Advanced Inventory Parameters task to enable outbound load creation.


Here's how:

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization and then click  to select the **Enable outbound load creation** checkbox to create outbound loads.
3. Click **Save**.

## How do I create outbound load to group shipments and shipment lines?

Create and assign an outbound load to a group of shipments or shipment lines, and transport your shipment together in a same container or truck.

Here's how:

1. In the Inventory Management work area, click , and then select **Outbound Shipments** task.
2. In the in-app navigation, select the Outbound Loads page, and then click **Create Load**.
3. Enter the details for the new load, and then click **Create**.  
**Note:** If you don't provide a Load Name, the system automatically generates a unique load name for you.
4. Click **Add Line** to search for and select shipment lines and add them to the load.  
**Note:** If the selected line is tied to a shipment or LPN, all associated lines are automatically added to the load.
5. Click **Shipments** tab, and then click **Add Shipments** to search for and select shipments to add to the load.  
All shipments lines within the selected shipment are added to the load.
6. Click **LPNs** tab, and then click **Add LPNs** to search for and select LPNs to add to the load.  
All shipment lines within the LPN are added to the load.

### Related Topics

- [How do I enable outbound loads for shipments and shipment lines?](#)
- [How do I manage shipments and shipment lines for load numbers?](#)

# How do I manage shipments and shipment lines for load numbers?

After you add shipments or shipments lines to the load, use pick release to ship the load.

Here's how:

1. Pick release the load by using any of these:
  - Create a **New Pick Wave** where load name is added as a demand selection criterion.
  - Select the **Pick Release** action from the load header.
  - Select the individual shipment lines, and then click **Pick Release**.
2. Confirm the eligible load for shipping:
  - a. In the **Outbound Loads** page, search for select the load to be shipped.
  - b. Click **...**, and then select **Ship Confirm**.
  - c. Optionally, open the load details page, and then click **Ship Confirm** to confirm all or individual lines.

## Related Topics


- [How do I enable outbound loads for shipments and shipment lines?](#)
- [How do I create outbound load to group shipments and shipment lines?](#)

## 8 Set Up Put Away Suggestions

### How do I set up priority order for locations to enable put away suggestions?

Use the Advanced Inventory Parameters task to enable put away suggestions.

Here's how:

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization and then click .
3. Select the **Enable put away suggestions** checkbox, and then set priority 1 to priority 4 in a order of your choice.
  - o A specific subinventory and locator (item transaction defaults).
  - o Item subinventory and locator association.
  - o A specific zone (defaulted from Item Category defined for Put Away activity of Zone definition).
  - o Where on-hand already exists.
4. Click **Save**.

### How do I manage put away when primary storage location for an item is full?

Specify the primary location where a warehouse operator should look to put goods away into storage and let the application suggest alternate storage locations if the primary location is full.

Configure a priority order for the application to determine the primary put away location for items including new options that don't rely on item transaction defaults.

The **Show Other Locations** button on the mobile inventory put away goods page lets your warehouse operators to view and select alternate storage locations if the primary storage location is full.

Here's how:

**Note:** The Suggest Put Away location feature is available only on a Mobile Put Away page, for the operators to look for suggestions while they're actively placing goods into storage locations.

1. In the Inventory Management mobile work area, click **Put Away Goods** task.
2. Select the organization, and then click **Continue**.
3. Select Put Away By as **Receipt**, enter the receipt number, and then click **Continue**.

4. Click the Item card to view the default subinventory and locator with highest priority.

RCV-100

**Put away information**

Destination Subinventory  
INVRC102

Subinventory Barcode [icon] [icon] Required

Destination Locator  
RCV2.1.1

Locator Barcode [icon] [icon]

Show Other Locations

RCV-100  
Plain Item

Required Quantity  
10 Each

**Items to put away**

Quantity  
10

UOM  
Each

Cancel

Put Away

5. If the default location is full, click **Show Other Locations** to view and select from alternative suggested locations.

**Put away suggestions** X

RCV-100

Subinventory	Locator
SO06060527	T3.R3.S3.B3
ABCSUB01	ABC1.1.1
BV11011	
BV18635	
BV21024	
BV2770	
BV27895	
BV27962	
BV28938	
BV32884	
BV6167	
DS4612	

6. Click **Put Away**.

#### Related Topics

- [How do I set up priority order for locations to enable put away suggestions?](#)
- [How can I regenerate new put away suggestions?](#)

## How can I regenerate new put away suggestions?

Use the Generate Cross-Dock and Put Away Suggestions scheduled process to generate put away suggestions.

Here's how:

1. Click **Navigator > Tools > Scheduled Processes**.
2. On the Scheduled Processes Overview page, click **Schedule New Process** to
3. Leave the type as **Job**.
4. Search for and select the **Generate Cross-Dock and Put Away Suggestions** process.
5. Select the **Regenerate Suggestions** checkbox to override existing suggestions and generate new suggestions.

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6. Click **Submit**.

#### Related Topics

- [How do I set up priority order for locations to enable put away suggestions?](#)
- [How do I manage put away when primary storage location for an item is full?](#)

