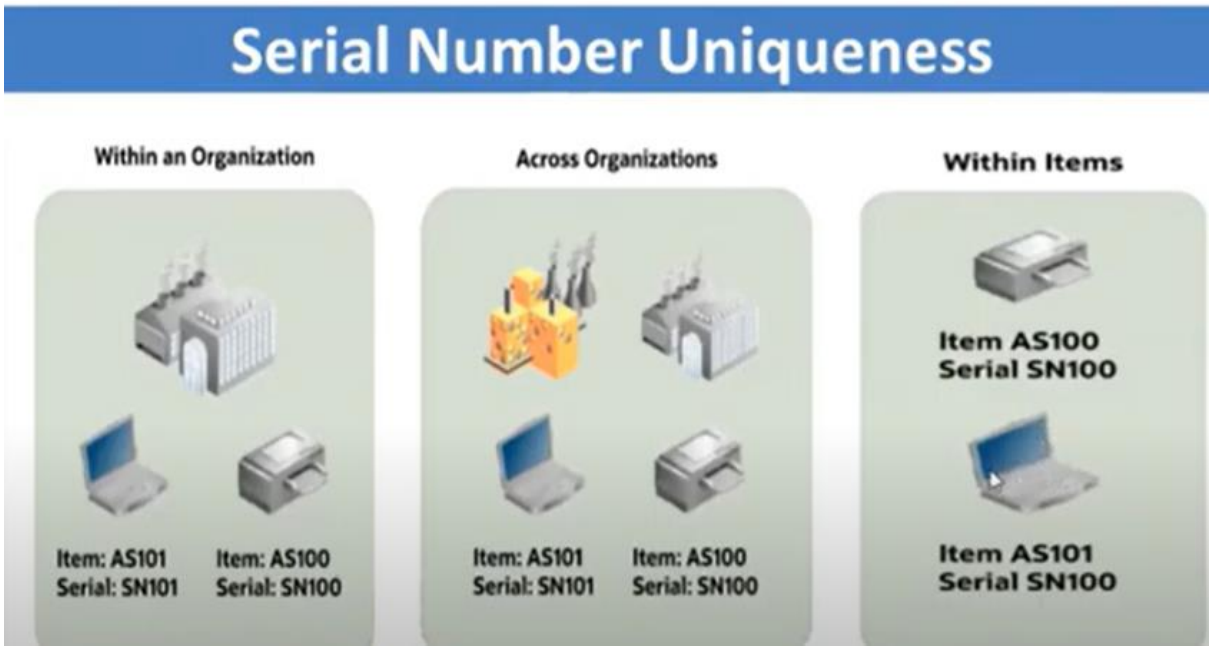
## Inventory Controls: -

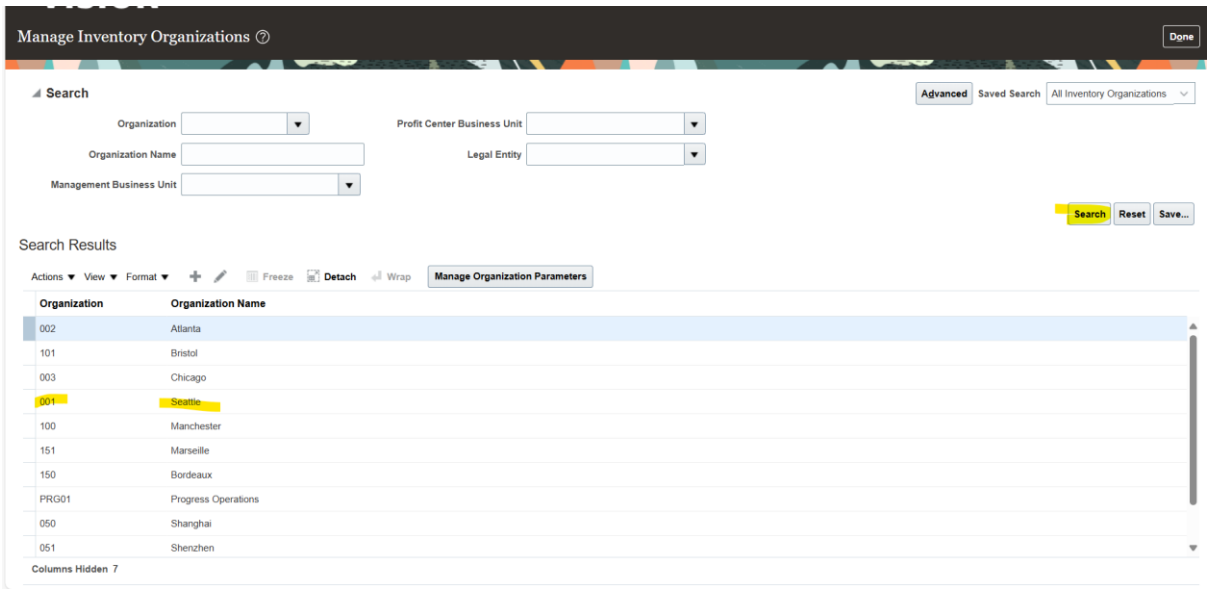
1. Serial Control→
2. Lot Control
3. Revision Control
4. Locator Control

1. Serial Control: - Serial Number is a alphanumeric identifier assigned to an item. Oracle inventory provides complete serial number support for inventory transactions. Serial number in a form of number or bar code.



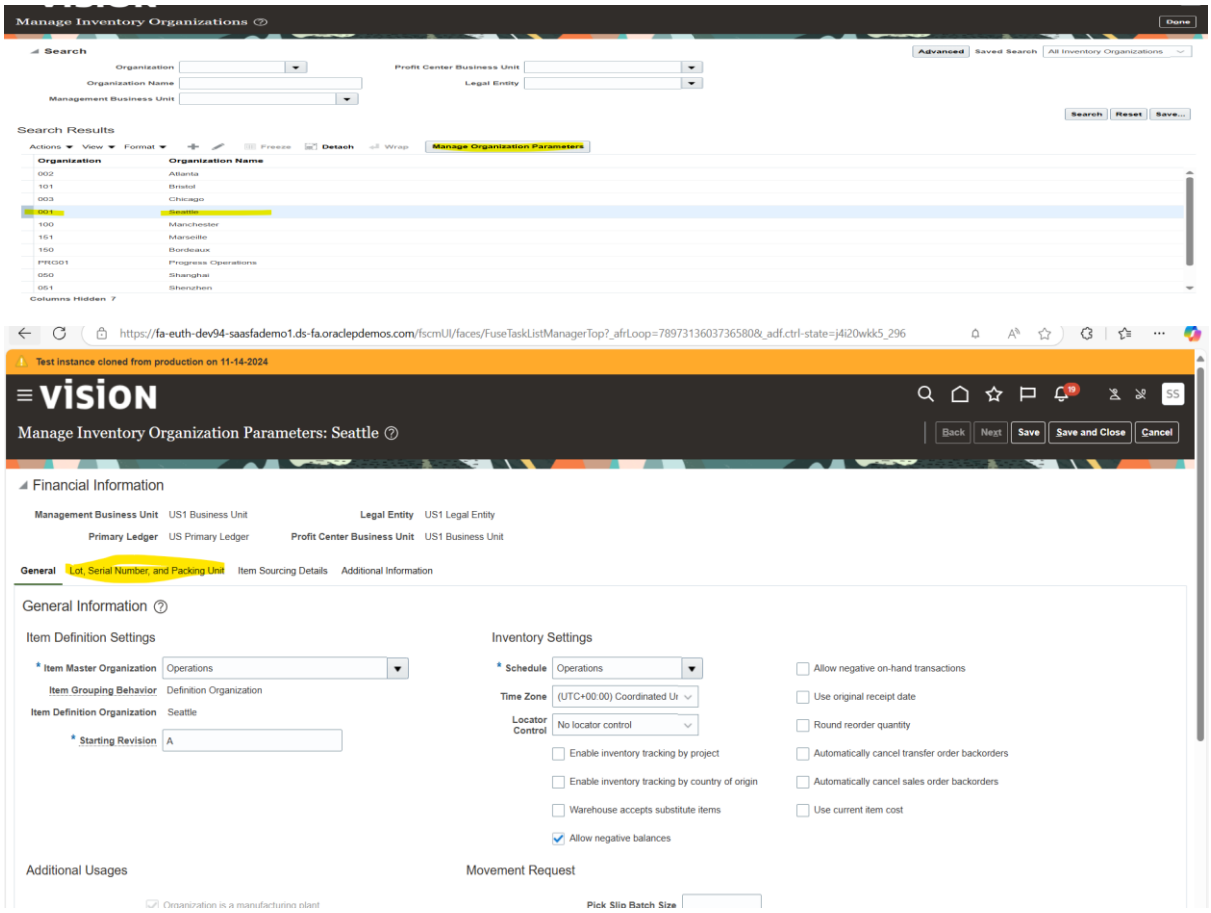

Serial number is unique across items, within organization and across organization.

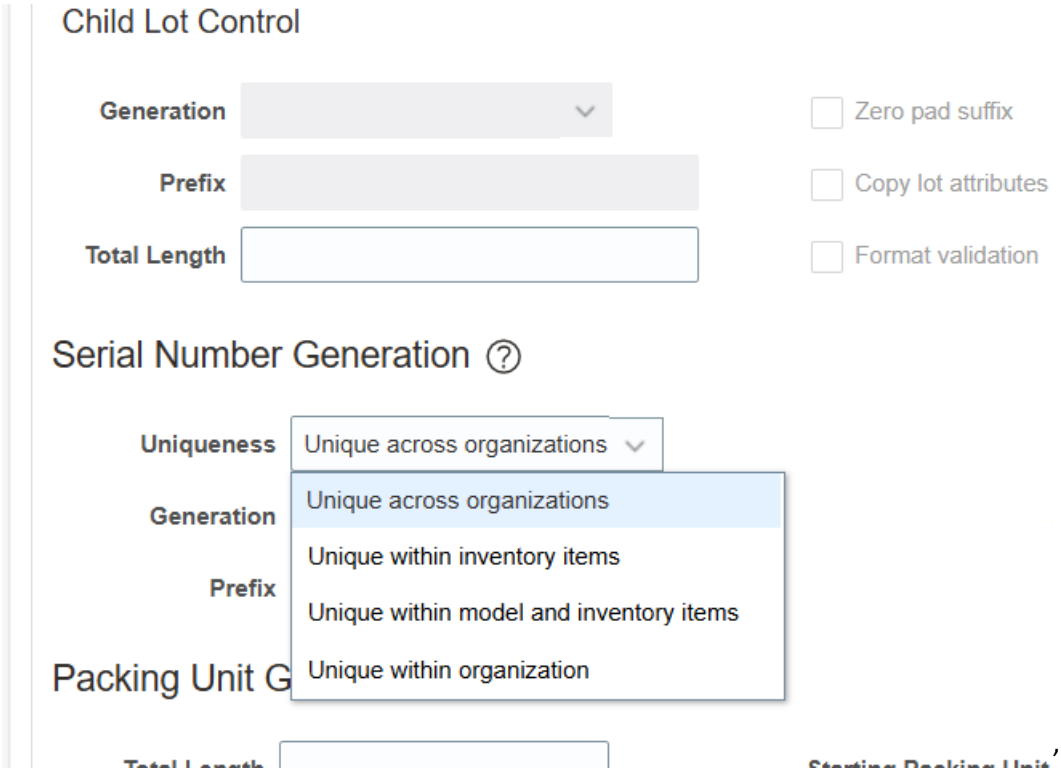
## Manage Inventory Organization: -

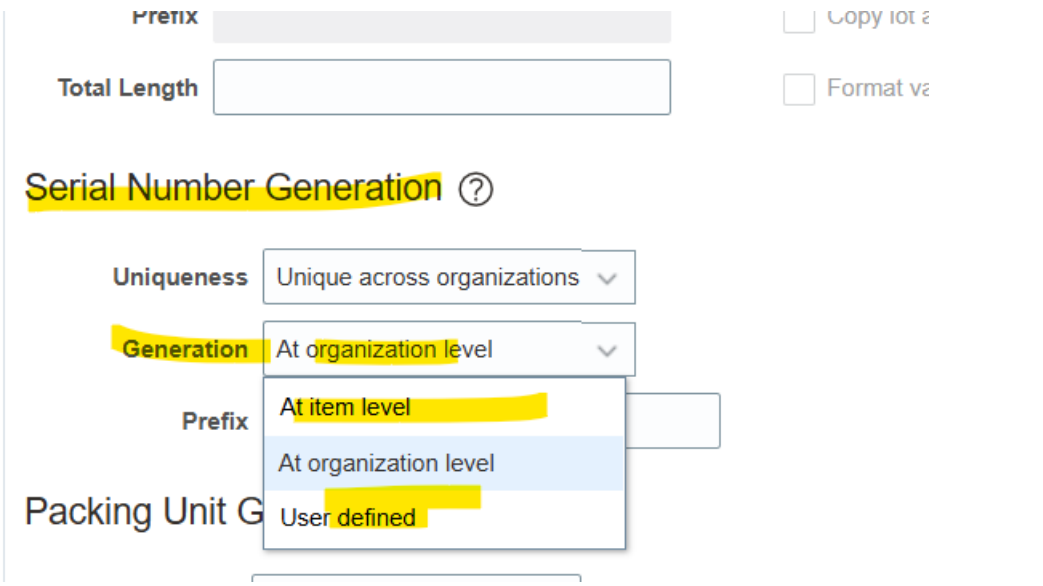


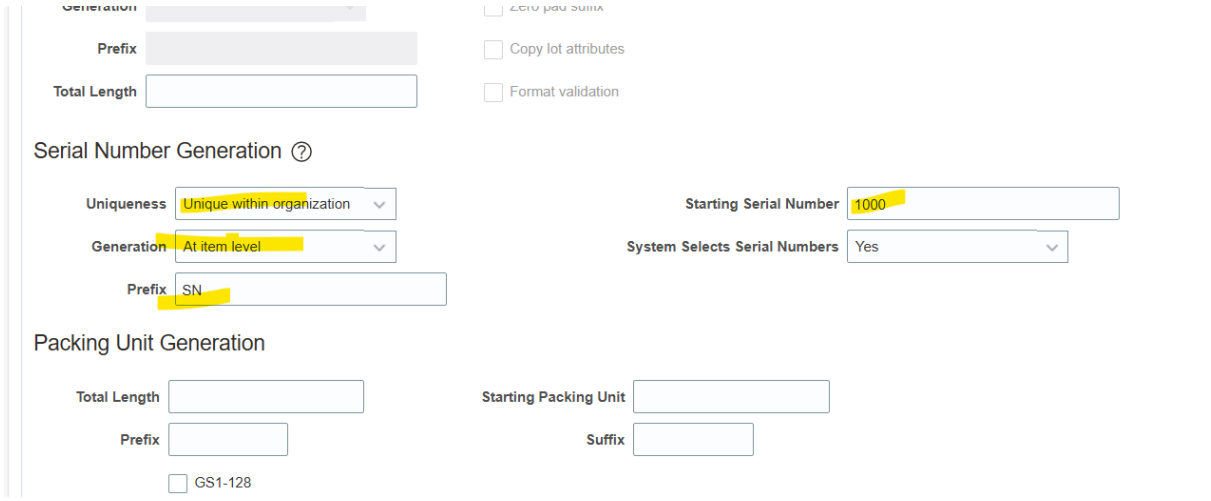

Empty search, then select the organization

1) Serial number at organization level:-



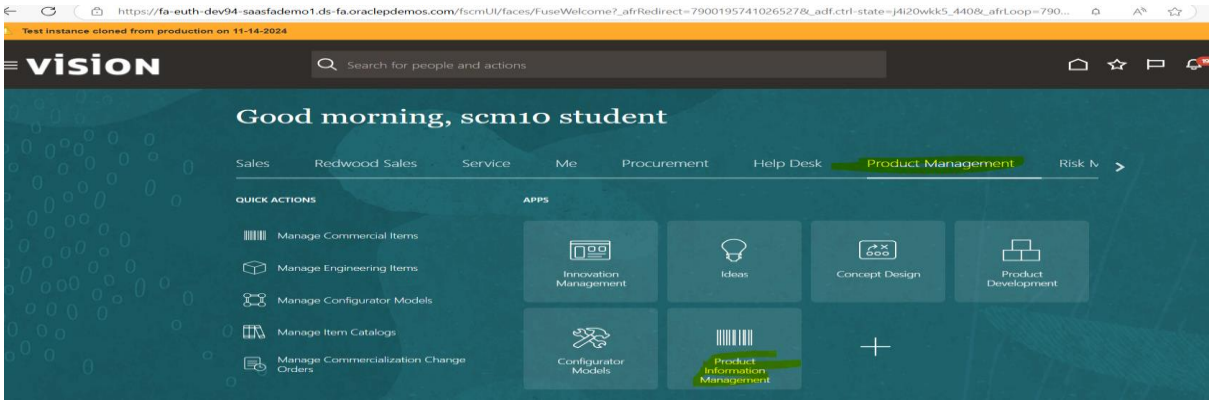

Child Lot Control
Generation
Prefix
Total Length
Zero pad suffix
Copy lot attributes
Format validation
Serial Number Generation
Uniqueness
Unique across organizations
Generation
Prefix
Unique across organizations
Unique within inventory items
Unique within model and inventory items
Unique within organization
Packing Unit G

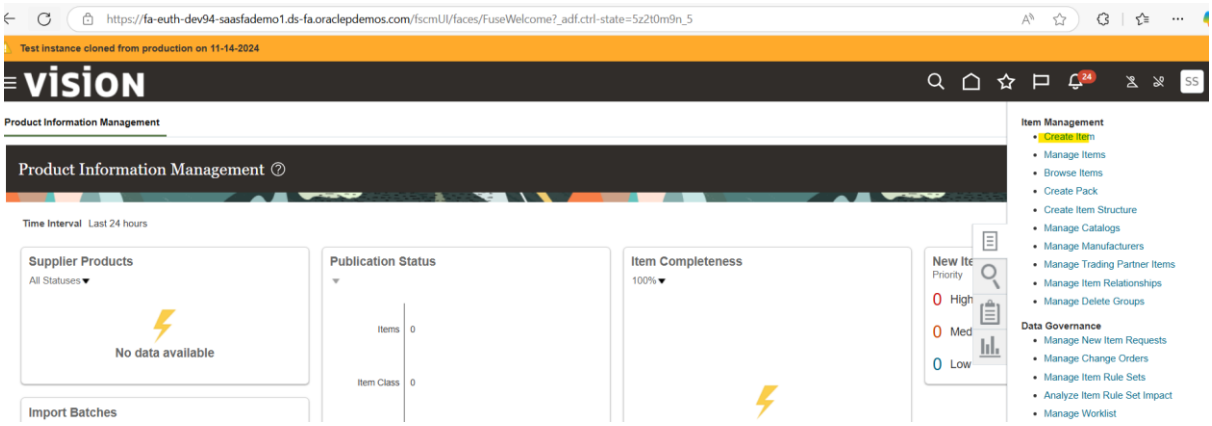

Prefix
Total Length
Serial Number Generation
Uniqueness
Unique across organizations
Generation
At organization level
Prefix
At item level
At organization level
User defined
Packing Unit G

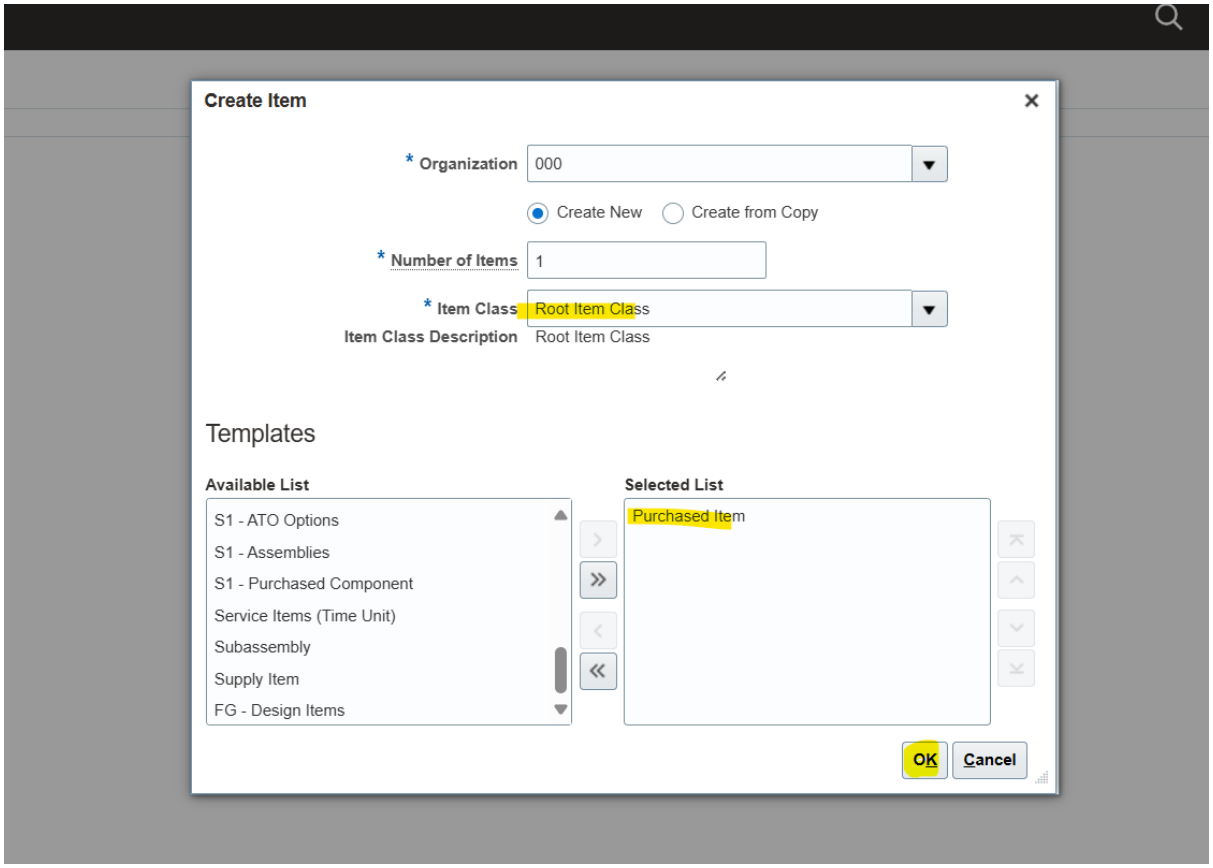


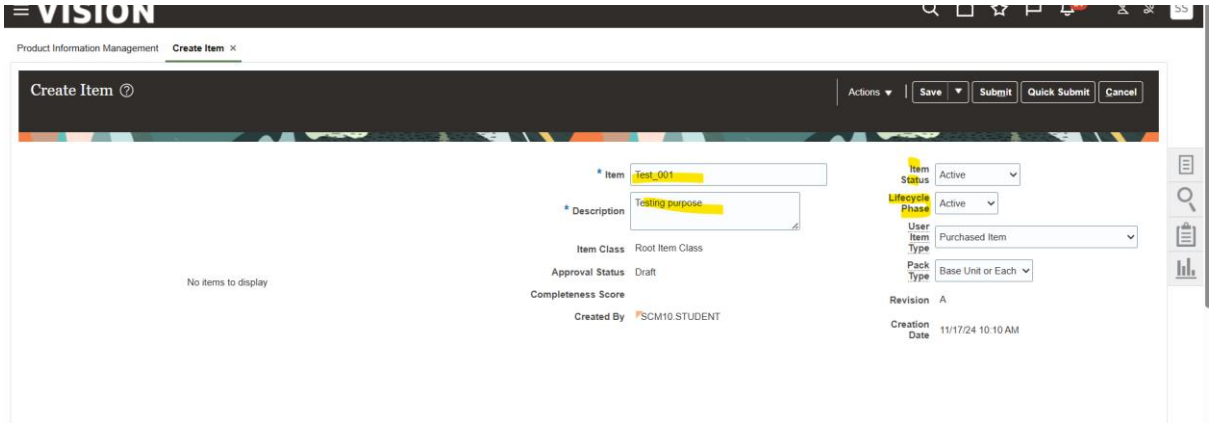

Save and close

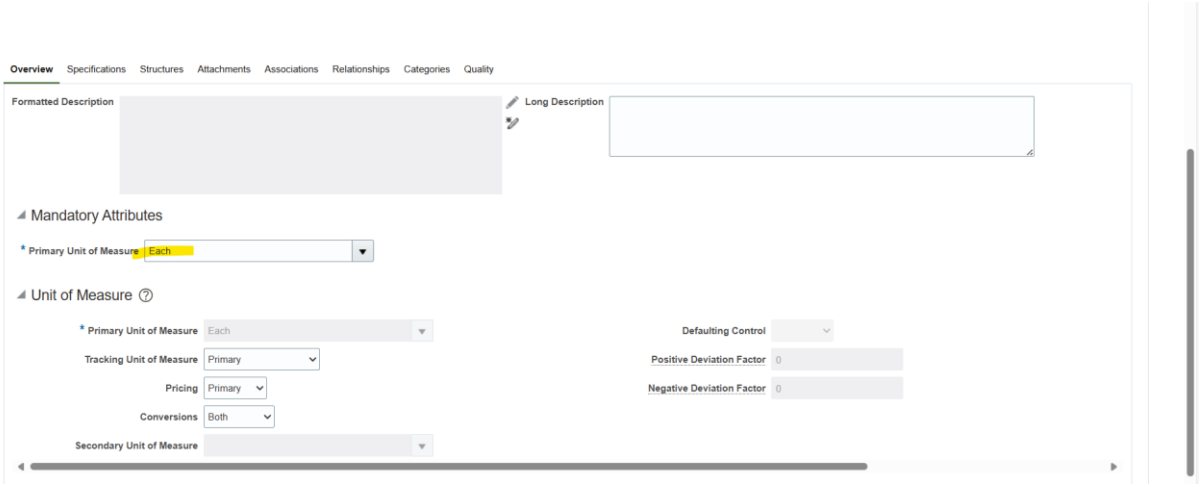
2) Serial number Generation at item level:-

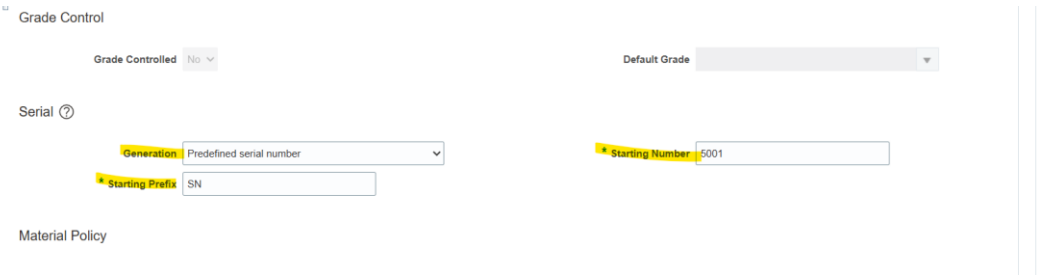


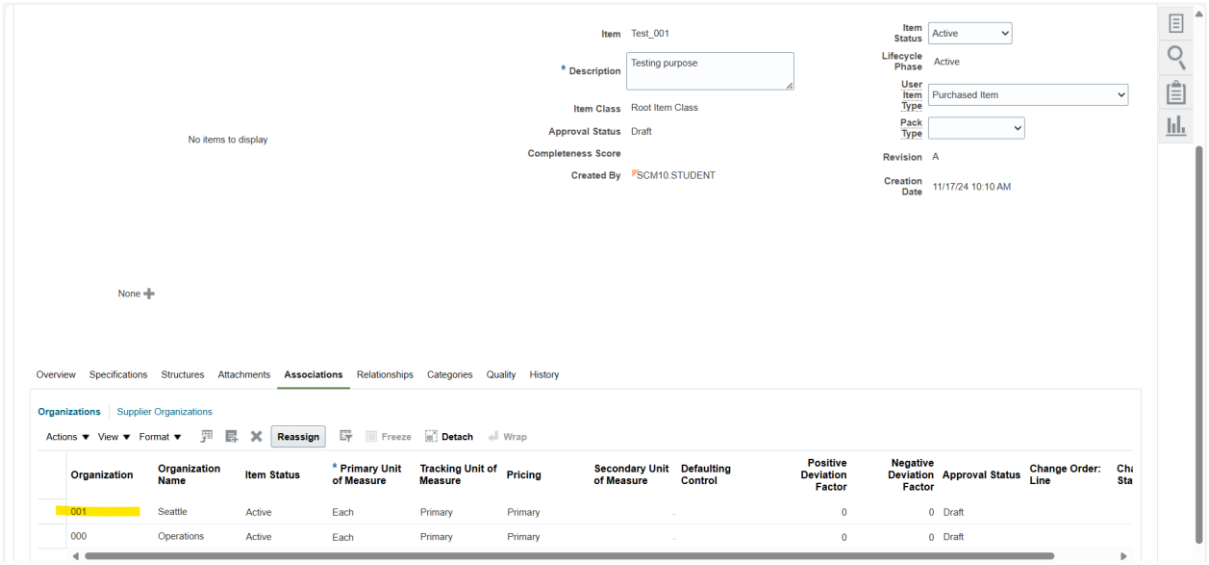




Create Item
* Organization
000
Create New
Create from Copy
* Number of Items
1
* Item Class
Root Item Class
Item Class Description
Root Item Class
Templates
Available List
S1 - ATO Options
S1 - Assemblies
S1 - Purchased Component
Service Items (Time Unit)
Subassembly
Supply Item
FG - Design Items
Selected List
Purchased Item
OK
Cancel


VISION
Product Information Management
Create Item
Create Item
Actions
Save
Submit
Quick Submit
Cancel
* Item
Test_001
* Description
Testing purpose
Item Class
Root Item Class
Approval Status
Draft
Completeness Score
Created By
SCM10.STUDENT
Item Status
Active
Lifecycle Phase
Active
User Item Type
Purchased Item
Pack Type
Base Unit or Each
Revision
A
Creation Date
11/17/24 10:10 AM
No items to display

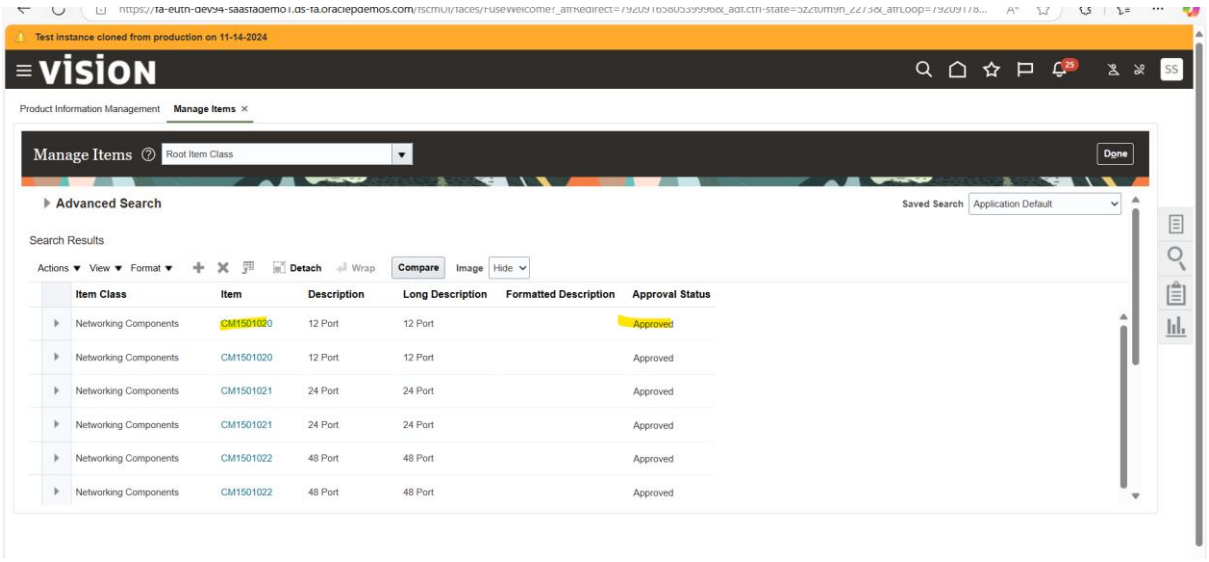

Overview
Specifications
Structures
Attachments
Associations
Relationships
Categories
Quality
Formatted Description
Long Description
Mandatory Attributes
* Primary Unit of Measure
Each
Unit of Measure
* Primary Unit of Measure
Each
Tracking Unit of Measure
Primary
Pricing
Primary
Conversions
Both
Secondary Unit of Measure
Defaulting Control
Positive Deviation Factor
0
Negative Deviation Factor
0

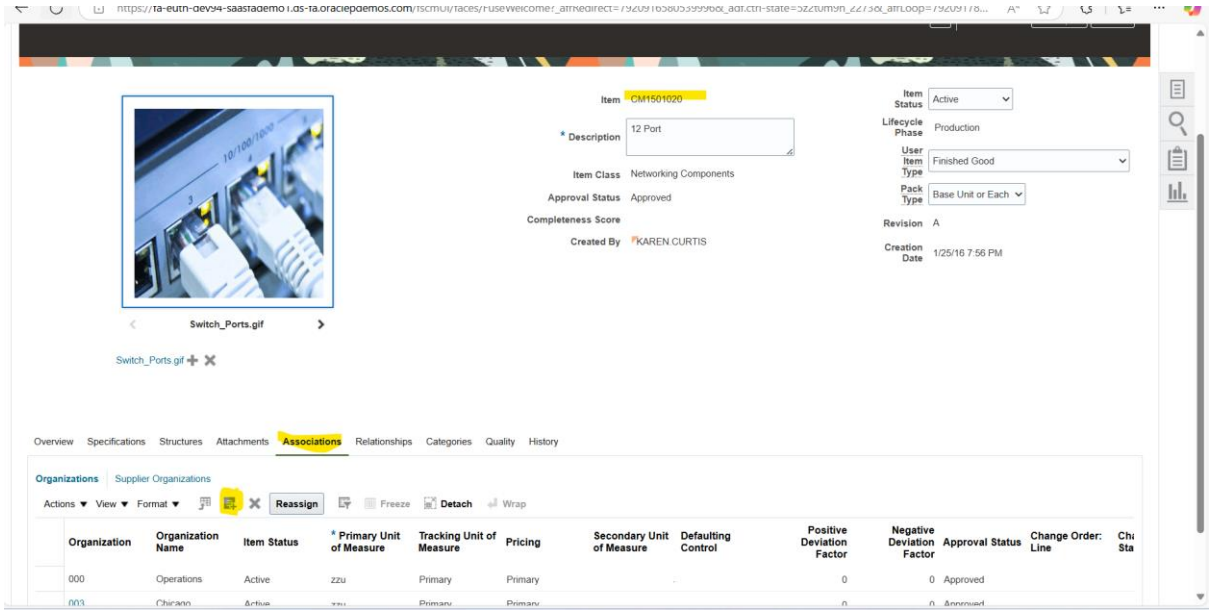


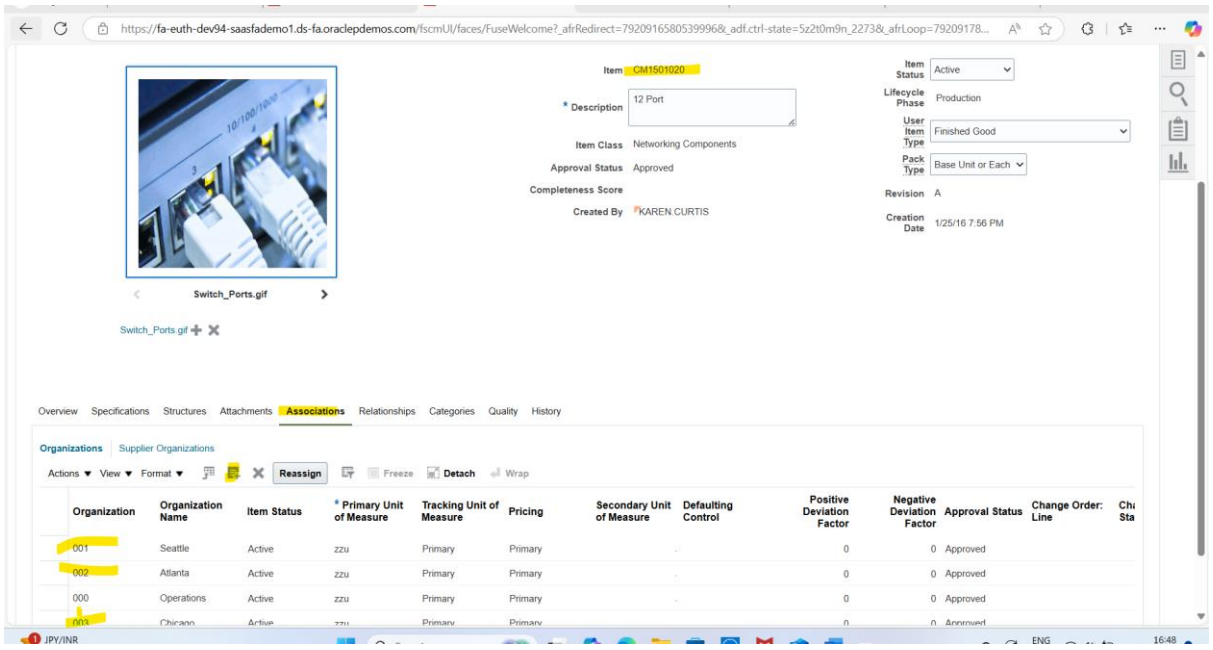

Save and submit

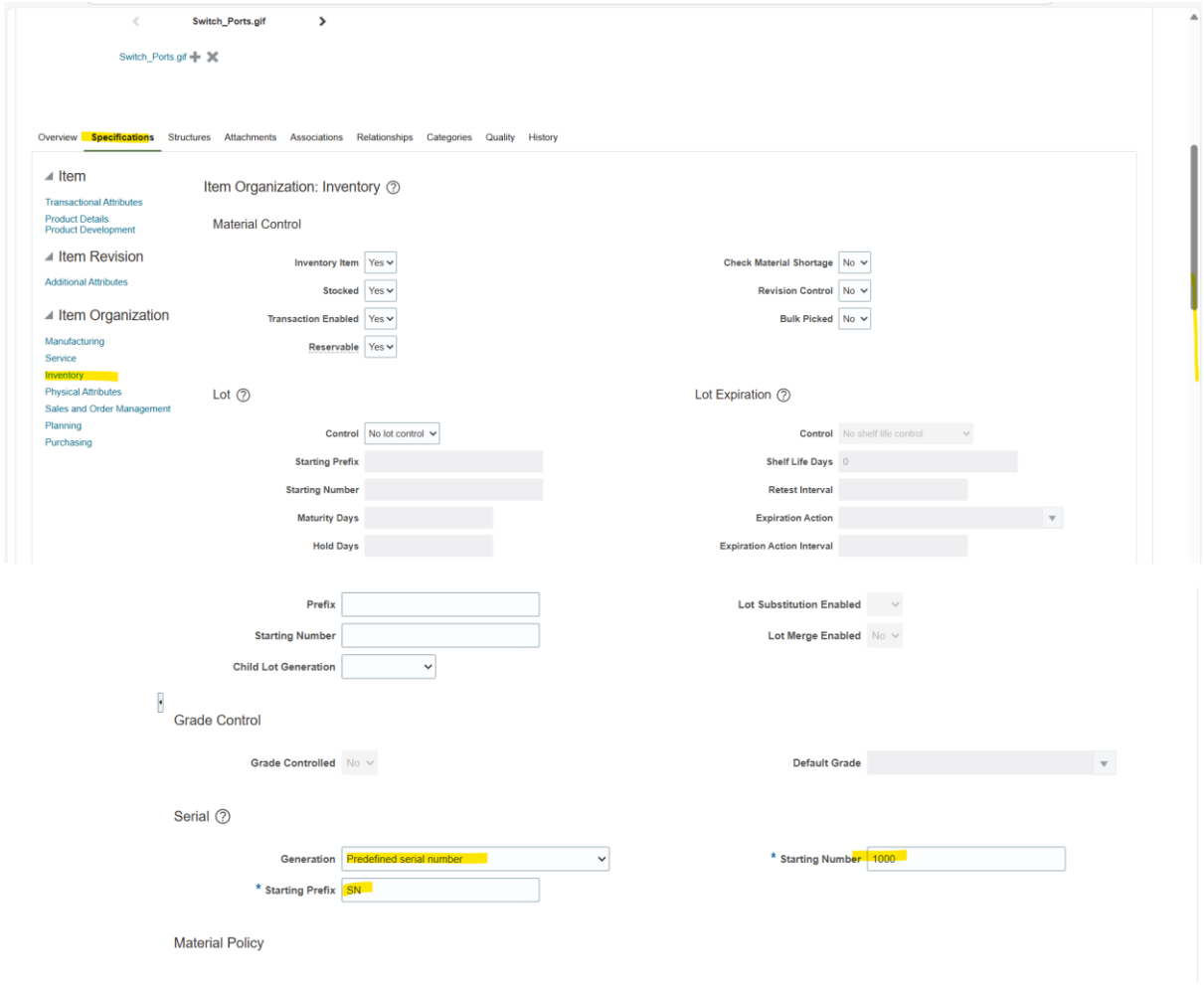
Generate Serial numbers:-






Add this item to our orgs 001,002 etc



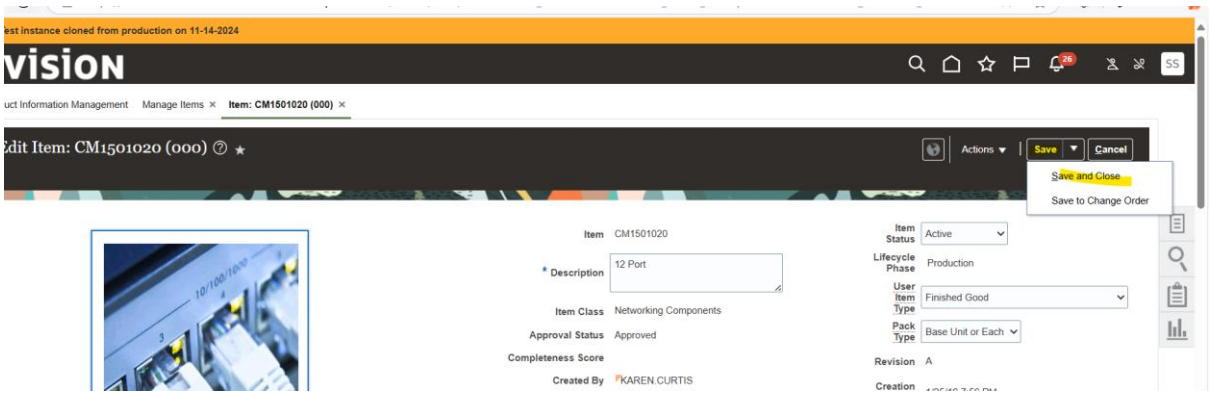



Generation: Update Predefined serial number

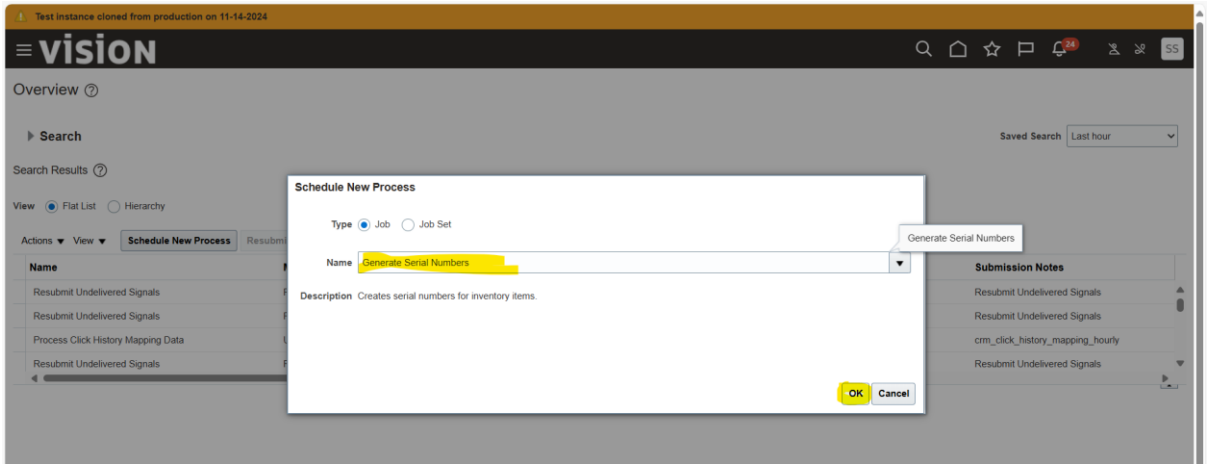
Starting Prefix: SN

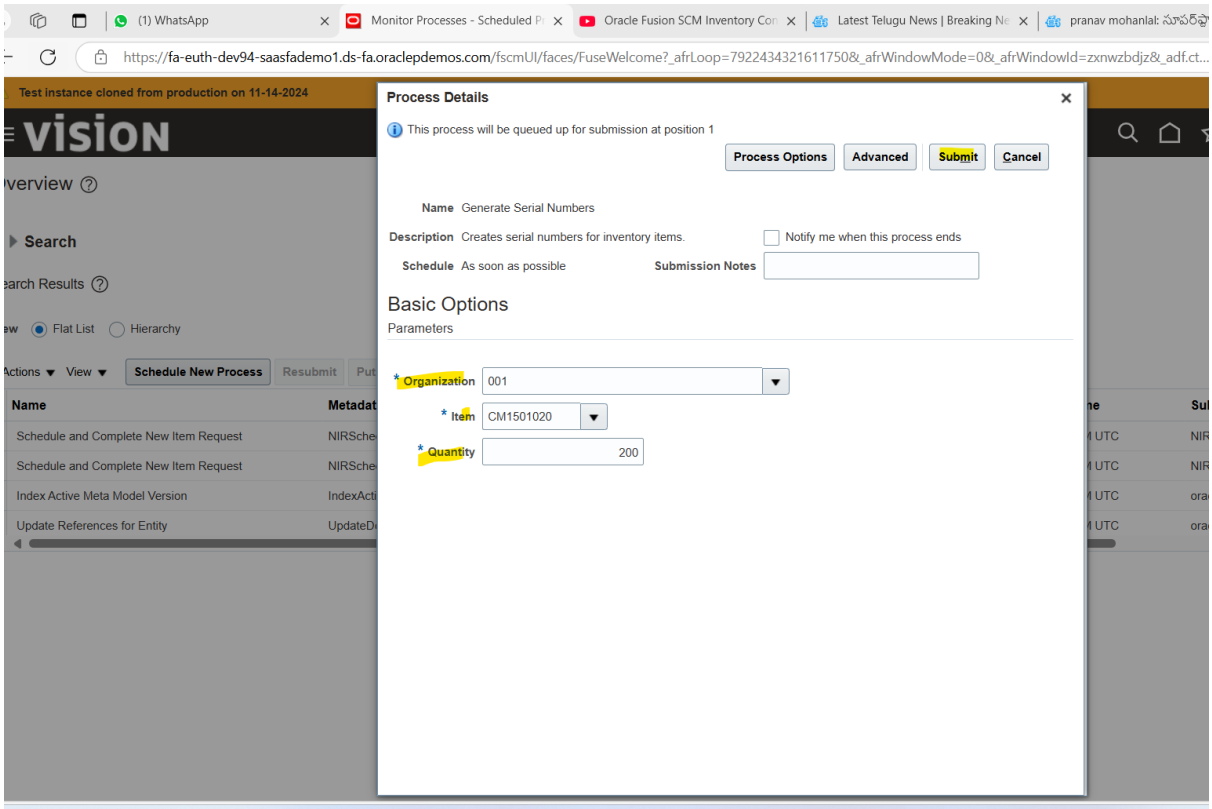
Starting Number: 1000

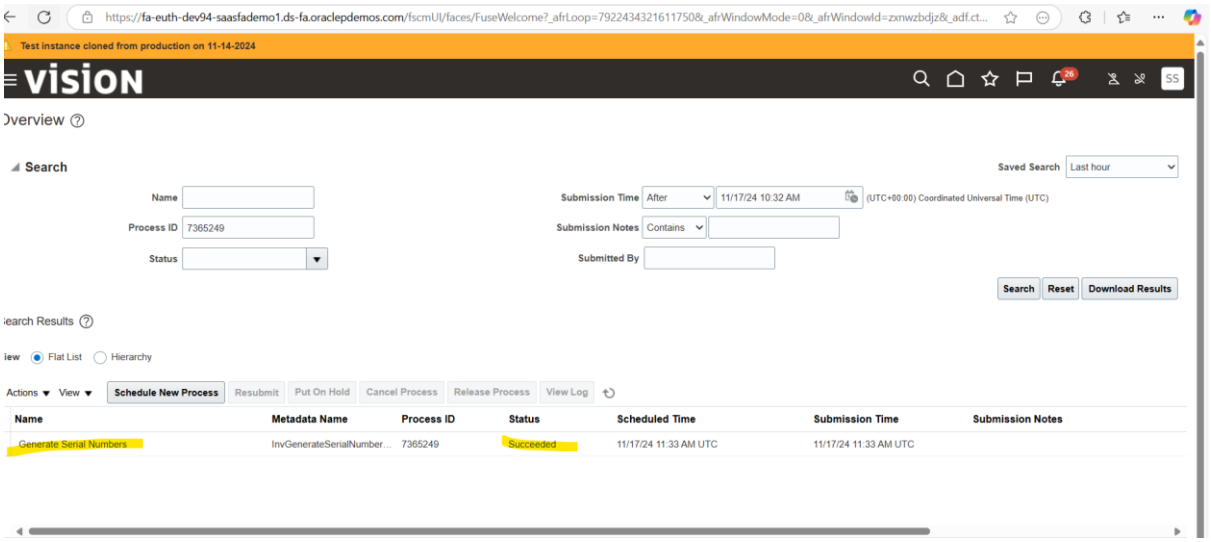
Save and close



Take this item as a input



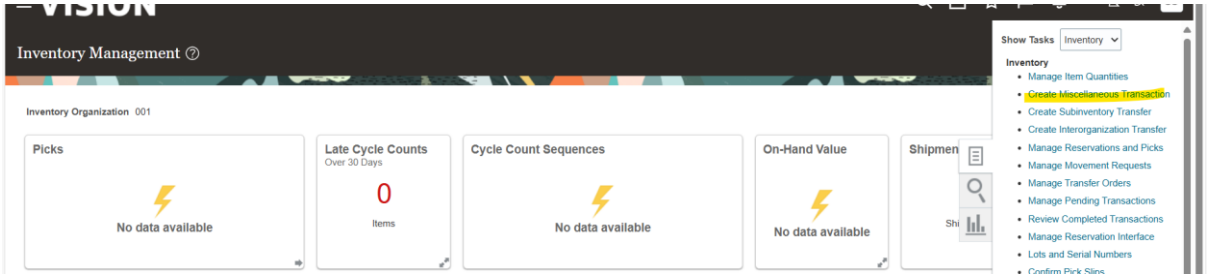



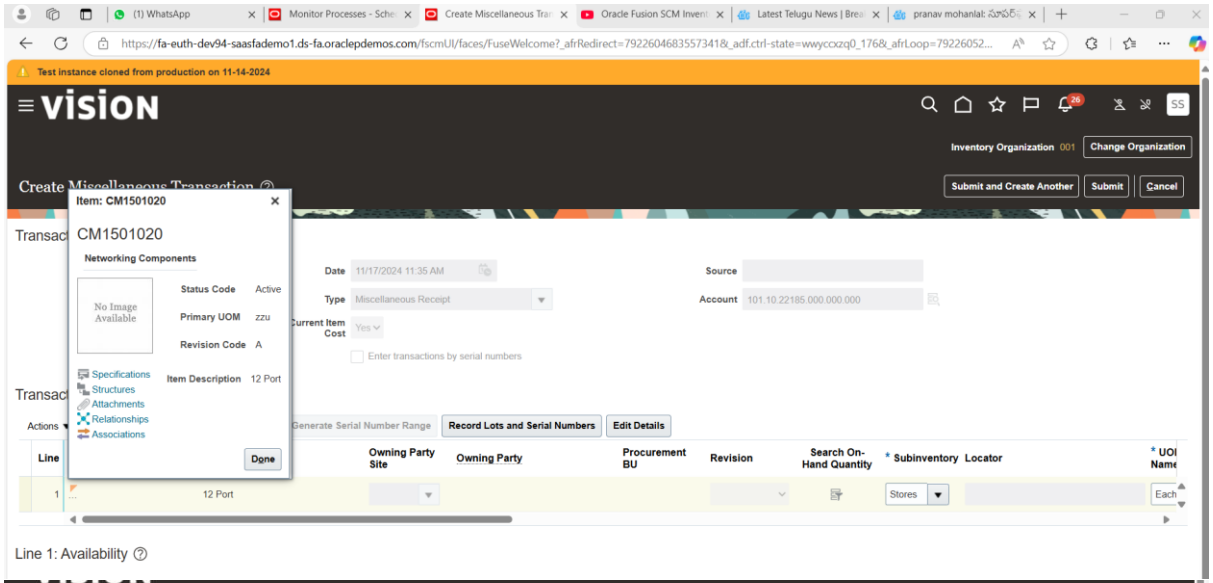


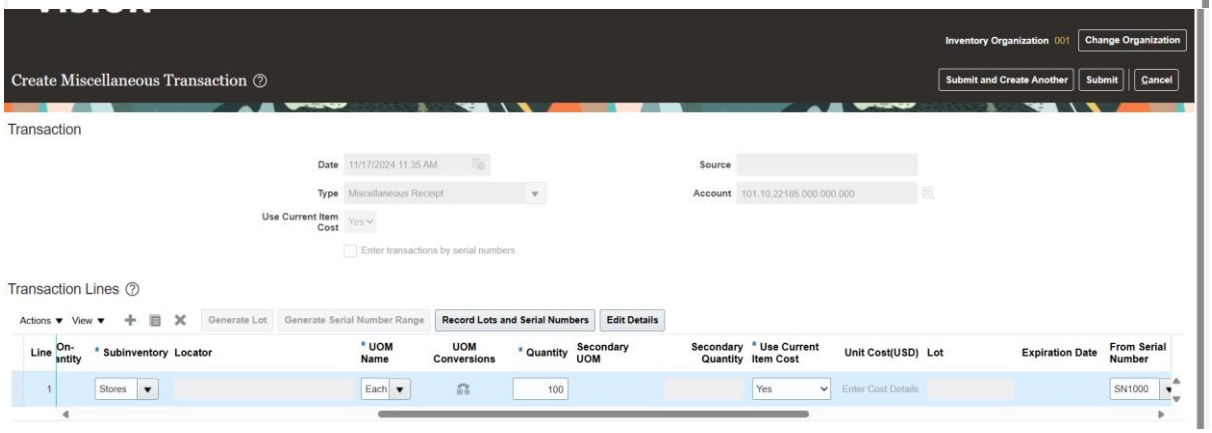

Serial numbers are generated successfully.

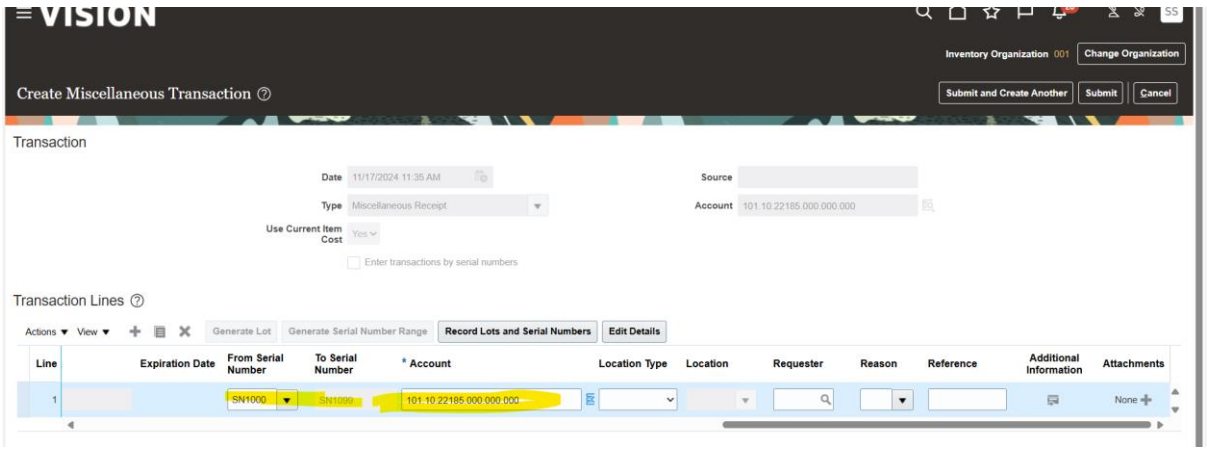
Now we will do Transactions with this item

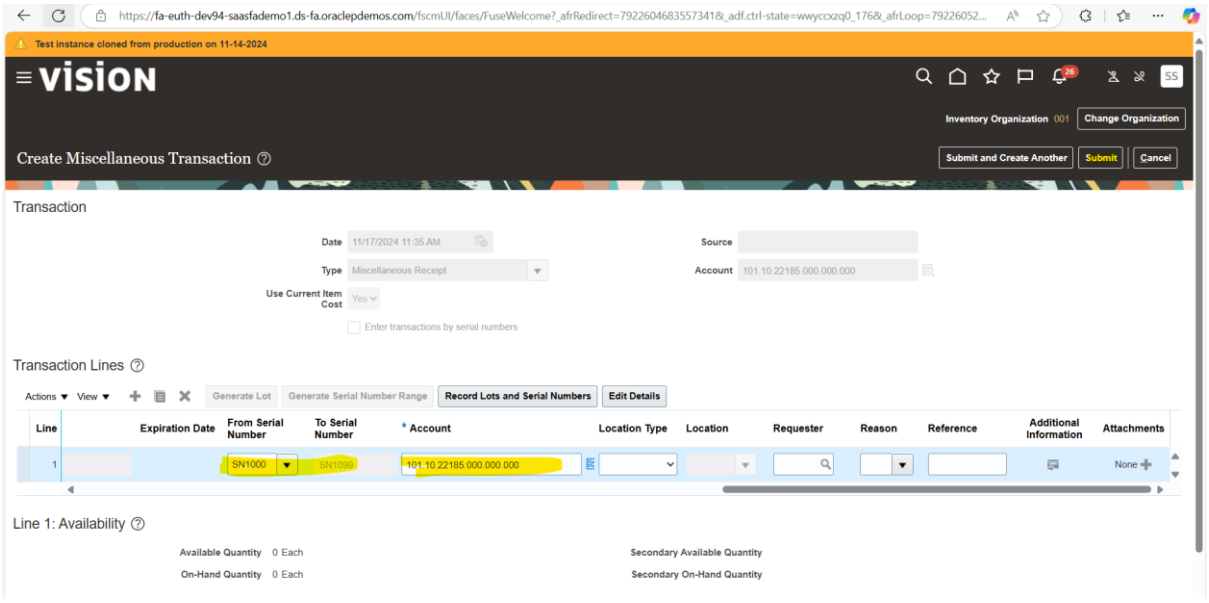
Create Miscellaneous Transaction:-

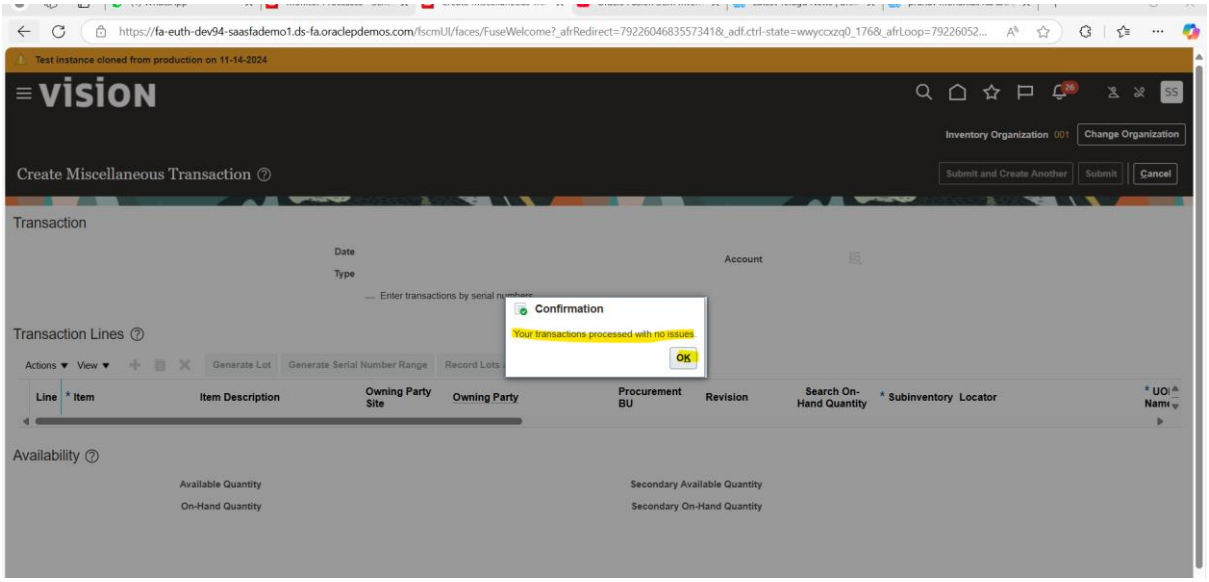



Test instance cloned from production on 11-14-2024
VISION
Inventory Organization 001
Change Organization
Create Miscellaneous Transaction
Submit and Create Another
Submit
Cancel
Item: CM1501020
CM1501020
Networking Components
No Image Available
Status Code Active
Primary UOM zzu
Revision Code A
Item Description 12 Port
Specifications
Structures
Attachments
Relationships
Associations
Done
Date 11/17/2024 11:35 AM
Type Miscellaneous Receipt
Account 101.10.22185.000.000.000
Source
Enter transactions by serial numbers
Generate Serial Number Range
Record Lots and Serial Numbers
Edit Details
Line
Owning Party Site
Owning Party
Procurement BU
Revision
Search On-Hand Quantity
* Subinventory
Locator
Stores
Each
12 Port
Line 1: Availability


Inventory Organization 001
Change Organization
Create Miscellaneous Transaction
Submit and Create Another
Submit
Cancel
Transaction
Date 11/17/2024 11:35 AM
Type Miscellaneous Receipt
Account 101.10.22185.000.000.000
Source
Use Current Item Cost
Enter transactions by serial numbers
Transaction Lines
Generate Lot
Generate Serial Number Range
Record Lots and Serial Numbers
Edit Details
Line
On-hand Quantity
* Subinventory
Locator
* UOM Name
UOM Conversions
* Quantity
Secondary UOM
Secondary Quantity
* Use Current Item Cost
Unit Cost(USD)
Lot
Expiration Date
From Serial Number
Stores
Each
100
Yes
Enter Cost Details
SN1000

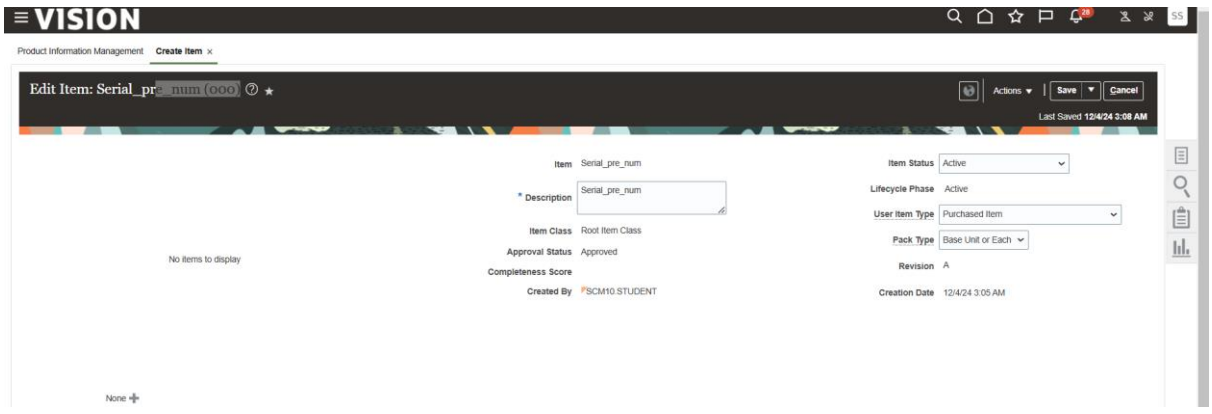

VISION
Inventory Organization 001
Change Organization
Create Miscellaneous Transaction
Submit and Create Another
Submit
Cancel
Transaction
Date 11/17/2024 11:35 AM
Type Miscellaneous Receipt
Account 101.10.22185.000.000.000
Source
Use Current Item Cost
Enter transactions by serial numbers
Transaction Lines
Generate Lot
Generate Serial Number Range
Record Lots and Serial Numbers
Edit Details
Line
Expiration Date
From Serial Number
To Serial Number
* Account
Location Type
Location
Requester
Reason
Reference
Additional Information
Attachments
SN1000
101.10.22185.000.000.000
None

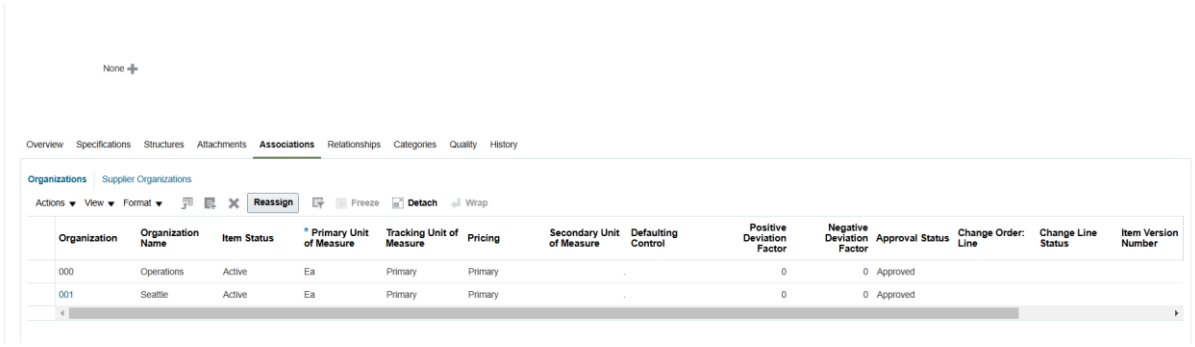


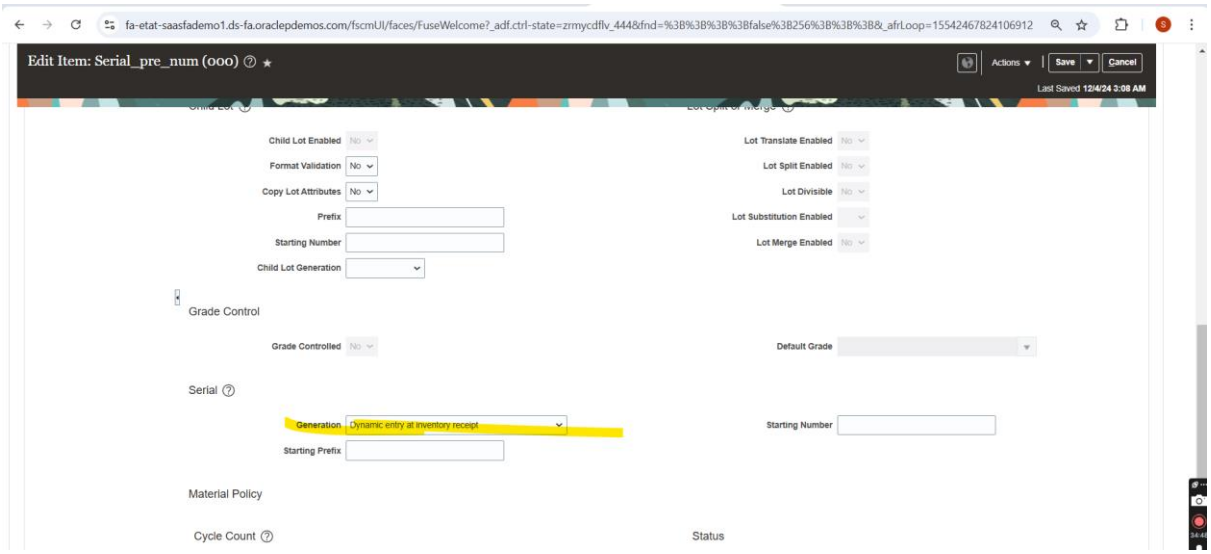



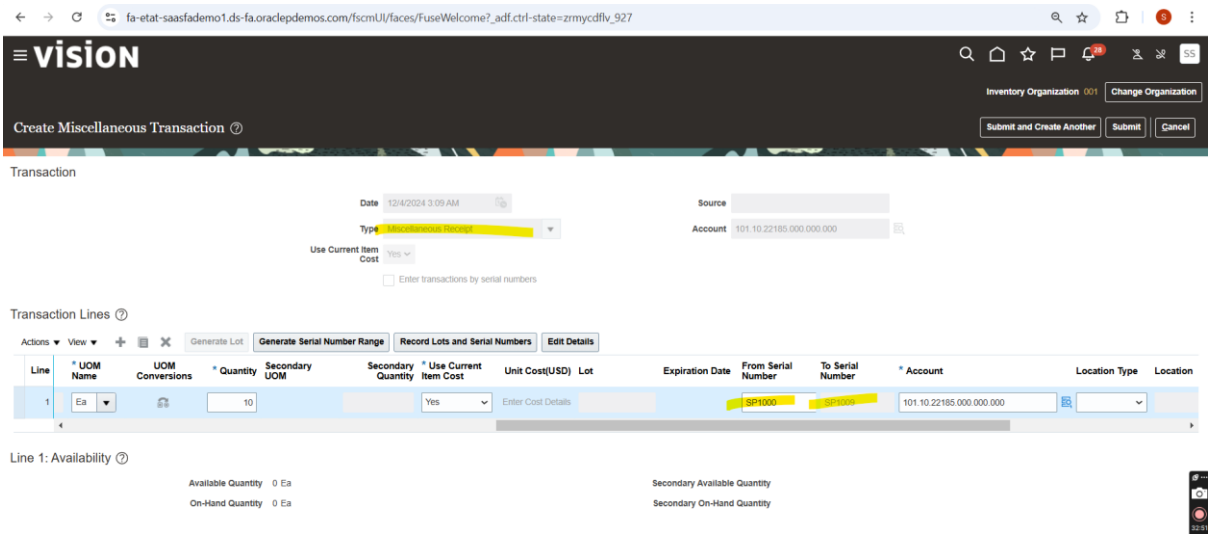

Another way:

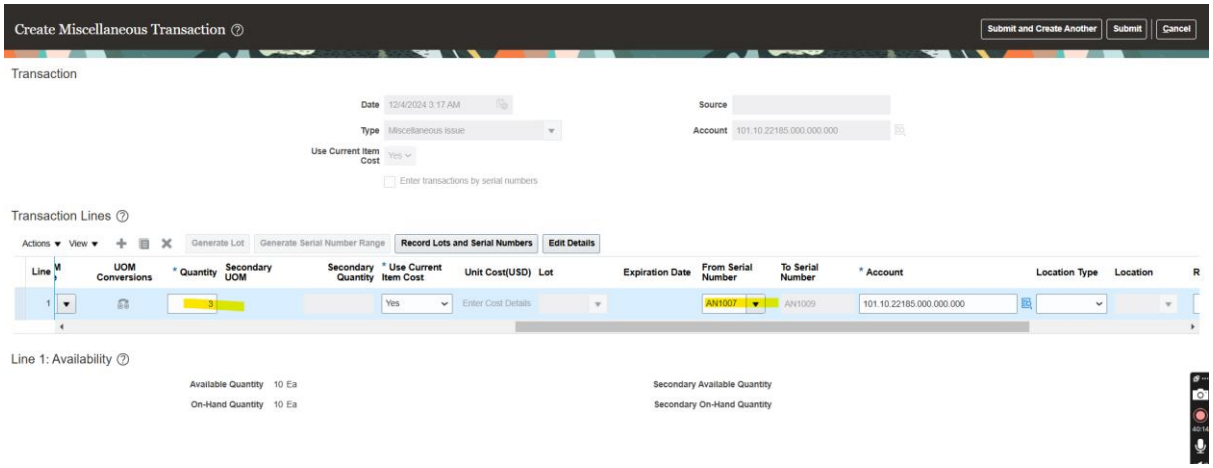
Dynamic entry : we can enter the serial number dynamically at the time of transactions.




None
Overview Specifications Structures Attachments Associations Relationships Categories Quality History
Organizations Supplier Organizations
Actions View Format Reassign Freeze Detach Wrap
Organization Organization Name Item Status * Primary Unit of Measure Tracking Unit of Measure Pricing Secondary Unit of Measure Defaulting Control Positive Deviation Factor Negative Deviation Factor Approval Status Change Order: Line Change Line Status Item Version Number
000 Operations Active Ea Primary Primary 0 0 Approved
001 Seattle Active Ea Primary Primary 0 0 Approved


fa-etat-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=zrmycdflv_444&fnd=%3B%3B%3B%3Bfalse%3B256%3B%3B%3B&_afrLoop=15542467824106912
Edit Item: Serial_pre_num (000)
Actions Save Cancel
Last Saved 12/4/24 3:08 AM
Child Lot Enabled
Format Validation
Copy Lot Attributes
Prefix
Starting Number
Child Lot Generation
Lot Translate Enabled
Lot Split Enabled
Lot Divisible
Lot Substitution Enabled
Lot Merge Enabled
Grade Control
Grade Controlled
Default Grade
Serial
Generation Dynamic entry at inventory receipt
Starting Prefix
Starting Number
Material Policy
Cycle Count
Status


fa-etat-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=zrmycdflv_927
VISION
Inventory Organization 001 Change Organization
Create Miscellaneous Transaction
Submit and Create Another Submit Cancel
Transaction
Date 12/4/2024 3:09 AM
Type Miscellaneous Receipt
Use Current Item Cost Yes
Enter transactions by serial numbers
Source
Account 101.10.22185.000.000.000
Transaction Lines
Actions View Generate Lot Generate Serial Number Range Record Lots and Serial Numbers Edit Details
Line * UOM Name UOM Conversions * Quantity Secondary UOM Secondary Quantity * Use Current Item Cost Unit Cost(USD) Lot Expiration Date From Serial Number To Serial Number * Account Location Type Location
1 Ea 10 Yes Enter Cost Details SP1000 SP1009 101.10.22185.000.000.000
Line 1: Availability
Available Quantity 0 Ea
On-Hand Quantity 0 Ea
Secondary Available Quantity
Secondary On-Hand Quantity


Create Miscellaneous Transaction
Submit and Create Another
Submit
Cancel
Transaction
Date 12/4/2024 3:17 AM
Source
Type Miscellaneous issue
Account 101.10.22185.000.000.000
Use Current Item Cost Yes
Enter transactions by serial numbers
Transaction Lines
Actions
View
Generate Lot
Generate Serial Number Range
Record Lots and Serial Numbers
Edit Details
Line
UOM Conversions
* Quantity
Secondary UOM
Secondary Quantity
* Use Current Item Cost
Unit Cost(USD)
Lot
Expiration Date
From Serial Number
To Serial Number
* Account
Location Type
Location
1
3
Yes
Enter Cost Details
AN1007
AN1009
101.10.22185.000.000.000
Line 1: Availability
Available Quantity 10 Ea
On-Hand Quantity 10 Ea
Secondary Available Quantity
Secondary On-Hand Quantity