

DOO: Distribution order orchestration: -

Orchestration → Sequence of steps required to fulfil the customer requirement

Schedule → identify the source org, SSD (GOP Module/ Sourcing rules/ ATP Rules)

Reserve → reserved the quantity

Awaiting shipping → pick release, pick confirm, create shipments, ship confirm

Awaiting Billing → Invoice,

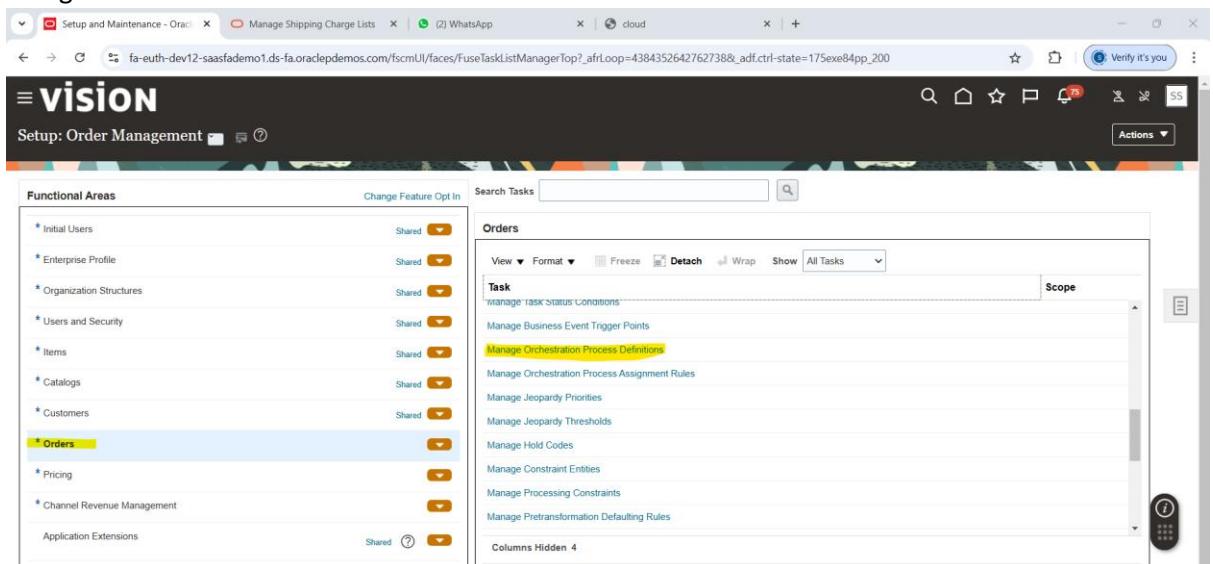
Closed

Manage Orchestration Process Definitions
Generic Process: DOO_OrderFulfillmentGenericProcess
Bill Only: DOO_BillOnlyGenericProcess
Ship Only: Custom
Return with receipt & credit: ReturnOrderGenericProcess
Return with credit only: DOO_BillOnlyGenericProcess
Return with receipt only : Custom
Order Type Lookup (Sales Orders: ORA_DO0_ORDER_TYPES Return Order: ORA_DO0_RETURN_LINE_TYPES)
Making order type as mandatory field
Manage Process Assignment Rule for sales orders
Manage Jeopardy Priorities
Manage Jeopardy Threshold Definitions

1. Manage Orchestration Process Definitions: -

Here we will see the different orchestration processes defined by Oracle

Navigation:



The screenshot shows the Oracle Fusion Middleware interface for 'Setup and Maintenance'. The browser address bar shows the URL: fa-eauth-dev12-saasfademo1.ds-fa.oracledemos.com/fscmUI/faces/FuseTaskListManagerTop?_afrLoop=4384352642762738&_adf.ctrl-state=175exe84pp_200. The main window displays the 'VISION' logo and the 'Setup: Order Management' page. On the left, there is a 'Functional Areas' sidebar with various categories like 'Initial Users', 'Enterprise Profile', 'Organization Structures', etc., many of which are shared. The 'Orders' category is currently selected. On the right, there is a 'Search Tasks' input field and a list of tasks under the 'Orders' section. One task, 'Manage Orchestration Process Definitions', is highlighted with a yellow background.

The screenshot shows the Oracle Fusion Middleware interface for managing orchestration process definitions. The top navigation bar includes links for 'Manage Orchestration Process Definitions' and 'Search'. Below the search bar, there are fields for 'Process Name' (D00%Order%), 'Description', and 'Process Class'. The 'Search' button is highlighted.

Search Results:

Validation	Process Name	Description	Effective Start Date	Effective End Date	Status	Version
✓	D00_OrderFulfillmentGenericProcess	Orchestration process that fulfills orders using any of t...	1/10/14		Released	1
✓	D00_SubmitSalesOrderProcess	Validates and submits sales orders.	12/1/15		Released	1
✓	D00_SubscriptionReturnOrderProcess	Orchestration process that cancels subscription contracts th...	5/26/23		Released	1

Validation:

Validation	Process Name	Description	Effective Start Date	Effective End Date	Status	Version
✓	D00_OrderFulfillmentGenericProcess	Orchestration process that fulfills orders using any of t...	1/10/14		Released	1
✓	D00_SubmitSalesOrderProcess	Validates and submits sales orders.	12/1/15		Released	1
✓	D00_SubscriptionReturnOrderProcess	Orchestration process that cancels subscription contracts th...	5/26/23		Released	1

Step Details:

Step	Step Name	Task Type	Task	Service	Subprocess Name
100	Schedule	Schedule	Schedule	Create Scheduling	
200	Conditional				
300	Request Supply	D00_Supply	Supply Orchestration	Create Supply Request	
400	Pause	Pause	Pause	Pause Process	
500	Create Back to Back Shipment Request	Shipment	Ship Back-to-Back Goods	Create Shipping	
600	Wait for Back to Back Shipment Advice	Shipment	Ship Back-to-Back Goods	Wait for Shipment	
700	Create Purchase Request	D00_Procurement	Procure	Create Purchase Request	
800	Wait for Procurement	D00_Procurement	Procure	Wait for Procurement	
900	Create Reservation	Reservation	Reserve	Create Inventory Reservation	
1000	Create Shipment Request	Shipment	Ship	Create Shipping	

D00_OrderFulfillmentGenericProcess

This orchestration is the main one. Except return sales order we can use for any type of sales order (standard, ship only, bill only, dropship, back to back etc), it contains many steps to fulfil the sales order.

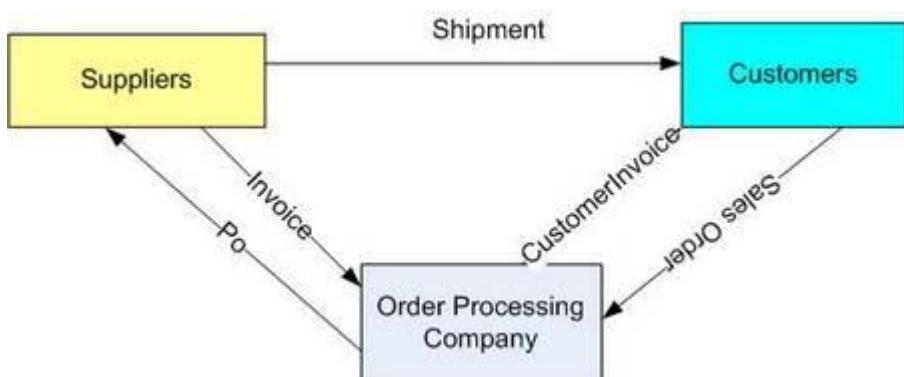
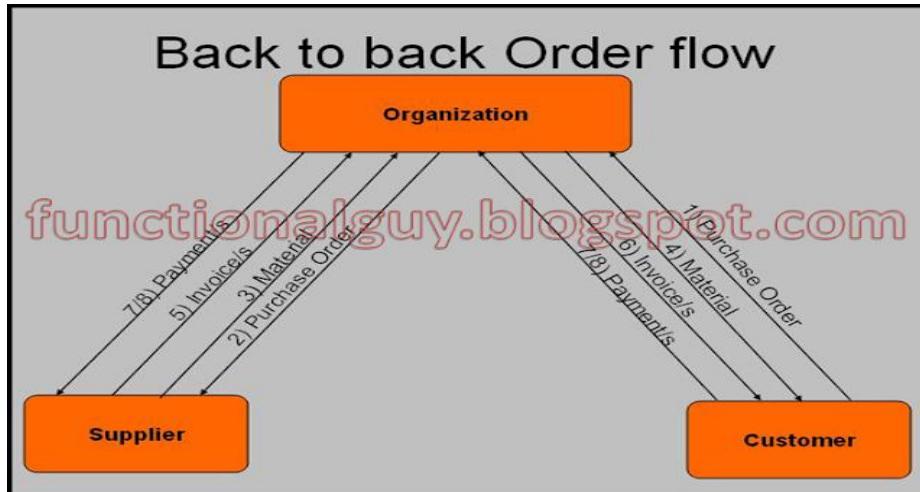
1. **Schedule:** - if we have provided the inventory org in the sales order, its ok, otherwise orchestration process will call schedule step, to identify the inventory organization for the sales order. Simply the first step is the GOP Step.
In the first step two things are happened,
 - i. Identify the schedule ship date – based on ATP Rule
 - ii. Identifying the inventory organization for the sales order. – Based on the Sourcing rule
2. **Conditional:** - The conditional step is going to identify whether it is a dropship sales order, back-to-back sales order or standard sales order.
If it is a standard sales order, next step is reservations.
3. **Reservations:** - Create inventory reservations
4. **Create Shipping:** Create shipping
5. **Create Invoice:** Create Billing Lines.

If it is **back to back sales order**, it will go from

Schedule → Conditional → Request supply → pause → Create back to back Shipment request → Wait for back to back Shipment Advice → merge → Invoice creation → Wait for invoice creation

In case of dropship

Schedule → Conditional → it goes to Create purchase request → Wait for procurement → merge → Invoice creation → Wait for invoice creation



Drop ship sales order

it is not possible to modify anything under standard orchestration process. If we want to modify anything we can customize it.

Search Results

Validation	Process Name	Description	Effective Start Date	Effective End Date	Status	Version
	DOO_OrderFulfillmentGenericProcess	Orchestration process that fulfills orders using any of t...	1/10/14		Released	1
	DOO_SubmitSalesOrderProcess	Validates and submits sales orders.	12/1/15		Released	1
	DOO_SubscriptionReturnOrderProcess	Orchestration process that cancels subscription contracts th...	5/26/23		Released	1

DOO_OrderFulfillmentGenericProcess: Step Details

customized orchestrations: Select the Standard orchestration, duplicate it, this is called customized orchestration. All the custom orchestrations should start with Custom.

Orchestration Process

* Process Name: (CopyOf)CustomDOO_DOO_OrderFulfillmentGenericProcess

Description: Orchestration process that fulfills orders using any of the following:

Cost of Change Rule: Click for Rule

* Effective Start Date: 1/6/25

Effective End Date: m/d/y

* Set: Common Set

Status Catalog:

Change Mode: Advanced

Status: New

Parent process

Use flexfield attributes

Use transactional item attributes

Replan instantly

Additional Information

Process Details

Step Definition Status Conditions

Remove copyof, let it be start with Custom, add our company as a suffix.

Orchestration Process

* process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA

Description: Orchestration process that fulfills orders using any of the following:

Cost of Change Rule: Click for Rule

* Effective Start Date: 1/6/25

Effective End Date: m/d/y

* Set: Common Set

Status Catalog:

Change Mode: Advanced

Status: New

Parent process

Use flexfield attributes

Use transactional item attributes

Replan instantly

Additional Information

Process Details

Step Definition Status Conditions

Actions View Format Freeze Detach Wrap

Steps Dependencies Planning Change Management Additional Information

Step	Step Name	Step Type	Step Type Indicator	Parent Step	Subprocess Name	Task Type	Task Type Indicator	Task
100	Schedule	Service	%			Schedule		Schedule

Save it.

Process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA
 Version: 1
 Process Display Name: CustomDOO_TATA_MAIN_ORCHESTRATION
 Process Class: Drop Shipment and Back-to-Back Order Class
 Status Catalog:
 Change Mode: Advanced

Description: Orchestration process that fulfills orders using any of the following
 Cost of Change Rule: Click for Rule
 Effective Start Date: 1/6/25
 Effective End Date: m/d/y
 Set: Common Set
 Attachments: None

Status: New
 Parent process
 Use flexfield attributes
 Use transactional item attributes
 Replan instantly

Actions: Validate, Revert Process, Reject Process, Generate Process Diagram, Release, Deploy Process, Obsolete Process, Regenerate Orchestration Process

Actions> validate it.

Process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA
 Version: 1
 Process Display Name: CustomDOO_TATA_MAIN_ORCHESTRATION
 Process Class: Drop Shipment and Back-to-Back Order Class
 Status Catalog:
 Change Mode: Advanced

Description: Orchestration process that fulfills orders using any of the following
 Cost of Change Rule: Click for Rule
 Effective Start Date: 1/6/25
 Effective End Date: m/d/y
 Set: Common Set
 Attachments: None

Status: New
 Parent process
 Use flexfield attributes
 Use transactional item attributes
 Replan instantly

Actions: Validate, Revert Process, Reject Process, Generate Process Diagram, Release, Deploy Process, Obsolete Process, Regenerate Orchestration Process

Once validated, click on Actions> Generate Process Diagram

Process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA
 Version: 1
 Process Display Name: CustomDOO_TATA_MAIN_ORCHESTRATION
 Process Class: Drop Shipment and Back-to-Back Order Class
 Status Catalog:
 Change Mode: Advanced

Description: Orchestration process that fulfills orders using any of the following
 Cost of Change Rule: Click for Rule
 Effective Start Date: 1/6/25
 Effective End Date: m/d/y
 Set: Common Set
 Attachments: None

Status: New
 Parent process
 Use flexfield attributes
 Use transactional item attributes
 Replan instantly

Actions: Validate, Revert Process, Reject Previous Version, Generate Process Diagram, Release, Deploy Process, Obsolete Process, Regenerate Orchestration Process

Process Diagram:

```

graph TD
    100[100 Schedule] --> 200[200 Conditional]
    200 --> 300[300 Request Supply]
    200 --> 500[500 Create Back-to-Back Shipment Req]
    300 --> 900[900 Create Reservation]
    500 --> 1000[1000 Create Shipment Request]
    900 --> 1100[1100 Wait for Shipment Advice]
    1000 --> 1100
    1100 --> 1200[1200 Merge]
    1200 --> 1300[1300 Create Invoice]
    1200 --> 1400[1400 Wait for Invoice]
  
```

Steps:

Step	Step Name	Step Type	Step Type Indicator	Parent Step	Subprocess Name	Task Type	Task Type Indicator	Task
100	Schedule	Service	%o			Schedule		Schedule
200	Conditional	Conditional	%o	100				Supply Orchestration
300	Request Supply	Service	%o	200		DOO_Supply		Pause
400	Pause	Service	%o	300		Shipment		Ship Back-to-Back Goods
500	Create Back-to-Back Shipment Req	Service	%o	400		DOO_Procurement		Procure
600	Wait for Back-to-Back Shipment Adv	Service	%o	500		Shipment		Reserve
700	Create Purchase Request	Service	%o	200		DOO_Procurement		Ship
800	Wait for Procurement	Service	%o	700		Shipment		Ship
900	Create Reservation	Service	%o	200		Reservation		Procure
1000	Create Shipment Request	Service	%o	200		Shipment		Reserve
1100	Wait for Shipment Advice	Service	%o	1000		Shipment		Ship
1200	Merge	Merge	%o	200				Procure
1300	Create Invoice	Service	%o	1200		Invoice		Reserve
1400	Wait for Invoice	Service	%o	1300		Invoice		Ship

It will show the process diagram, from left to right

Back-to-back, standard sales order and dropship sales order.

Orchestration decides it is what type of sale order it is. For example , if it is standard

Steps:

Step	Step Name	Step Type	Step Type Indicator	Parent Step	Subprocess Name	Task Type	Task Type Indicator	Task
100	Schedule	Service	%o			Schedule		Schedule
200	Conditional	Conditional	%o	100				Supply Orchestration
300	Request Supply	Service	%o	200		DOO_Supply		Pause
400	Pause	Service	%o	300		Shipment		Ship Back-to-Back Goods
500	Create Back-to-Back Shipment Req	Service	%o	400		DOO_Procurement		Procure
600	Wait for Back-to-Back Shipment Adv	Service	%o	500		Shipment		Reserve
700	Create Purchase Request	Service	%o	200		DOO_Procurement		Ship
800	Wait for Procurement	Service	%o	700		Shipment		Ship
900	Create Reservation	Service	%o	200		Reservation		Procure
1000	Create Shipment Request	Service	%o	200		Shipment		Reserve
1100	Wait for Shipment Advice	Service	%o	1000		Shipment		Ship
1200	Merge	Merge	%o	200				Procure
1300	Create Invoice	Service	%o	1200		Invoice		Reserve
1400	Wait for Invoice	Service	%o	1300		Invoice		Ship

It will jump from 100 → 200 → 900 → 1000 → 1100 → 1200 → 1300 → 1400.

Similarly, dropship and back-to-back steps also decided here.

Components in the orchestration:-

Step number: 100, 200, 300, 400, 500 and so on.

Step name: Schedule, conditional, Pause, Request supply, merge, Create reservations etc

Step Type: for Conditional step it is conditional and remaining steps it is Service.

Step Type Indicator: two symbols are there to specify step type (conditional and service)

Parent step for the step:- this step is executed because of another parent step

Task: A task contains the task type ex: ship, procure, reserve etc.

Task_Type: like Shipment, pause, DOO_Supply etc.

Task Type Indicators: showing some symbols for the tasks.

Service: what type of service is this step is going to do is specified here.

Steps			
Task Type	Task Type Indicator	Task	Service
DOO_Supply	📋	Supply Orchestration	Create Supply Request
Pause	⌚	Pause	Pause Process
Shipment	📦	Ship Back-to-Back Goods	Create Shipping
Shipment	📦	Ship Back-to-Back Goods	Wait for Shipment
DOO_Procurement	🛒	Procure	Create Purchase Request
DOO_Procurement	🛒	Procure	Wait for Procurement
Reservation	📦	Reserve	Create Inventory Reservation
Shipment	📦	Ship	Create Shipping
Shipment	📦	Ship	Wait for Shipment
Invoice	📄	Invoice	Create Billing Lines

This screenshot shows the Oracle Fusion Task List Manager interface for a supply chain process. The main area displays a grid of steps, each with a number, name, service, and various configuration options like manual execution, pause rules, and exit criteria. A specific step, 'Create Reservation', is highlighted in yellow. The right side of the screen shows dependency and branching logic.

* Step	* Step Name	Service	Manual	Pause Rule	Exit Criteria	Line-Selection Criteria	Previous Step	Next Step	Branching Condition	Evaluation Sequence
300	Request Supply	Create Supply Request	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
400	Pause	Pause Process	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
500	Create Back to Back Shipment Req	Create Shipping	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
600	Wait for Back to Back Shipment Adv	Wait for Shipment	<input type="checkbox"/>	Click for Rule	Canceled	Click for Rule			Click for Rule	
700	Create Purchase Request	Create Purchase Request	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
800	Wait for Procurement	Wait for Procurement	<input type="checkbox"/>	Click for Rule	Canceled	Click for Rule			Click for Rule	
900	Create Reservation	Create Inventory Reservation	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
1000	Create Shipment Request	Create Shipping	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
1100	Wait for Shipment Advice	Wait for Shipment	<input type="checkbox"/>	Click for Rule	Canceled	Click for Rule			Click for Rule	
1200	Merge		<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	
1300	Create Invoice	Create Billing Lines	<input type="checkbox"/>	Click for Rule		Click for Rule			Click for Rule	

Click for Rule: these rules are written by our developers.

This screenshot shows the 'Line-Selection Criteria' dialog for a specific rule named 'Reservation_RS'. The dialog includes fields for effective start and end dates, and checkboxes for flexfield and transactional item attributes. The main pane displays the rule logic, which involves checking if a shippable flag is set and then evaluating other conditions related to item types and fulfillment rules.

Line-Selection Criteria: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA

Reservation_RS View Advanced Properties

Reservation Properties

Root: DooSeededOrchestrationRules.DOOHeader

IF

"Y" equals ignore case DooSeededOrchestrationRules.DOOHeader/childFLines.shippableFlag .isSet
 "Y" equals ignore case DooSeededOrchestrationRules.DOOHeader/childFLines.reservableFlag .isSet

the following test is true

the following test is true

"ATO" equals ignore case DooSeededOrchestrationRules.DOOHeader/childFLines.itemSubTypeCode and DooSeededOrchestrationRules.DOOHeader/childFLines.configInventoryItemid isn't null and

the following test is true

DooSeededOrchestrationRules.DOOHeader/childFLines.fulfillLineId is DooSeededOrchestrationRules.DOOHeader/childFLines.rootParentFulfillLineId
 DooSeededOrchestrationRules.DOOHeader/childFLines.fulfillLineId is DooSeededOrchestrationRules.DOOHeader/childFLines.parentFulfillLineId

or

Here you see the shippable and reservable flags are enable to reserve the quantity. So the item should be created as shippable and reservable at inventory level.

For each step there are some rules.

For invoice → Invoiceable should be yes.

If we want to use this orchestration, we need to release it.

After Validate, click on Release

Orchestration Process

Process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA

Version: 1

Process Display Name: CustomDOO_TATA_MAIN_ORCHESTRATION

Process Class: Drop Shipment and Back-to-Back Order Class

Status Catalog:

Change Mode: Advanced

Description: Orchestration process that fulfills orders using any of the following

Cost of Change Rule: Click for Rule

Effective Start Date: 1/6/25

Effective End Date: m/d/yy

Set: Common Set

Attachments: None

Status: New

Actions:

- Validate
- Revert Process
- Reject Previous Version
- Generate Process Diagram
- Release**
- Deploy Process
- Obsolete Process
- Regenerate Orchestration Process

Additional Information

Process Details

Step Definition Status Conditions

Actions > Release

Orchestration Process

Process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA

Version: 1

Process Display Name: CustomDOO_TATA_MAIN_ORCHESTRATION

Process Class: Drop Shipment and Back-to-Back Order Class

Status Catalog:

Change Mode: Advanced

Description: The orchestration process was released using any of the following

Cost of Change Rule: Click for Rule

Effective Start Date: 1/6/25

Effective End Date: m/d/yy

Set: Common Set

Information: The orchestration process was released using any of the following

Download Generated Process: Download

Status: Released

- ✓ Parent process
- ✓ Use flexfield attributes
- ✓ Use transactional item attributes
- ✓ Replan instantly

This orchestration process was released. It is ready to use.

Orchestration Process

Process Name: CustomDOO_DOO_OrderFulfillmentGenericProcess_TATA

Version: 1

Process Display Name: CustomDOO_TATA_MAIN_ORCHESTRATION

Process Class: Drop Shipment and Back-to-Back Order Class

Status Catalog:

Change Mode: Advanced

Description: The orchestration process was released using any of the following

Cost of Change Rule: Click for Rule

Effective Start Date: 1/6/25

Effective End Date: m/d/yy

Set: Common Set

Attachments: None

Status: Released

- ✓ Parent process
- ✓ Use flexfield attributes
- ✓ Use transactional item attributes
- ✓ Replan instantly

Now the status got released. It was successfully deployed in the system (the tick marks shows)

Return Orchestration: -

DOO_OrderFulfillmentGenericProcesses	Standard Sales Order, Dropship Sales Order, Back to Back Sales Order,Bill Only, Ship Only	
ShipOrderGenericProcess	Normal Sales Order - Shipping	Sales Order Creation, picking, shipping, Submit,
DOO_BillOnlyGenericProcess	Bill Only	Sales Order Creation, Invoice
CustomDOO_ShipOnly	Ship Only	
DOO_InventoryOrchestration	Deducting on hand without performing picking & Shipping	
Return Sales Orders	RMA Receipt	Credit Memo
ReturnOrderGenericProcess	Y	Y
DOO_BillOnlyGenericProcess	N	Y
CustomDOO_ReturnOnly_NoCredit Memo	Y	N
Standard SO	SO Entry -> Submit -> Schedule -> Reserve -> Pick -> Ship -> Invoice	
Drop Ship SO	SO Entry -> Submit -> Schedule -> Create Purchase Requisition -> PO -> ASN -> Invoice	
Back to Back SO	SO Entry -> Submit -> Schedule -> Create Purchase Requisition -> PO -> Receipt -> Pick -> Ship -> Invoice	

Return Sales Orders	RMA Receipt	Credit Memo
ReturnOrderGenericProcess	Y	Y
DOO_BillOnlyGenericProcess	N	Y
CustomDOO_ReturnOnly_NoCredit Memo	Y	N

Here three things are happen,

1. We are receiving the material returned by customer, and pay the amount to the customer(Credit memo)
2. We are not receiving the return material, and pay the amount to the customer(Credit memo)
3. We are receiving the material returned by customer, and we will not pay the amount to the customer(Credit memo)

First step:- to implement first step the following generic process we are using

The screenshot shows the Oracle Fusion Middleware interface for managing orchestration processes. The title bar reads "Manage Orchestration Process Definitions". The main area displays a table of processes:

Validation	Process Name	Description	Effective Start Date	Effective End Date	Status	Version
	ReturnOrderGenericProcess	The return order generic orchestration process.	5/3/09		Released	1

Below the table, a section titled "ReturnOrderGenericProcess: Step Details" shows the steps of the process:

Step	Step Name	Task Type	Task	Service	Subprocess Name
100	Create Receiving Advice	Return	Return Receipt	Create Expected Receipt Ad...	
200	Wait for Receipt	Return	Return Receipt	Wait for Receipt	
300	Create RMA Invoice	Invoice	Invoice	Create Billing Lines	
400	Wait for RMA Invoice	Invoice	Invoice	Wait for Billing	

If you see the return order generic process, we can able to see the 2 steps (one is for return receipt and another one is for credit memo).

For the first RMA process, This generic process is sufficient.

Second step:-

DOO_BillOnlyGenericProcess

The screenshot shows the Oracle Fusion Middleware interface for managing orchestration processes. The title bar reads "Manage Orchestration Process Definitions". The main area displays a table of processes:

Validation	Process Name	Description	Effective Start Date	Effective End Date	Status	Version
	DOO_BillOnlyGenericProcess	Bill-only orchestration process.	9/4/14		Released	1

Below the table, a section titled "DOO_BillOnlyGenericProcess: Step Details" shows the steps of the process:

Step	Step Name	Task Type	Task	Service	Subprocess Name
100	Create Invoice	Invoice	Invoice	Create Billing Lines	
200	Wait for Invoice	Invoice	Invoice	Wait for Billing	

This will generate the credit memo for the customer.

Third step:- oracle has not provided any predefined. We have to prepare the custom orchestration process.

Take first step orchestration and modify it.

VISION
Manage Orchestration Process Definitions

Search Results

Action	Validation	Process Name	Description	Effective Start Date	Effective End Date	Status	Version
		ReturnOrderGenericProcess	The return order generic orchestration process.	6/3/09		Released	1

ReturnOrderGenericProcess: Step Details

Step	Step Name	Task Type	Task	Service	Subprocess Name
100	Create Receiving Advice	Return	Return Receipt	Create Expected Receipt Ad...	
200	Wait for Receipt	Return	Return Receipt	Wait for Receipt	
300	Create RMA Invoice	Invoice	Invoice	Create Billing Lines	
400	Wait for RMA Invoice	Invoice	Invoice	Wait for Billing	

Take this orchestration and duplicate it.
These two steps needs to be deleted

Process Class: Return Order Class
Status Catalog: Common Set
Change Mode: Advanced
Effective End Date: m/d/y
Additional Information

Process Details

Step Definition

* Step	* Step Name	* Step Type	Step Type Indicator	Parent Step	Subprocess Name	Task Type	Task Type Indicator	Task
100	Create Receiving Advice	Service	○			Return	Return	Return Receipt
200	Wait for Receipt	Service	○	100		Return	Return	Return Receipt
300	Create RMA Invoice	Service	○	200		Invoice	Invoice	Invoice
400	Wait for RMA Invoice	Service	○	300		Invoice	Invoice	Invoice

Orchestration Process

Process Name: CustomDOO_ReturnOrderGenericProcess_TATA
Version: 1
Process Display Name: CustomDOO_TATA_ReturnOnly_No CreditMemo
Process Class: Return Order Class
Status Catalog: Common Set
Change Mode: Advanced
Cost of Change Rule: Click for Rule
Effective Start Date: 1/7/25
Effective End Date: m/d/y
Additional Information

Process Details

Step Definition

* Step	* Step Name	* Step Type	Step Type Indicator	Parent Step	Subprocess Name	Task Type	Task Type Indicator	Task
100	Create Receiving Advice	Service	○			Return	Return	Return Receipt
200	Wait for Receipt	Service	○	100		Return	Return	Return Receipt

Now goto Status condition

Change Mode Advanced ▾

Attachments None

Additional Information

Process Details

Status Conditions

Orchestration Process Status Values | Fulfillment Line Status Values

* Sequence	* Status Value	* Expression	Last Updated Date	Last Updated By
0	Receiving Completed	"Return Receipt" = "COMPLETED_VAR"	1/7/25	SCM10.STUDENT
1	Awaiting Receiving	"Return Receipt" = "AWAIT_RECEIVING" OR "Return Receipt" = "VARIOUS"	1/7/25	SCM10 STUDENT
2	Received	"Return Receipt" = "RECEIVED"	1/7/25	SCM10 STUDENT
3	Delivered	"Return Receipt" = "DELIVERED"	1/7/25	SCM10 STUDENT
4	Returned to Customer	"Return Receipt" = "RETURNED"	1/7/25	SCM10 STUDENT
5	Awaiting Billing	"Invoice" = "AWAIT_BILLING"	1/7/25	SCM10 STUDENT
6	Billed	"Invoice" = "BILLED"	1/7/25	SCM10 STUDENT
7	Partially Received	"Return Receipt" = "PARTIAL_REC"	1/7/25	SCM10 STUDENT

Delete step 5 and 6, because these are related to Invoice., its done

Change Mode Advanced ▾

Process Class: Return Order Class

Status Catalog:

Effective Start Date: 1/7/25

Effective End Date: m/d/y

* Set: Common Set

Use transactional item attributes

Replan instantly

Additional Information

Process Details

Status Conditions

Orchestration Process Status Values | Fulfillment Line Status Values

* Sequence	* Status Value	* Expression	Last Updated Date	Last Updated By
0	Receiving Completed	"Return Receipt" = "COMPLETED_VAR"	1/7/25	SCM10.STUDENT
1	Awaiting Receiving	"Return Receipt" = "AWAIT_RECEIVING" OR "Return Receipt" = "VARIOUS"	1/7/25	SCM10 STUDENT
2	Received	"Return Receipt" = "RECEIVED"	1/7/25	SCM10 STUDENT
3	Delivered	"Return Receipt" = "DELIVERED"	1/7/25	SCM10 STUDENT
4	Returned to Customer	"Return Receipt" = "RETURNED"	1/7/25	SCM10 STUDENT
7	Partially Received	"Return Receipt" = "PARTIAL_REC"	1/7/25	SCM10 STUDENT

Goto next Fulfillment Line status Values

Edit Orchestration Process Definition: CustomDOO_ReturnOrderGener... ⓘ

Actions ▾ Save Save and Close Cancel

Orchestration Process

Process Name: CustomDOO_ReturnOrderGenericProcess_TATA

Version: 1

Process Display Name: CustomDOO_TATA_ReturnOnly_No CreditMemo

Process Class: Return Order Class

Status Catalog:

Cost of Change Rule: Click for Rule

Effective Start Date: 1/7/25

Effective End Date: m/d/y

* Set: Common Set

Status: New

Parent process

Use flexfield attributes

Use transactional item attributes

Replan instantly

Additional Information

Process Details

Status Conditions

Orchestration Process Status Values | Fulfillment Line Status Values

* Fulfillment Line Status Category	* Description	Status Rule Set	Edit Status Rule Set
Default		Copy 3 of Return Order	Edit Status Rule Set

Click on edit status rule set

Conditions

* Sequence	* Status Value	* Expression	Notify External Systems	Send E-Mail Notification	Last Updated Date	Last Updated By
0	Receiving	"Return Receipt" = "COMPLETED_VAR"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10.STUDENT
1	Awaiting Re	"Return Receipt" = "AWAIT_RECEIVING" OR "Return Receipt" = "VARIOUS"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10.STUDENT
2	Received	"Return Receipt" = "RECEIVED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
3	Delivered	"Return Receipt" = "DELIVERED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
4	Returned to	"Return Receipt" = "RETURNED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
5	Awaiting Bill	"Invoice" = "AWAIT_BILLING"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
6	Billed	"Invoice" = "BILLED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
7	Partially Re	"Return Receipt" = "PARTIAL_REC"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT

Delete steps 5 and 6

Conditions

* Sequence	* Status Value	* Expression	Notify External Systems	Send E-Mail Notification	Last Updated Date	Last Updated By
0	Receiving	"Return Receipt" = "COMPLETED_VAR"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
1	Awaiting Re	"Return Receipt" = "AWAIT_RECEIVING" OR "Return Receipt" = "VARIOUS"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
2	Received	"Return Receipt" = "RECEIVED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
3	Delivered	"Return Receipt" = "DELIVERED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
4	Returned to	"Return Receipt" = "RETURNED"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT
7	Partially Re	"Return Receipt" = "PARTIAL_REC"	<input type="checkbox"/>	<input type="checkbox"/>	1/7/25	SCM10 STUDENT

Deleted now save and close it.

Orchestration Process

* Process Name: CustomD0O_ReturnOrderGenericProcess_TATA	Description: The return order generic orchestration process.
Version: 1	Status: New
* Process Display Name: CustomD0O_TATA_ReturnOnly_No CreditMemo	Cost of Change Rule: Click for Rule
* Process Class: Return Order Class	* Effective Start Date: 1/7/25
Status Catalog:	Effective End Date: m/d/y
Change Mode: Advanced	* Set: Common Set

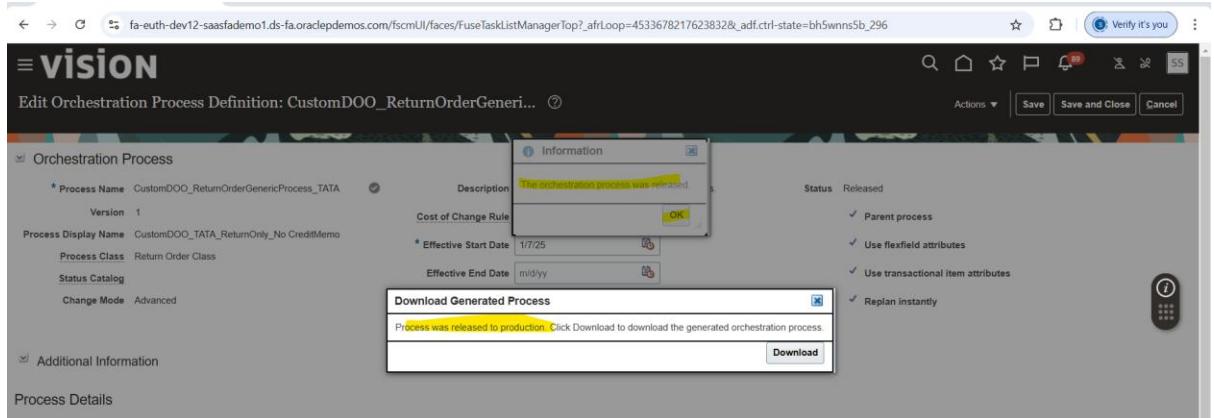
Additional Information

Process Details

Goto actions> validate it, if any errors are there it will identify

It's validated

Actions> Release

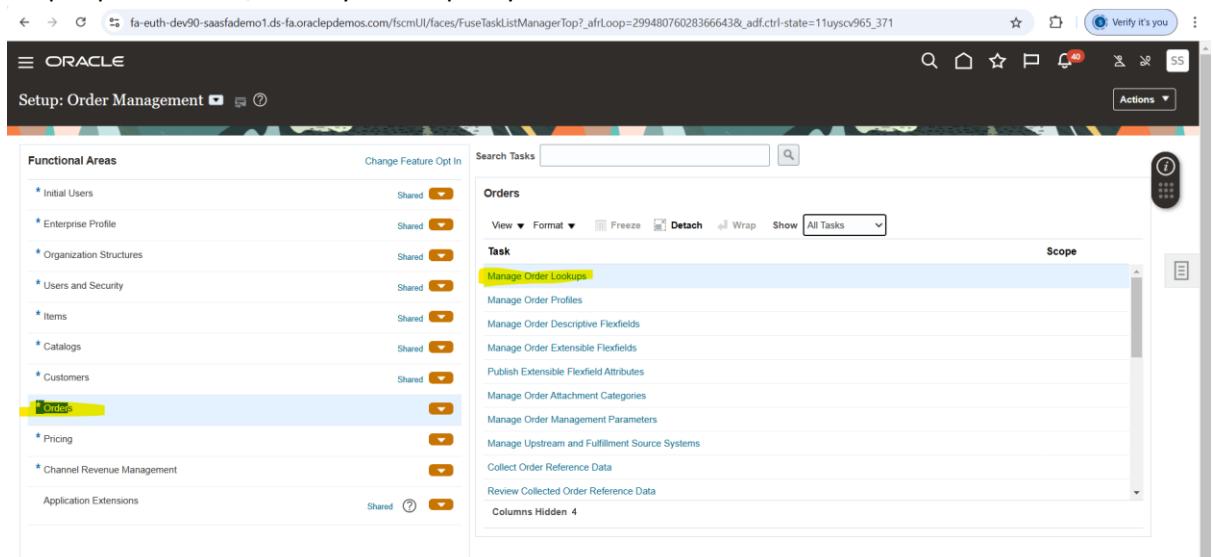


These all orchestrations are called based on the order type.

Order Type: -

To specify order type, we need some order lookups.

Based on the order type, we will decide what type of order it is, standard, back to back , dropship sales order, bill only and ship only etc.



Manage Order Lookups

Search Results

Lookup Type	Meaning	Description	Module	Lookup Configuration	REST Access Secured
DOO_ACTIVITY_TYPE	Activity Type	Mechanism to group similar activities together	Workbench	Extension	Secure
DOO_ADJUSTMENT_TYPE	Price Adjustment Type	Price adjustment types that can be associated	Decomposition	System	Authenticated
DOO_ANALYTIC_PIECHART	Analytics Labels	Labels that can appear within embedded analysis	Workbench	System	Secure
DOO_ATTACHMENT_SOURCE	Attachment Source	Indicates the source of an attachment, whether	Common	System	Secure
DOO_CHANGE_MODE	Change Mode	Frequency with which orchestration process	Orchestration	System	Secure
DOO_COMMON_YFS_INA	Common No Yes Not Applicable	Common lookup used across multiple attributes	Common	System	Secure

Empty search, we will get the order types.

ORA_DOO_ORDER_TYPES	Type of Sales Order	Abbreviated text that identifies the type of sales order	Decomposition	User	Authenticated
---------------------	---------------------	--	---------------	------	---------------

ORA_DOO_ORDER_TYPES: Lookup Codes

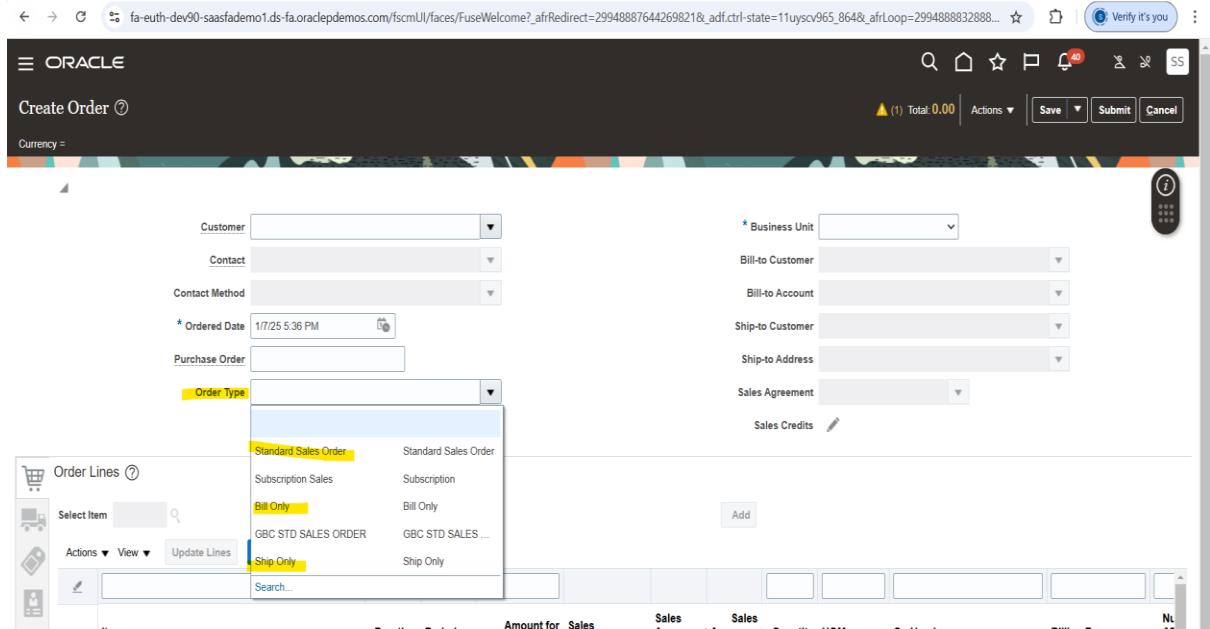
Lookup Code	Display Sequence	Enabled	Start Date	End Date	Meaning	Description	Tag
Ship Only	3	<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	Ship Only	Ship Only	
Bill Only	2	<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	Bill Only	Bill Only	
Standard Sales	1	<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	Standard Sales Order	Standard Sales Order	
Subscription	1	<input checked="" type="checkbox"/>	5/1/24	m/d/yy	Subscription Sales	Subscription Sales Order	
GBC STD SALE	2	<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	GBC STD SALES ORDER	GBC STD SALES ORDER	

Click on + add the order types under ORA_DOO_ORDER_TYPES

Lookup codes: here I am adding the standard, bill only and ship only sales orders.

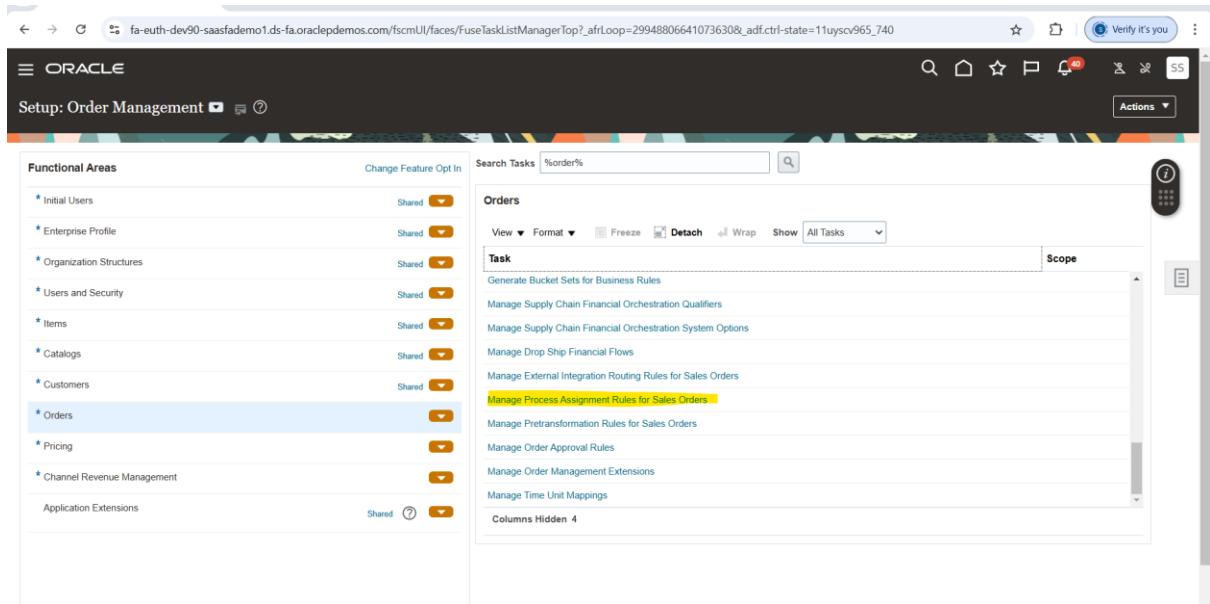
Save and close.

At the time of sales order creation, we can able to see the order types as shown below the updated sales order types.



How these sales orders and orchestration processes are interlinked together as shown below.

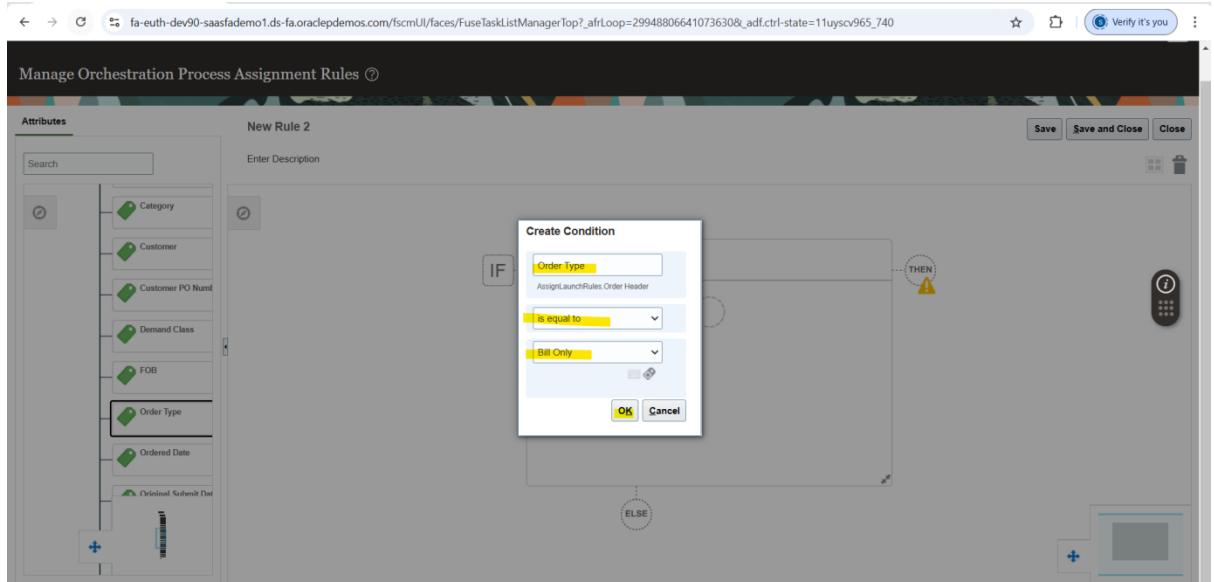
Manage Process Assignment Rules for sales order: -



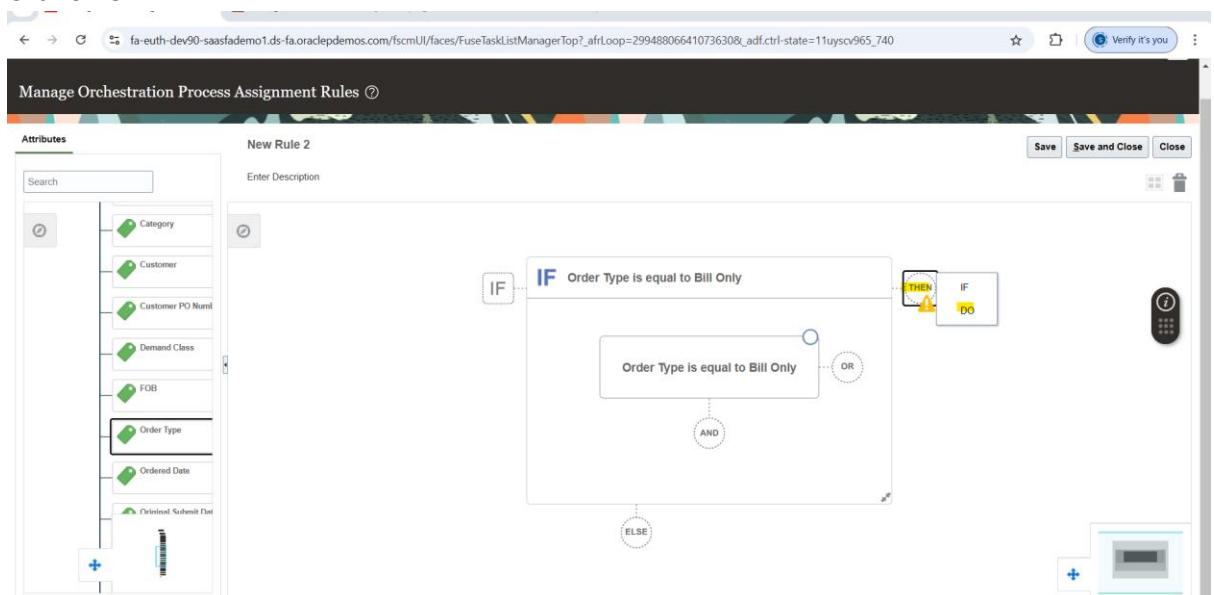
We are going to call these orchestrations based on the order type.

Here we have to write the rules.

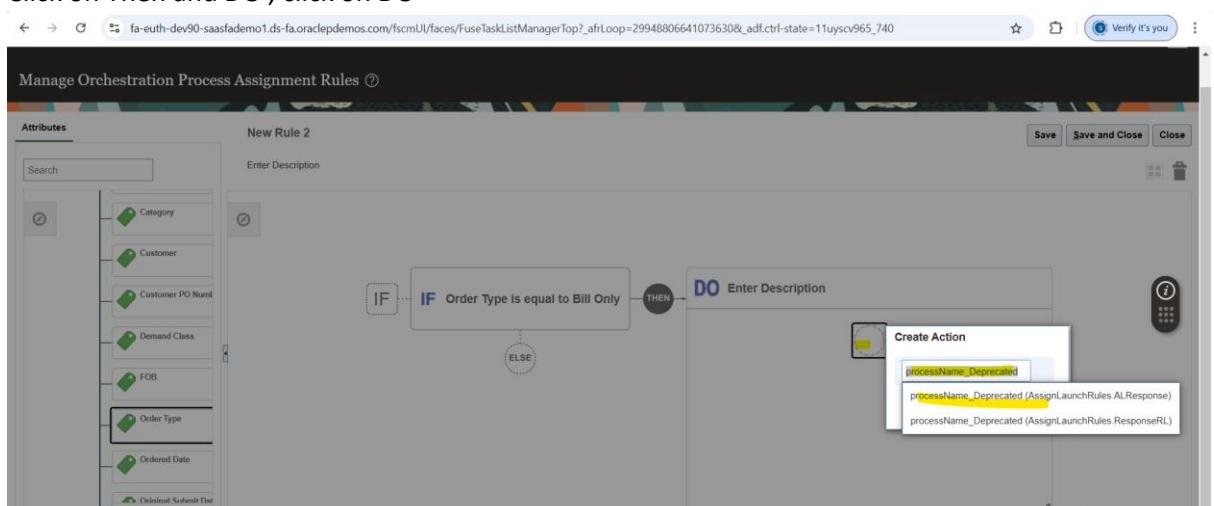
Click on Order Header, why because, I want to write the rule based on the order type, that is in Header status, click on Order Header
Select the order type and drag on to the right side screen.



Click on Ok



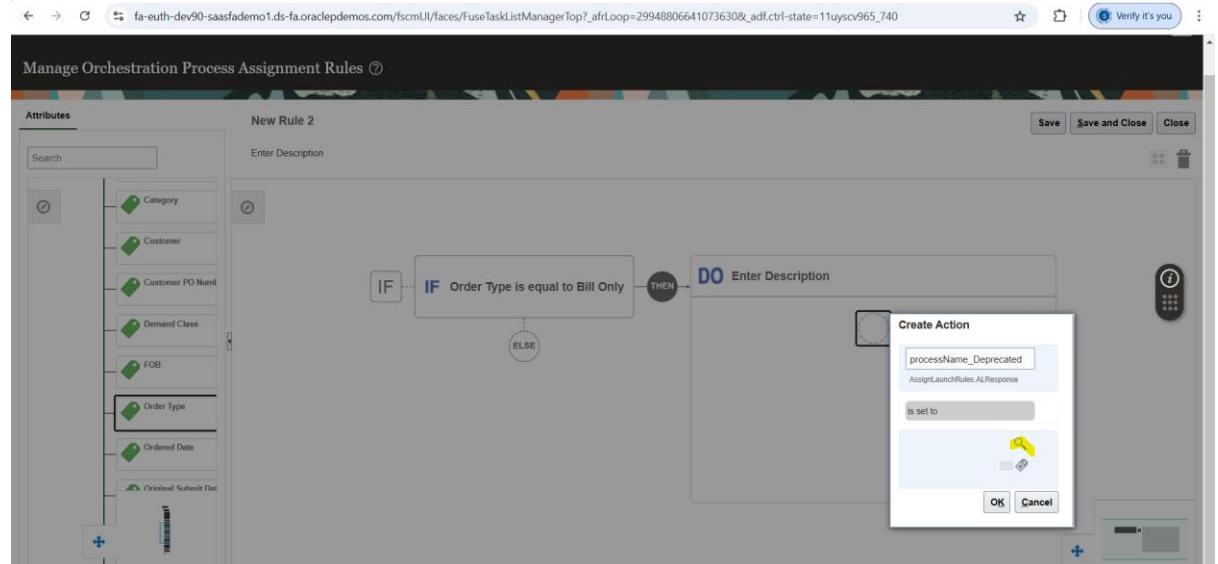
Click on Then and DO , click on DO



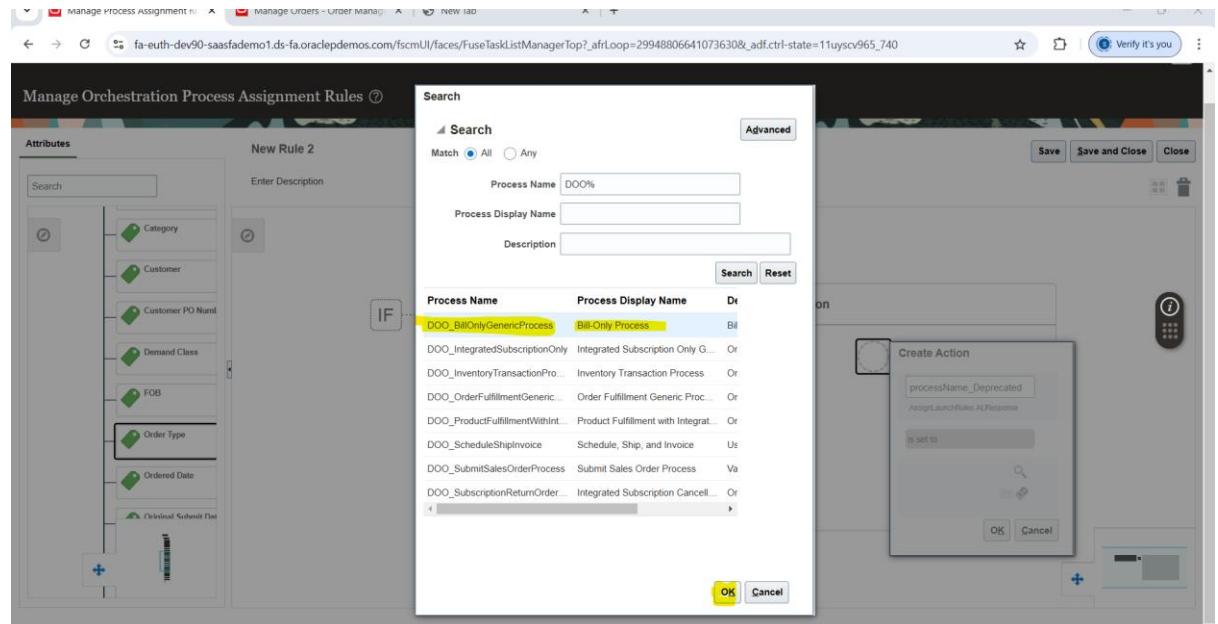
Enter the process name as : `processName_Deprecated`

Linking Order Type = Orchestration (`processName_Deprecated`)

It will show two names select the first one.



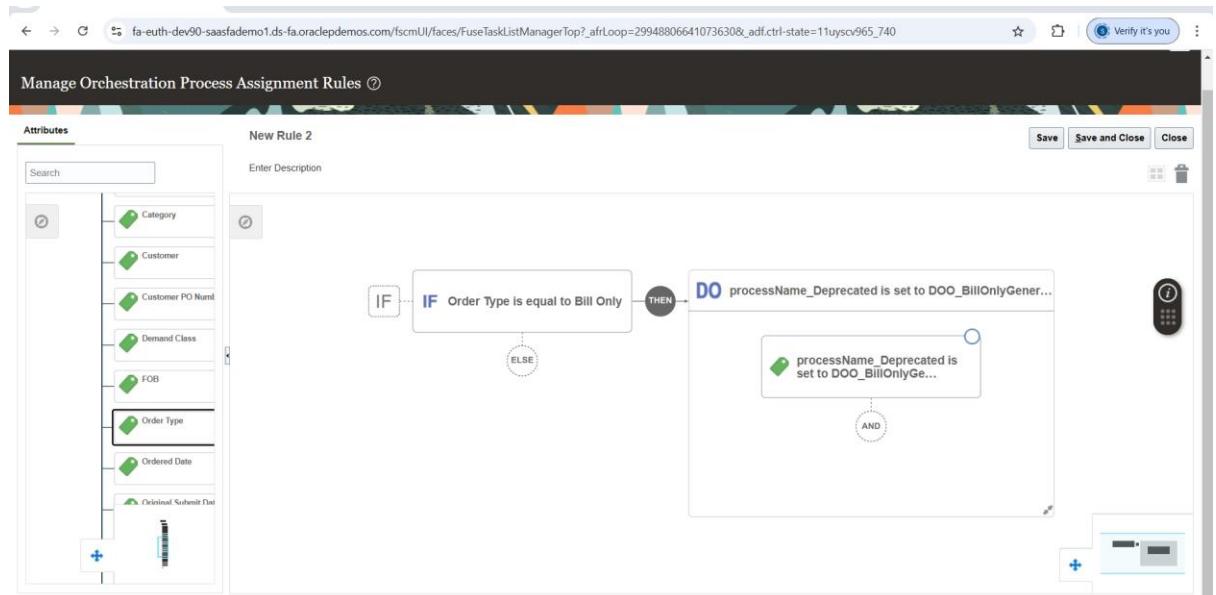
Click on search button



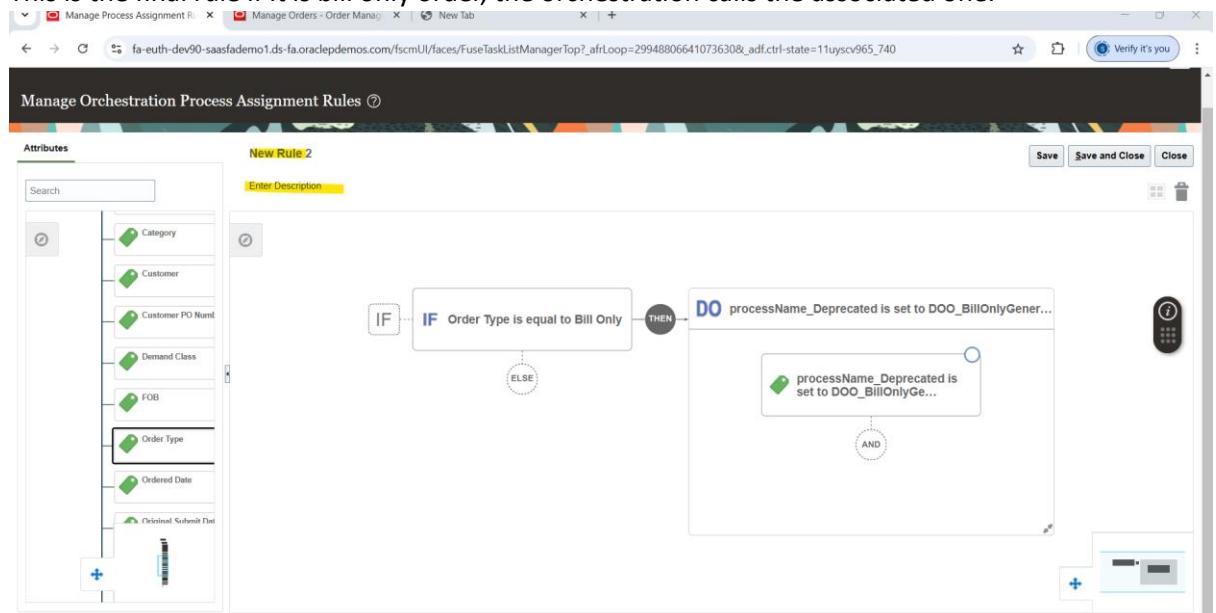
Select Bill only Generic process, that is the orchestration matching to the order type.

Ok

Then click on ok



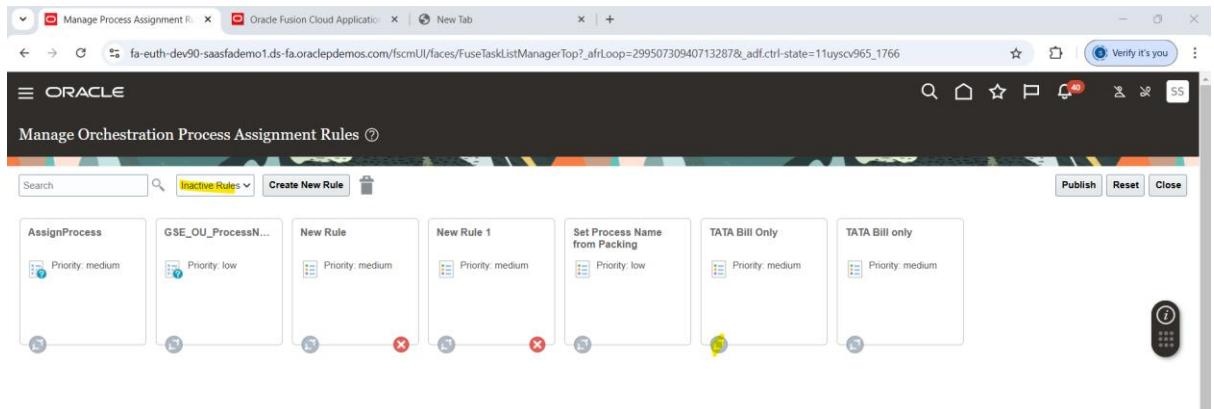
This is the final rule if it is bill only order, the orchestration calls the associated one.



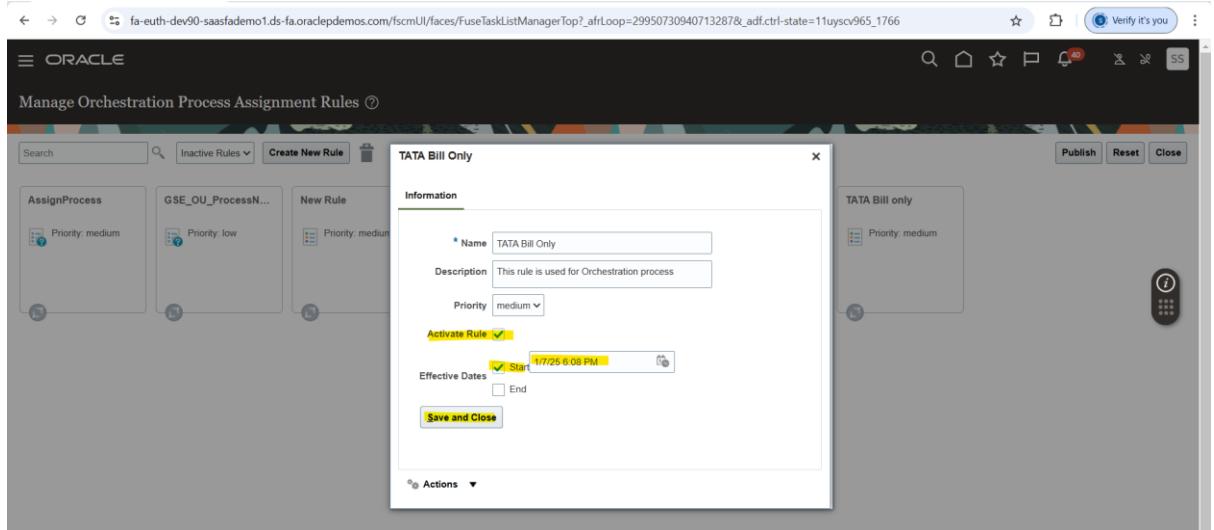
We can change the rule name and description, through edit option.

The screenshot shows the Oracle ADF interface for managing orchestration process assignment rules. The rule has been edited to have a name "TATA Bill only" and a description "This rule is used for Bill only orders". The "Save and Close" button is highlighted.

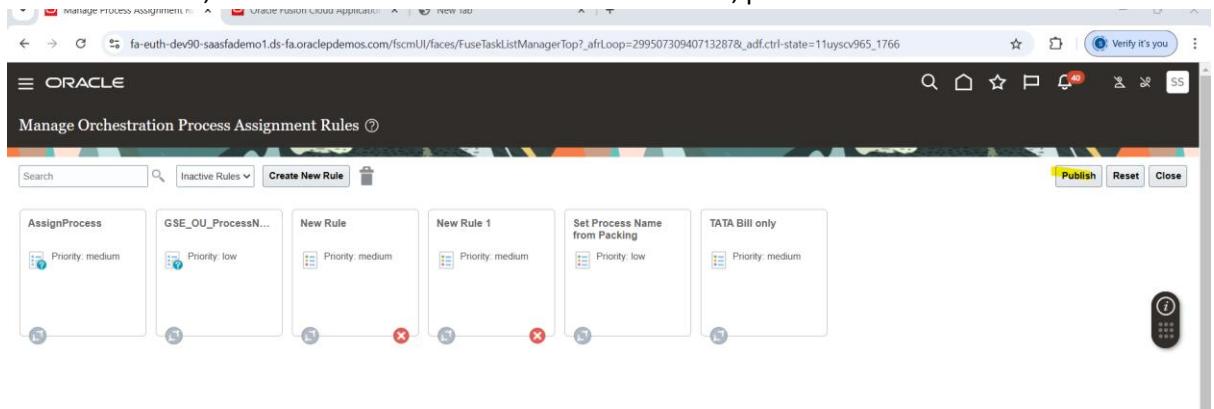
Save and close.

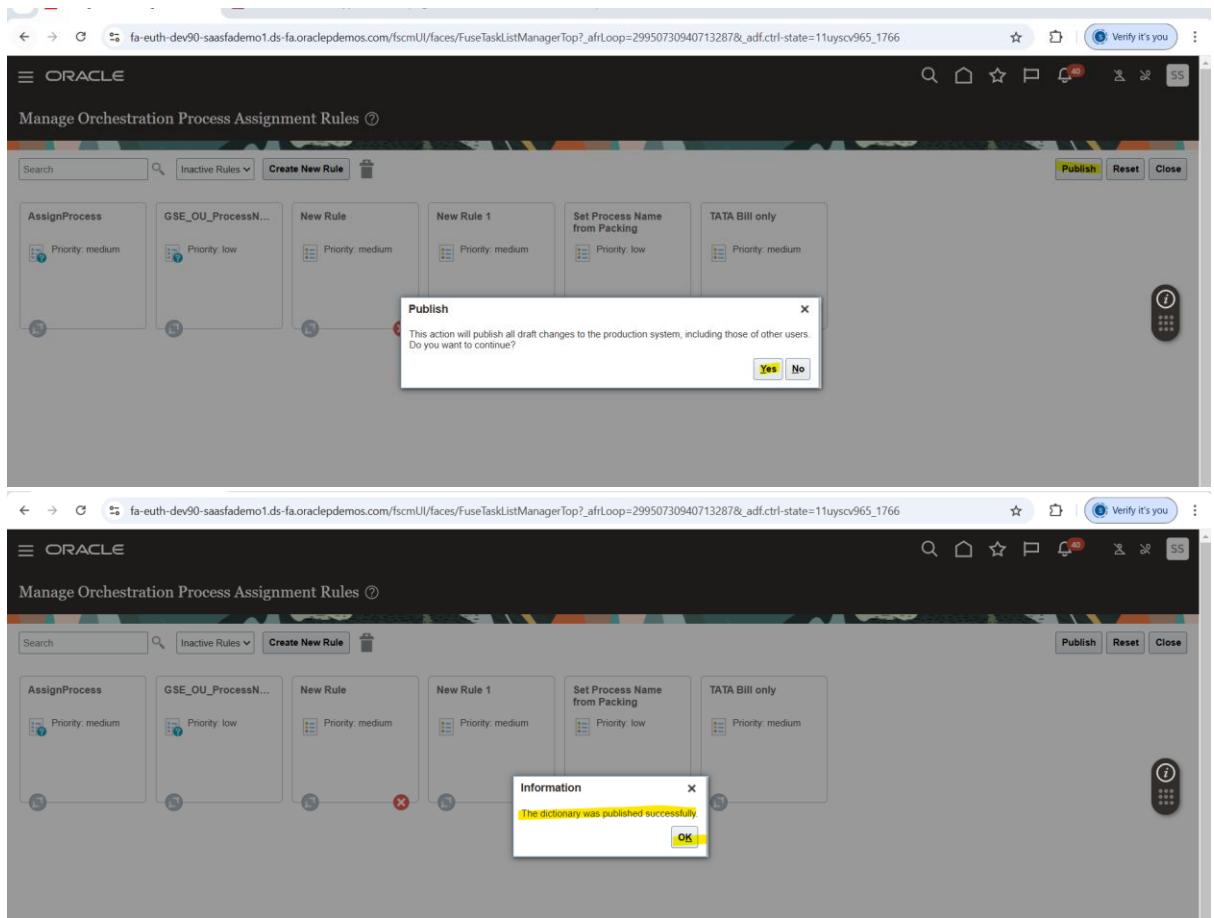


Click on the symbol



Activate the rule, start date has to be named. Save and close, publish it





Without order type of also the sales order identifies the orchestration based on the item attributes, values we are selected. Item is not shippable it is bill only sales order.
If it is shippable used as ship only transaction etc. used, categories

Based on the return type of also it will call the orchestrations.

Based on the order type the orchestration process will be created, it's fine.

Important:

For example, if we have some mixed type

In the line level

L1 → Bill only

L2 → Ship only

L3 → Ship & Bill

L4 → Dropship

If we don't have mixed type, we will configure the order type at header level.

If we have mixed type, we will configure the order type at line level. We have to configure the orchestration based on the order type at line level.

The screenshot shows the Oracle Fusion Order Management interface. On the left, a sidebar titled "Functional Areas" lists various modules: Initial Users, Enterprise Profile, Organization Structures, Users and Security, Items, Catalogs, Customers, Orders, Pricing, Channel Revenue Management, and Application Extensions. The "Orders" module is highlighted with a yellow background. On the right, a grid of "Orders" tasks is displayed, with "Manage Order Lookups" being the current task.

This screenshot shows a table of system configurations under the "ORA_DOO_RETRY_PAUSE" category. It includes rows for ORA_DOO_RETURN_LINE_TYPES, ORA_DOO_SOURCE_DOC_TYPE_CODE, and ORA_DOO_SUMMARY_TIME_INTERVAL.

ORA_DOO_RETRY_PAUSE	Number of Times to Retry Pa	Task Layer	System	Secure	
ORA_DOO_RETURN_LINE_TYPES	Return Order Line Types	Codes that identify types of return order lines	Decomposition	Extension	Authenticated
ORA_DOO_SOURCE_DOC_TYPE_CODE	Source Order Document Type	Document types used to specify the type of d	Workbench	System	Secure
ORA_DOO_SUMMARY_TIME_INTERVAL	Summary Time Intervals	Time intervals for summary groupings of var	Workbench	System	Secure

This screenshot shows a table titled "ORA_DOO_RETURN_LINE_TYPES: Lookup Codes". It lists various return codes with their meanings and descriptions.

Lookup Code	Display Sequence	Enabled	Start Date	End Date	Meaning	Description	Tag
AMB_RETURN		<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	AMB	AMB	
ORA_CANCEL		<input checked="" type="checkbox"/>	1/1/59		Cancel the item	Cancel the item with recurring billing, and the	
RECEIPT_ONLY		<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	RMA Return only	RMA Return only	
SL_RETURN		<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	Return Product with no Credit	Service Logistics - Return Product with no Cr	
ORA_CREDIT_ONLY		<input checked="" type="checkbox"/>	1/1/59		Return for credit	Credit will be issued, and the customer is not	
ORA_RETURN		<input checked="" type="checkbox"/>	1/1/59		Return for credit and return the item	Credit will be issued, and the customer must	

Lookup code: ORA_DOO_RETURN_LINE_TYPES

ORA_CANCEL, ORA_RETURN, ORA_CREDIT_ONLY these are seeded ones.

Create Return order: -

Enter the header details, Goto Actions>Add Unreferenced Return Lines

This screenshot shows the "Create Order: Computer Service and Rentals" screen. It includes fields for Customer (Computer Service and Rentals), Contact (Evelyn Duncan), Contact Method, Ordered Date (1/9/25 10:54 AM), Purchase Order, Order Type, Business Unit (US1 Business Unit), Bill-to Customer (Computer Service and Rentals), Bill-to Account (10060), Ship-to Customer (Computer Service and Rentals), Ship-to Address (301 E Summit Hill Dr, KNOXVILLE, TN 37915 Knox), Sales Agreement, Sales Credit, and Order Lines.

In the Order Lines section, there is a button labeled "Add Unreferenced Return Lines".

Several return types are coming from the lookups.

if you select return type as Return for credit it is bill only.

This one is the customized _lookup code.

Lookup codes start with ORA are the seeded ones.

The screenshot shows the Oracle Fusion Sales Order interface. A modal dialog titled "Add Unreferenced Return Lines" is open, allowing the creation of a return line for a specific item. The main sales order grid below shows various order lines with their respective details.

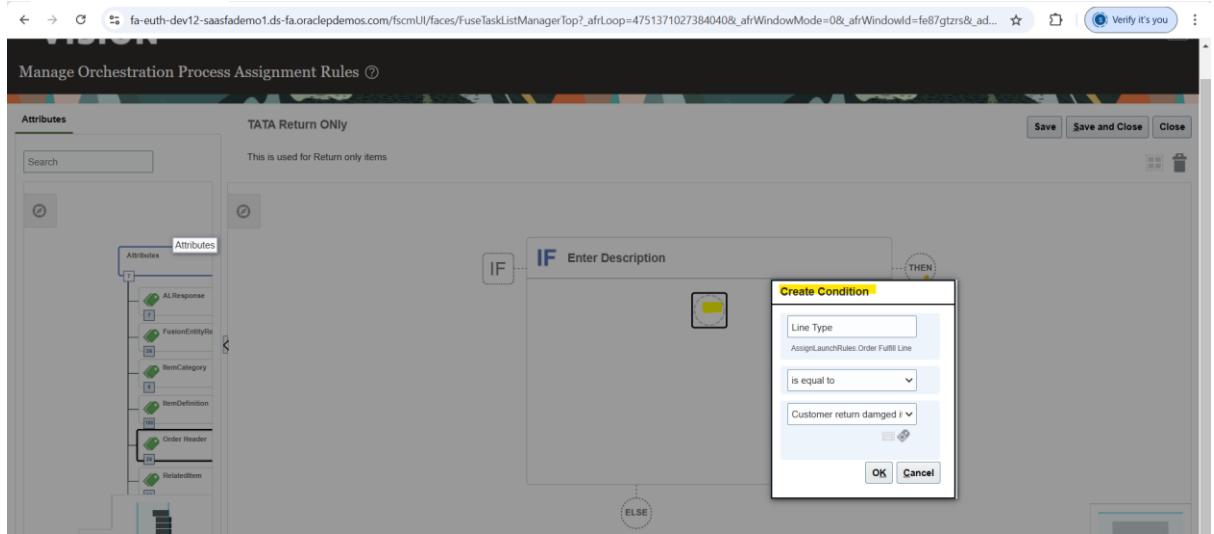
Our line type we can able to see at sales order level.

How to assign orchestration to this line type by creating the rule.

The screenshot shows the Oracle Fusion Setup: Order Management screen. Under the "Functional Areas" sidebar, the "Orders" category is selected. In the main area, there is a table titled "Orders" listing various tasks and their details. One specific task, "Manage Process Assignment Rules for Sales Orders", is highlighted with a yellow box.

The screenshot shows the Oracle Fusion Manage Orchestration Process Assignment Rules screen. It displays a grid of available rules, each with a name, priority, and a brief description. A prominent yellow button at the top right is labeled "Create New Rule".

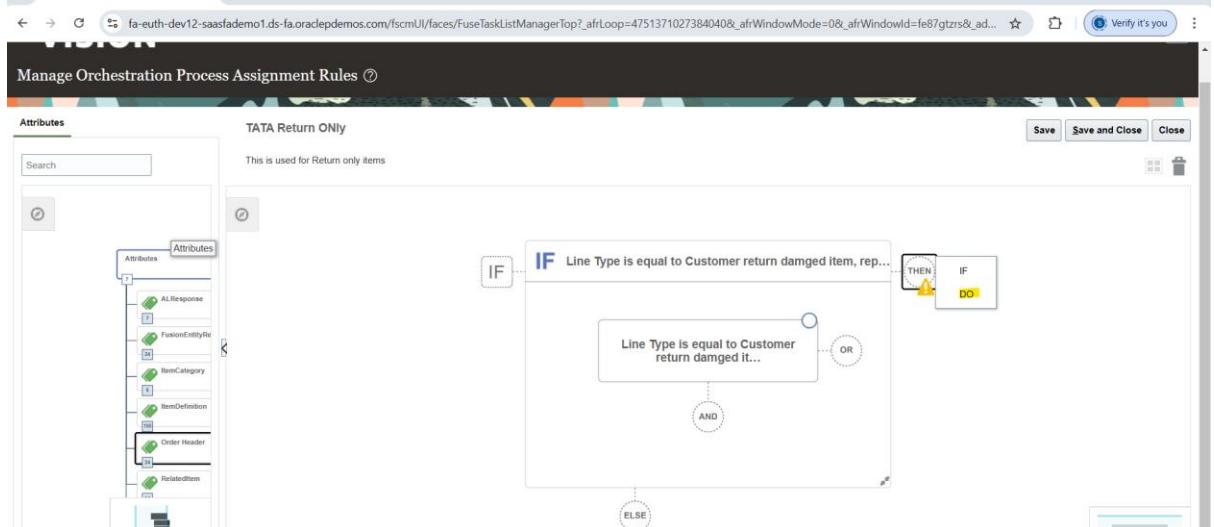
Click on create new Rule



Enter the rule name, description.

Add the condition, line type is equal to Customer return damaged item, replaced with new one.

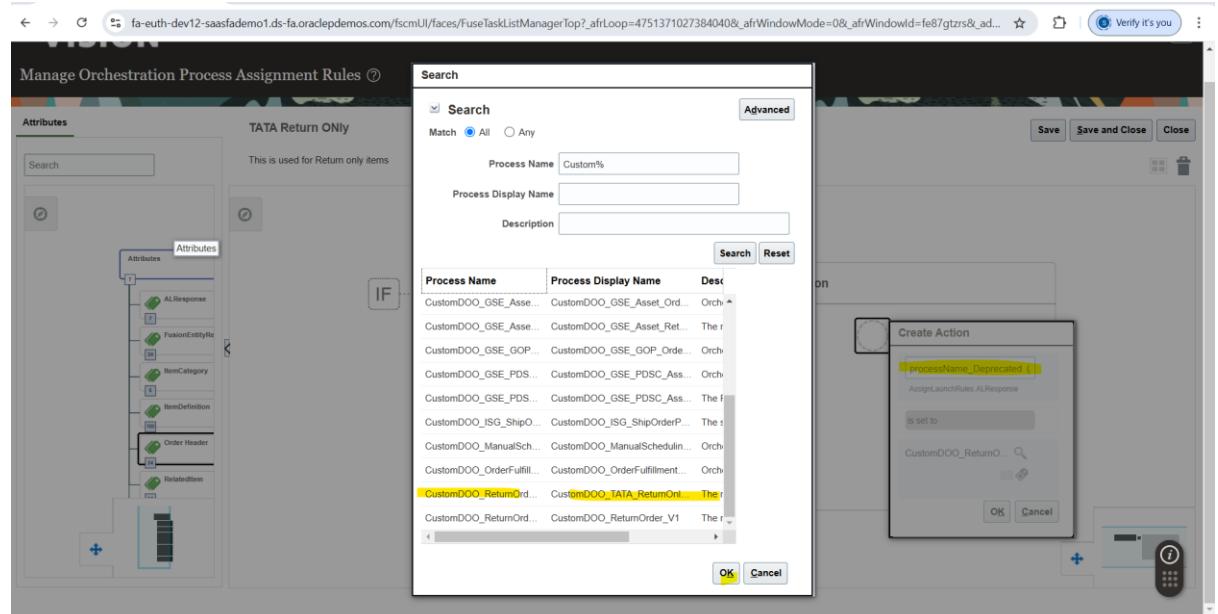
Then Do



Click on Do

Add the attribute depreciated

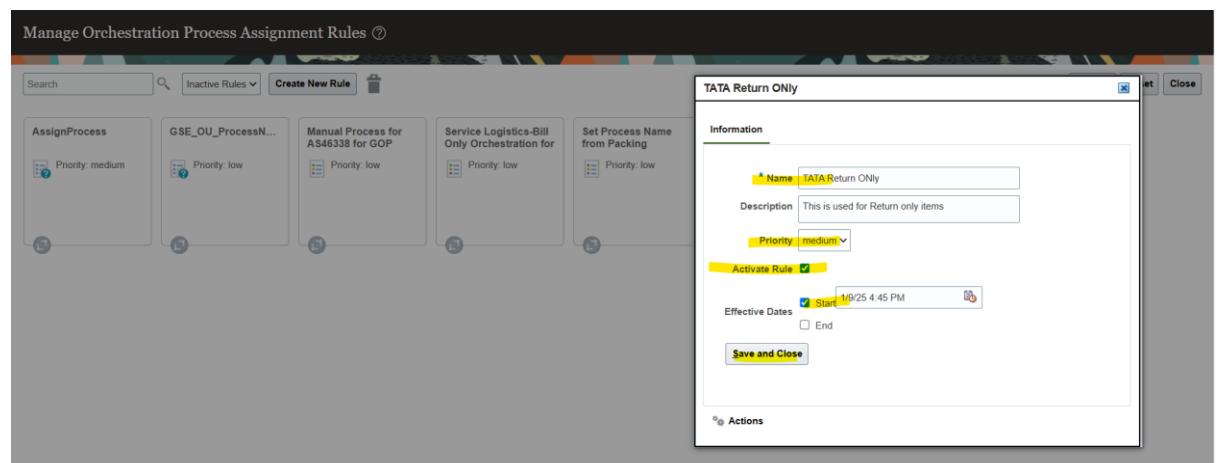
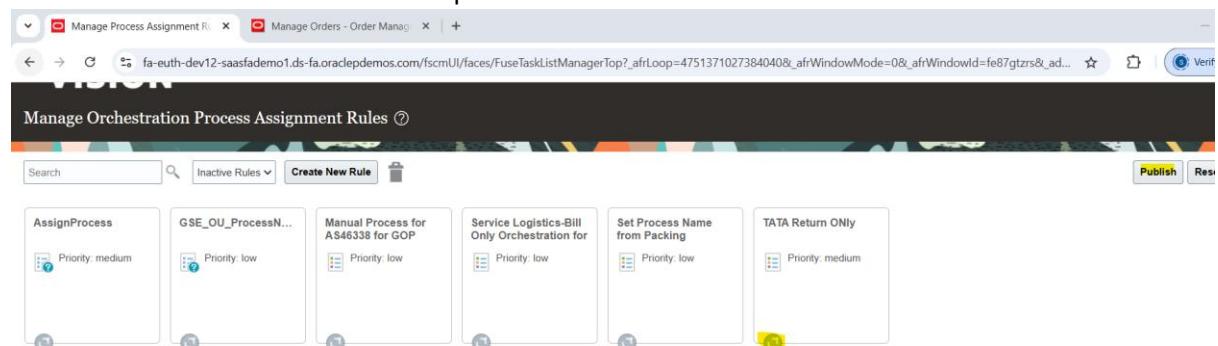
Is set to search the customized orchestration process.



Click on Ok

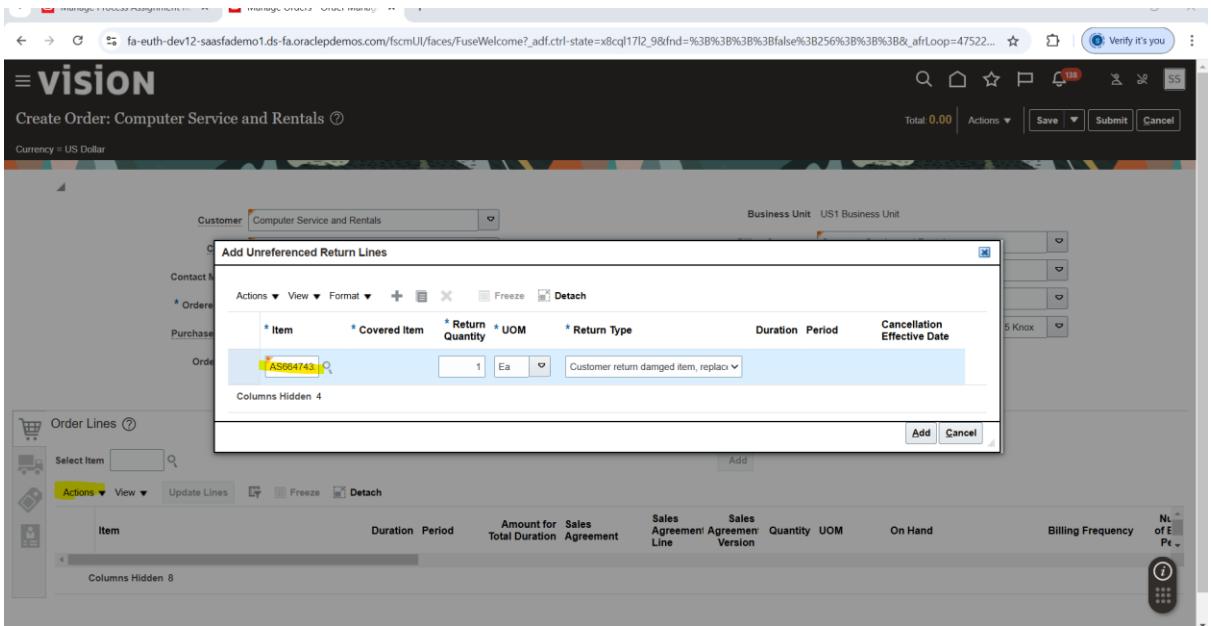
And ok

Save and close. Activate the rule and publish it.



Activate and publish it

Normally if we add the items directly in the sales order it is standard sales order. If we add items from the actions> Add unreferenced return lines, it is return orders.



For return orders, we will call the orchestrations, where as if you want **mixed orchestrations for each line, it is not possible at line level**

For example:

L1 → Ship only

L2 → Dropship

L3 → back-to-back

L4 → bill only.

At header level we can select any one orchestration based on the order type. Line level also we can select only for return item.

If it is a **return sales order, it is possible mixed orchestrations.**

L1 → Return for Credit

L2 → Return only

L3 → Return and Credit

When you do not use any order type, it's possible to pick mixed lines

Line 1 → Ship and Bill → order type is not specified at header level, system will identify automatically by seeing the lines

Line 2 → return type → based on the value it will pick up the return order orchestration.

If we control at item level, we can achieve the Mixed scenarios.

For example:

L1 → Ship only , item → shippable , Invoice : no

L2 → Bill only , item → Shippable/ no, Invoice / Yes

L3 → bill only & Ship only item → Shippable/ Yes, Invoice/yes

These are possible , based on the item, It will identify the orchestration. (here don't consider order type)

Line 1 → Ship only, item → shippable, Invoice no D00_OrderFulFillmentGenericProcess
L2 → Bill only , item → Shippable/ no, Invoice / Yes
L3 → bill only & Ship only item → Shippable/ Yes, Invoice/yes

Generally if we don't give the order type, it will call the standard orchestration, it will run the required steps, remaining steps it will skip based on NA (not applicable)

Bill only: Schedule, reserved, Invoice, Shipping (NA)

Ship only: Schedule, reserve, Shipping (invoice: NA)

L4: Return items: ReturnOrderGenericProess:

Based on the return type it will call the orchestration.

Making order type is mandatory:

(sometimes items attributes also changing, it causes issues)

If we use order type, mixed type want to use , use three different type orders.

Same item A: Some time ship only, some time: bill only, Some time : Ship and Bill only.

We will suggest the client use order type.

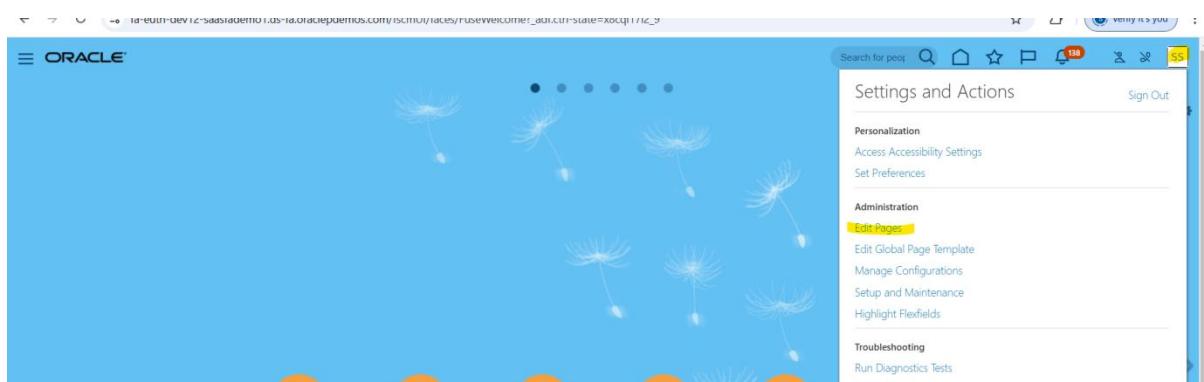
Line 1 → Ship only order type: Ship only Item A

L2 → Bill only Order Type: Bill Only

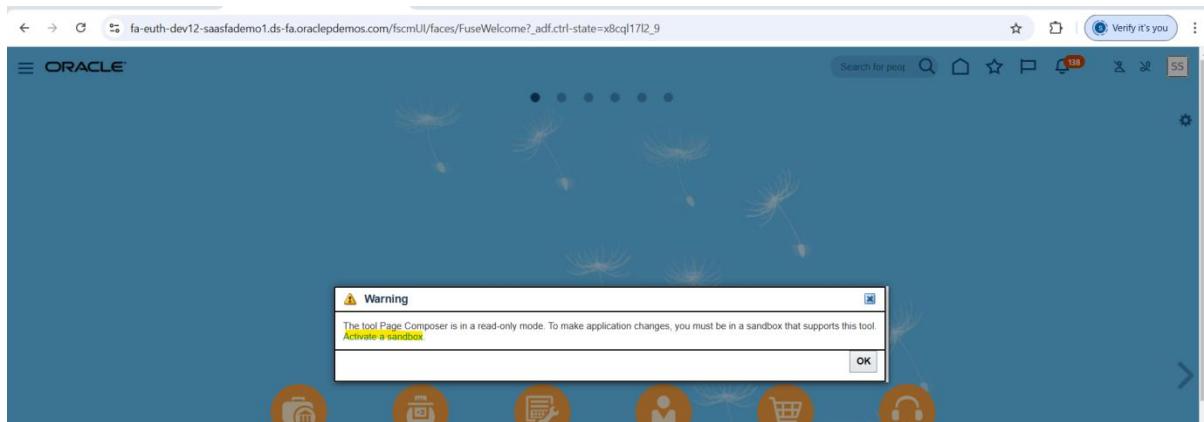
L3 → bill only & Ship only Order Type: Bill only and ship only.

3 order types we are using 3 sales orders needs to be created.

How to make compulsory the order type: we need to do sand box



Goto this area , click on Edit pages,



Sandboxes

Available Sandboxes		Published Sandboxes	Deleted Sandboxes																														
<input type="button" value="Find"/> All <input type="button" value="Search"/>																																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Context</th> <th>Publishable</th> <th>Tools</th> <th>Enter Sandbox</th> </tr> </thead> <tbody> <tr> <td>SKY_SB-1</td> <td>Site</td> <td>Yes</td> <td>7+</td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td>SKY_SR-Revert</td> <td>Site</td> <td>Yes</td> <td>8+</td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td>orc</td> <td>Site</td> <td>Yes</td> <td>5+</td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td>Career Development -Sections</td> <td>Site</td> <td>Yes</td> <td>5+</td> <td><input type="button" value="Edit"/></td> </tr> <tr> <td>ORC Structure</td> <td>Site</td> <td>Yes</td> <td>5+</td> <td><input type="button" value="Edit"/></td> </tr> </tbody> </table>				Name	Context	Publishable	Tools	Enter Sandbox	SKY_SB-1	Site	Yes	7+	<input type="button" value="Edit"/>	SKY_SR-Revert	Site	Yes	8+	<input type="button" value="Edit"/>	orc	Site	Yes	5+	<input type="button" value="Edit"/>	Career Development -Sections	Site	Yes	5+	<input type="button" value="Edit"/>	ORC Structure	Site	Yes	5+	<input type="button" value="Edit"/>
Name	Context	Publishable	Tools	Enter Sandbox																													
SKY_SB-1	Site	Yes	7+	<input type="button" value="Edit"/>																													
SKY_SR-Revert	Site	Yes	8+	<input type="button" value="Edit"/>																													
orc	Site	Yes	5+	<input type="button" value="Edit"/>																													
Career Development -Sections	Site	Yes	5+	<input type="button" value="Edit"/>																													
ORC Structure	Site	Yes	5+	<input type="button" value="Edit"/>																													

Create Sandbox

Create Sandbox

* Name: <input type="text" value="TATAOrderTypeFieldMandatory"/>	Description: <input type="text" value="As requested ticket number 12345, we make order type field mandatory"/>
Published: <input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="button" value="Create"/> <input type="button" value="Create and Enter"/> <input type="button" value="Cancel"/>

All Tools

Active	Name	Description	Supported Context	Additional Information
<input type="checkbox"/>	Configure Business Objects	Configure Business Objects	Site	

Manage Process Assignment | Create Sandbox - Sandboxes | +

<input type="checkbox"/>	Name	Description	Supported Context
<input type="checkbox"/>	Configure Business Objects	Configure Business Objects	Site
<input type="checkbox"/>	HCM Experience Design Studio	HCM Experience Design Studio	Site
<input type="checkbox"/>	Application Composer	Create custom objects and fields, extend user interfaces and business log... Site	
<input type="checkbox"/>	Appearance	Change the look and feel of the application	Site
<input type="checkbox"/>	Structure	Configure the Navigator and springboard	Site
<input type="checkbox"/>	Manage Service Mappings	Search, create, edit, or delete service mappings	Site
<input type="checkbox"/>	User Interface Text	User Interface Text	Site
<input type="checkbox"/>	Data Security	Create data security policies for business objects, and add grants to the ... Site	
<input type="checkbox"/>	Lookups	Create lookups, and modify the existing ones.	Site
<input type="checkbox"/>	Messages	Create messages, and modify the existing ones.	Site
<input type="checkbox"/>	Flexfields	Modify Descriptive Flexfields.	Site
<input type="checkbox"/>	Guided Learning	Configure Guided Learning.	Site
<input type="checkbox"/>	Page Integration	Create new pages, add tabs to existing pages.	Site
<input checked="" type="checkbox"/>	Page Composer	Add and edit page content.	Site
<input type="checkbox"/>	Page Template Composer	Add and edit page template content.	Site

Create Sandbox

Active	Name	Description	Supported Context	Additional Information
<input type="checkbox"/>	Configure Business Objects	Configure Business Objects	Site	
<input type="checkbox"/>	HCM Experience Design Studio	HCM Experience Design Studio	Site	

Create and Enter

Name	Context	Publishable	Tools	Enter Sandbox
TATAOrderTypeFieldMandatory	Site	Yes		
SKY_SB-1	Site	Yes		
SKY_SR-Revert	Site	Yes		
orc	Site	Yes		
Career Development -Sections	Site	Yes		
ORC Structure	Site	Yes		
Annoucements	Site	No		
NP	Site	Yes		
xram_infolist	Site	Yes		
Test_Infolist	Site	Yes		
xinfolet_demo_ram	Site	Yes		
xram_tolen_invList	Site	Yes		
xram_tolen_invoice_list	Site	Yes		

It is enables the sand box

Go back to order management> Create order

Create Order

Customer	Business Unit
Contact	Bill-to Customer
Contact Method	Bill-to Account
* Ordered Date 1/9/25 12:44 PM	Ship-to Customer
Purchase Order	Ship-to Address
Order Type	Sales Agreement
Sales Credits	

Order Lines

The screenshot shows the Oracle Fusion Cloud Application interface for creating an order. The top navigation bar includes 'TATAOrdertypeFieldMandatory' and 'Tools'. The main menu has 'View', 'Editing: User Interface', 'Edit Layer: Site - SITE', and 'Manage Configurations'. Below this, there are tabs for 'Add Content', 'Select', and 'Structure', with 'Select' being the active tab. The page title is 'Create Order'. It displays various input fields: 'Customer', 'Contact', 'Contact Method', 'Ordered Date' (set to 1/9/25 12:44 PM), 'Purchase Order', 'Order Type', 'Business Unit' (with a dropdown menu showing 'US1 Business Unit'), 'Bill-to Customer', 'Bill-to Account', 'Ship-to Customer', 'Ship-to Address', 'Sales Agreement', and 'Sales Credits'. At the bottom, there's a 'Save' button.

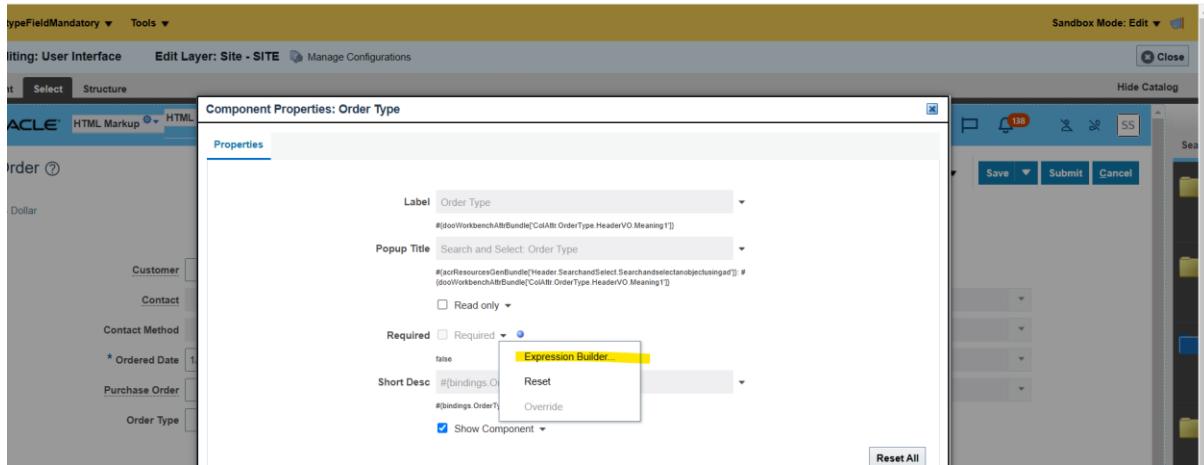
Click on select

This screenshot is similar to the previous one, showing the 'Create Order' page with the 'Select' tab selected. The 'Business Unit' field now has a tooltip 'Edit Component' over its 'Edit Component' button. The other fields and overall layout remain the same.

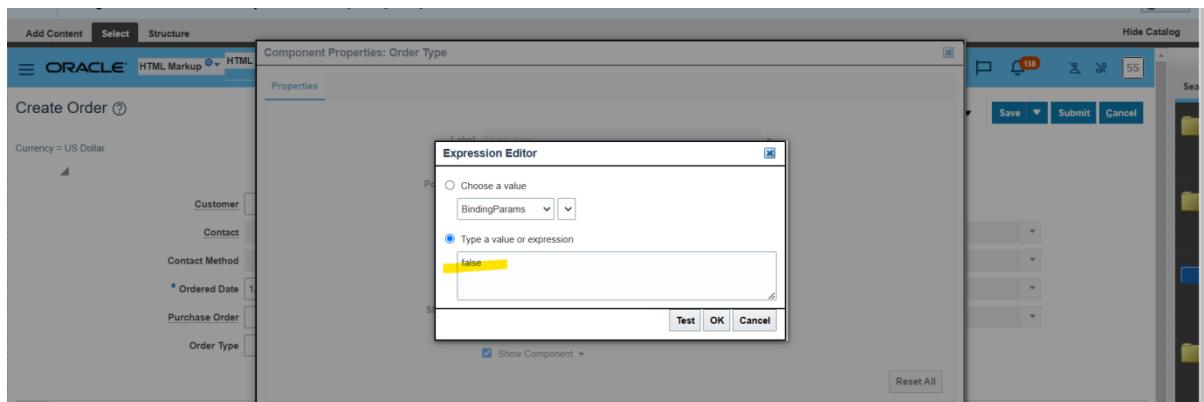
Select BU, Click on Select at top, goto Order type> keep the cursor near order type, click and select Edit Component

This screenshot shows the 'Component Properties: Order Type' dialog box. It contains fields for 'Label' (set to 'Order Type'), 'Popup Title' (set to 'Search and Select: Order Type'), 'Required' (set to 'Required'), 'Short Desc' (set to '#[bindings.OrderType]'), and 'Show Component' (checkbox checked). The 'Override' button in the 'Required' section is highlighted with a yellow box.

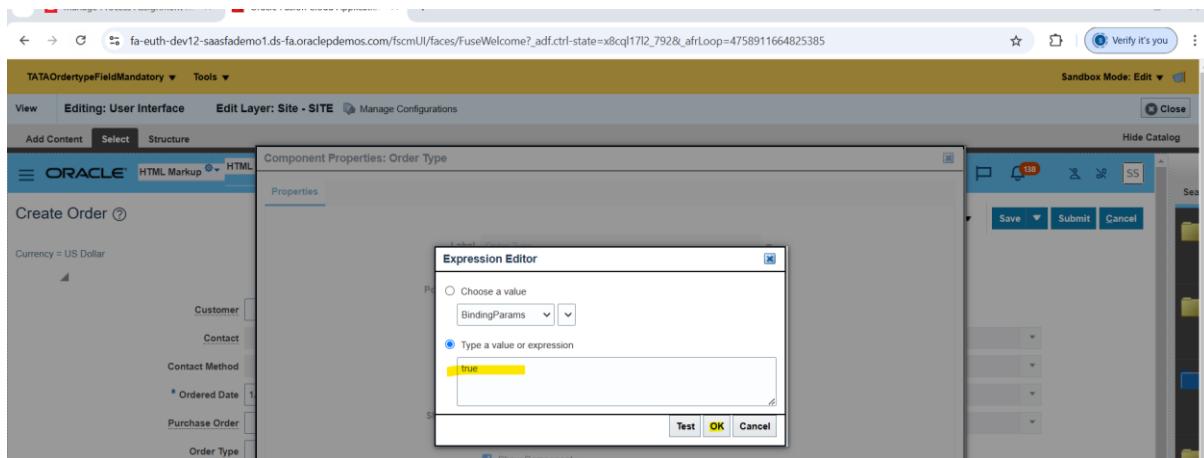
Click on override



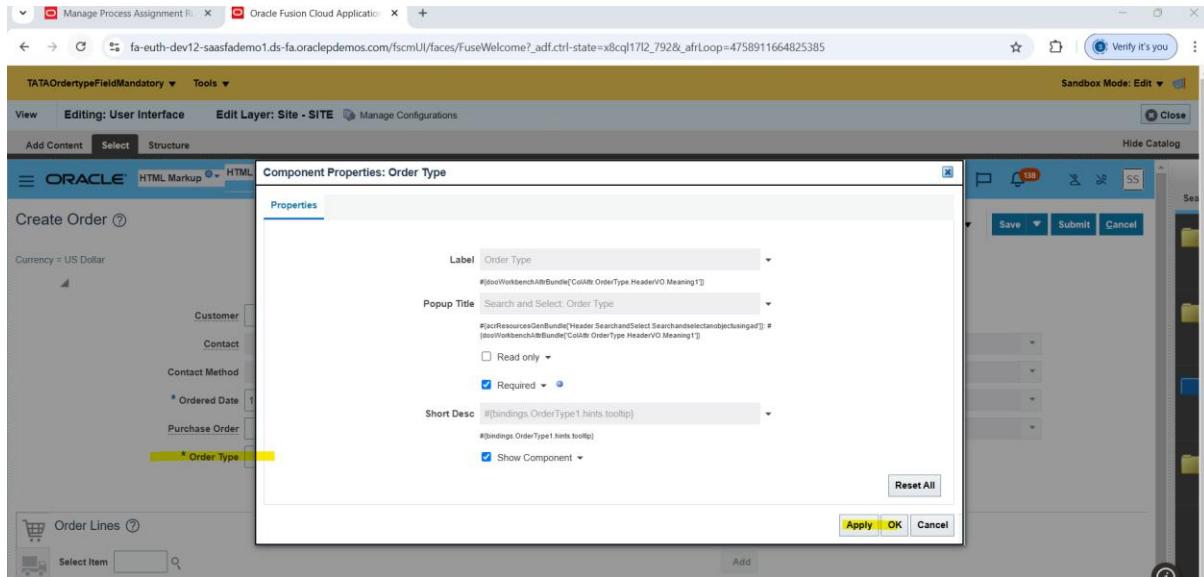
Again click on expression Builder



Replace false with true

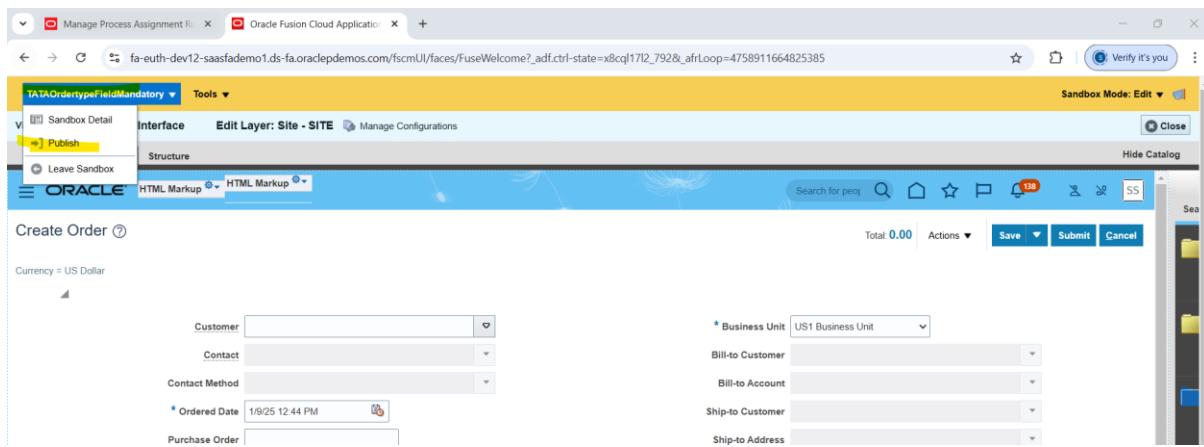


Click on ok

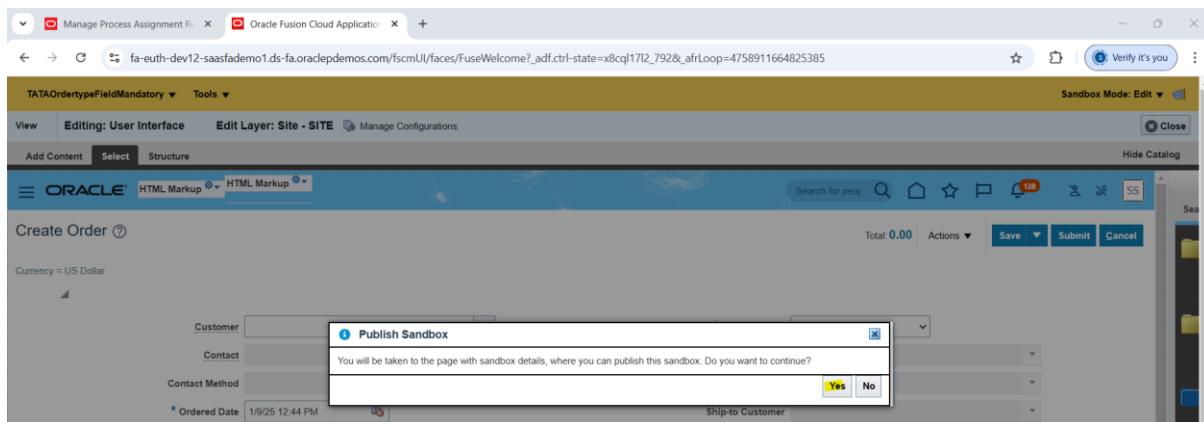


Click on Apply and Ok

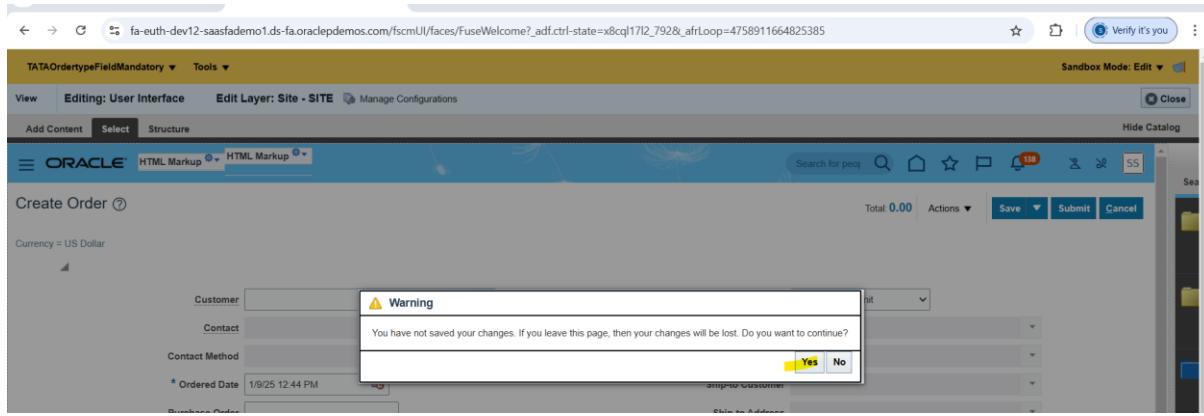
Now we made order type as mandatory field.



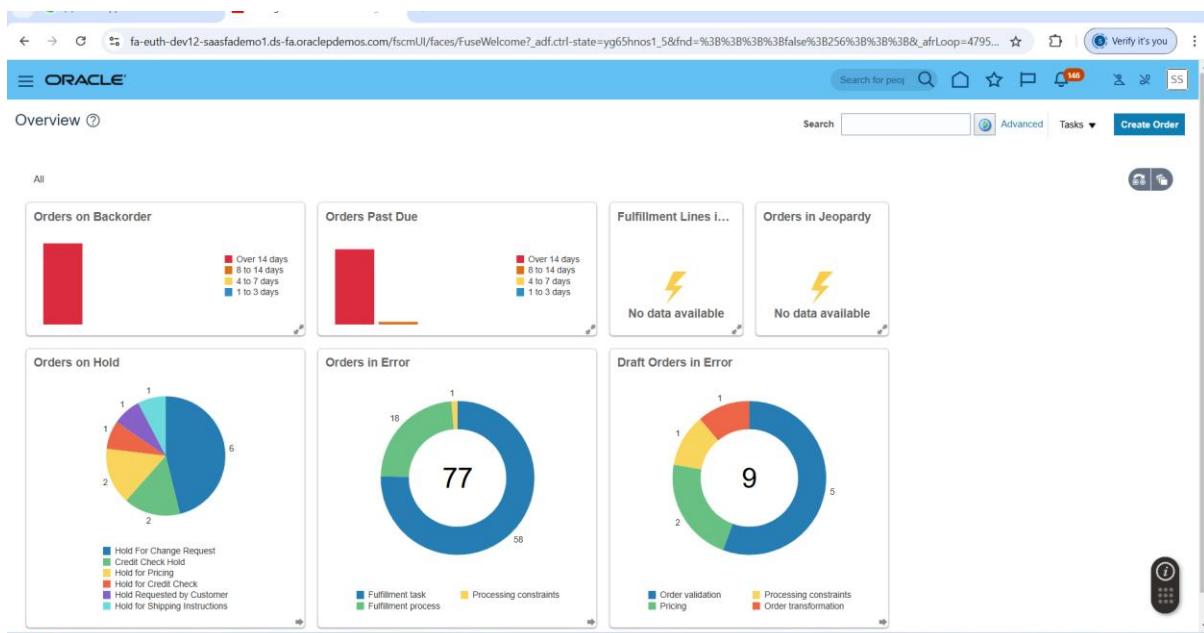
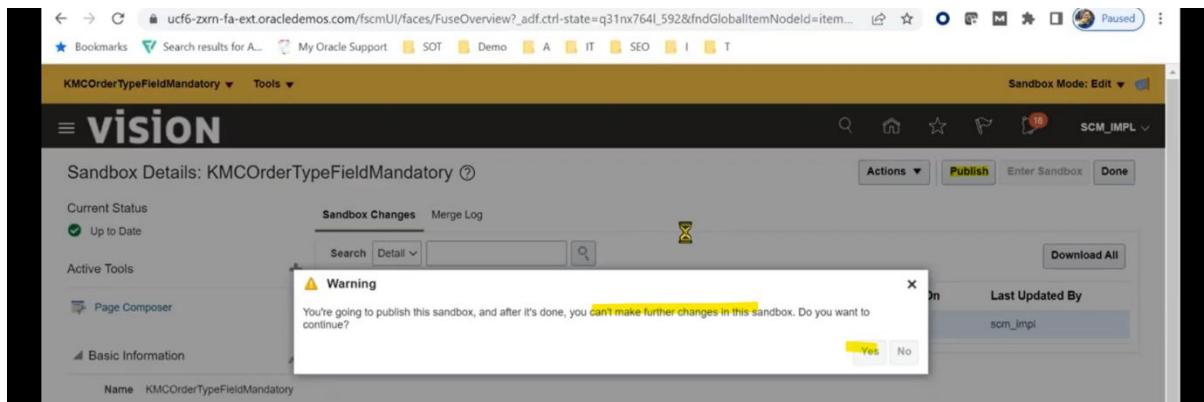
Goto task level, click on publish



Click on yes



Yes



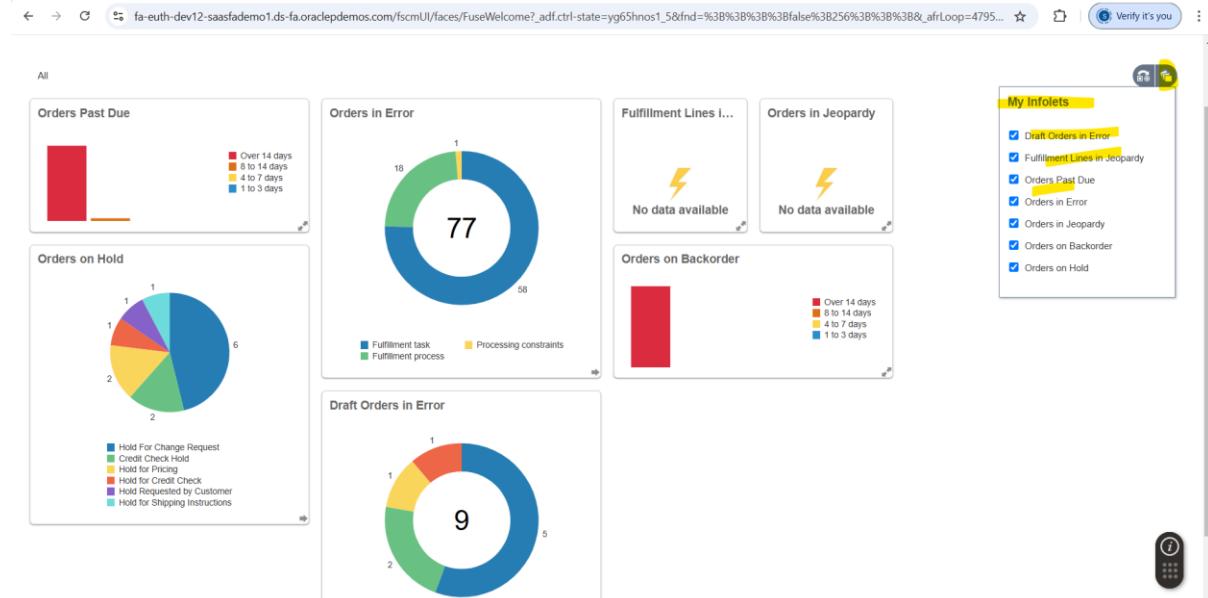
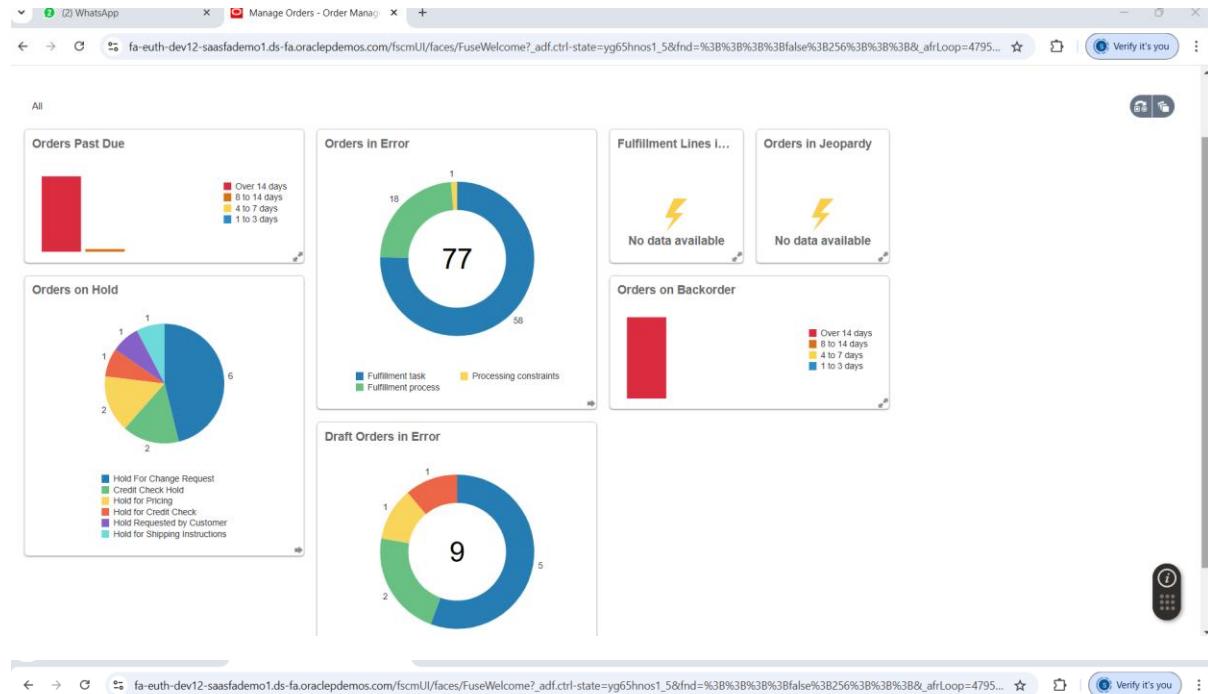
There are some infolets are available. Some images, showing information, useful for the Sales order entry person, specifying how many orders are back orders(sales order not having on-hand quantity),

Orders past due date(which missed the SSD), Orders are on Hold, Orders in error(these are submitted orders), Draft orders in Error(those orders in draft status).

These all information is available in the Order management helpful for sales order entry person.

We can re arrange these sections from one place to another.

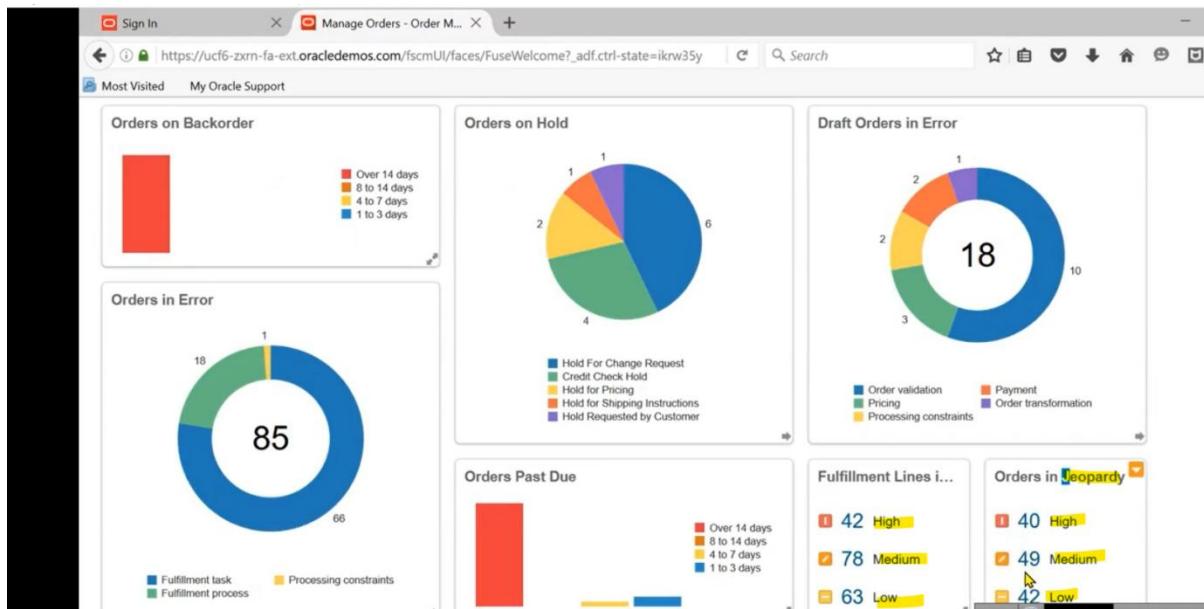
By dragging from one place to another.



If you don't want these infolets, you can uncheck the infolets.

Here two concepts, orders in Jeopardy, Lines in Jeopardy.

Jeopardy is nothing but Risk



Orders are in Risk like High, Medium and Low.

Configurations:

Manage Jeopardy Priorities

Manage Jeopardy Threshold Definitions

The screenshot shows the 'Manage Jeopardy Priorities' configuration screen. On the left, there is a sidebar titled 'Functional Areas' with the 'Orders' item selected. The main area displays a table of tasks under the 'Orders' category:

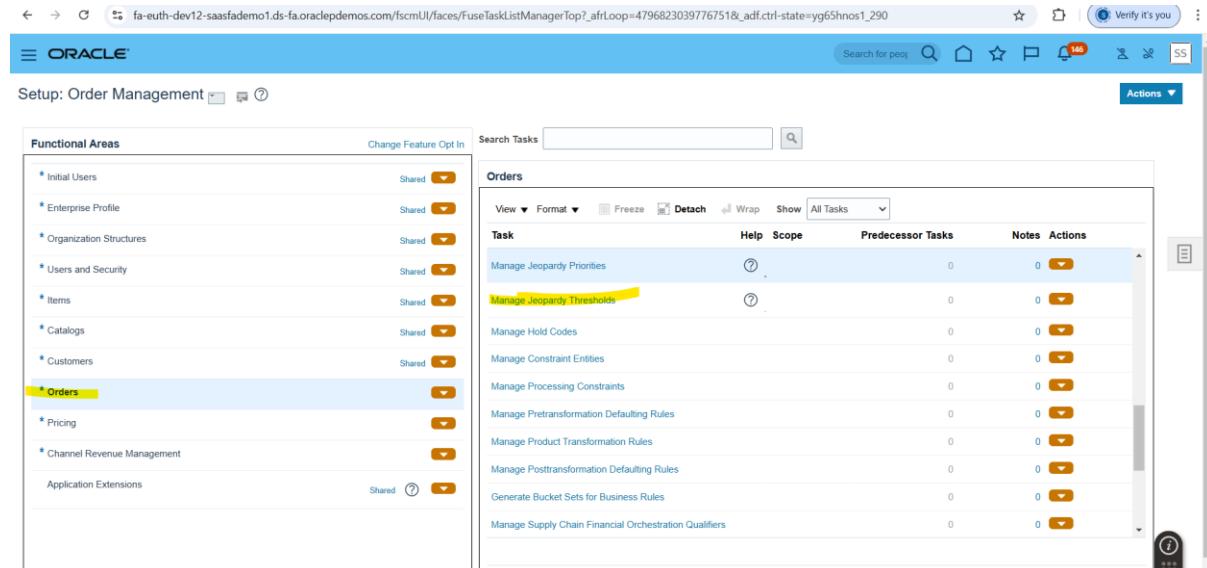
Task	Help	Scope	Predecessor Tasks	Notes	Actions
Manage Jeopardy Priorities	?		0	0	Edit
Manage Jeopardy Thresholds	?		0	0	Edit
Manage Hold Codes			0	0	Edit
Manage Constraint Entities			0	0	Edit
Manage Processing Constraints			0	0	Edit
Manage Pretransformation Defaulting Rules			0	0	Edit
Manage Product Transformation Rules			0	0	Edit
Manage Posttransformation Defaulting Rules			0	0	Edit
Generate Bucket Sets for Business Rules			0	0	Edit

The screenshot shows the 'Manage Jeopardy Threshold Definitions' configuration screen. It displays a table for defining jeopardy thresholds:

Priority	* Minimum Score	* Maximum Score
LOW	0	100
MEDIUM	100	300
HIGH	300	999

Here we will specify the priority score , for the priorities.

The score if we want we can change.



The screenshot shows the Oracle Order Management setup page. On the left, there's a sidebar titled "Functional Areas" with various options like Initial Users, Enterprise Profile, Organization Structures, etc., some of which are highlighted in yellow. The "Orders" option is also highlighted. The main area is titled "Orders" and contains a table with columns: Task, Help, Scope, Predecessor Tasks, Notes, and Actions. One row in the table, "Manage Jeopardy Thresholds", is highlighted with a yellow box. Below this, there's another screenshot of the "Manage Jeopardy Threshold Definitions" page, showing search filters and a table of threshold definitions with columns: Code, Name, Process Name, Process Version, Task Type, Task Name, and Description.

Click on +

If any shipment is delayed, we will configure the threshold, with the given values, based on these those orders will fall under Risk (Low/ Medium/ High)

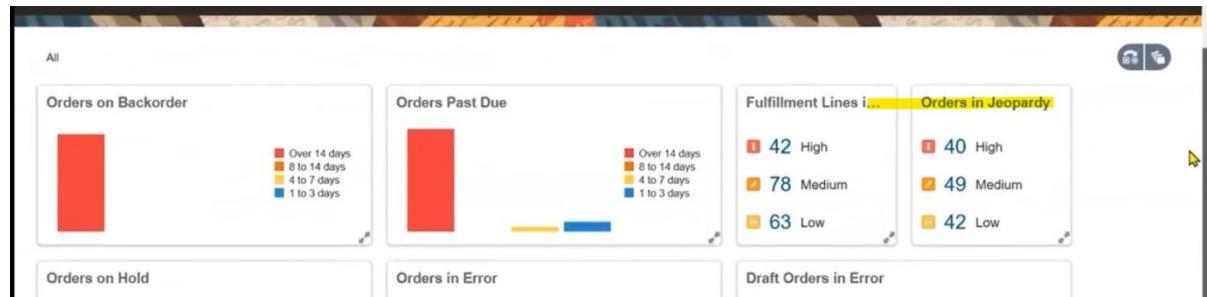
The screenshot shows the 'Create Jeopardy Threshold Definition' page. At the top, there are fields for 'Code' (TATA Shipment Delay), 'Description' (TATA Shipment Delay), and 'Name' (TATA Shipment Delay). Below these are sections for 'Applicability' (Process Name: D00_OrderFulfillmentGenericProcess, Task Type: Shipment, Process Version: All, Task Name: All) and 'Jeopardy Threshold Ranges'. The 'Jeopardy Threshold Ranges' section contains three rows of data:

Minimum Delay	Minimum UOM	Maximum Delay	Maximum UOM	Score	Description
0 Minutes	2 Days	60 Days	1 Year	100	
2 Days	10 Days	250 Days	10 Years	300	
10 Days	999 Days	500 Days	100 Years	999	

To the right of the main form is a 'Jeopardy Priority' table:

Priority	Minimum Score	Maximum Score
LOW	0	100
MEDI...	100	300
HIGH	300	999

If any delays happened those comes to jeopardy shown below



This step is important for Order managers, to review the orders and fullfil the orders.

Sreenivasulu Chekuri

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