OSM Orchestration Exercise
Lab 11-1 - Testing the Orchestration Sequence

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COMMUNICATIONS

By now you should have completed the deployment of the orchestration cartridge and we are ready to run some sample orders through the system to see how it reacts.
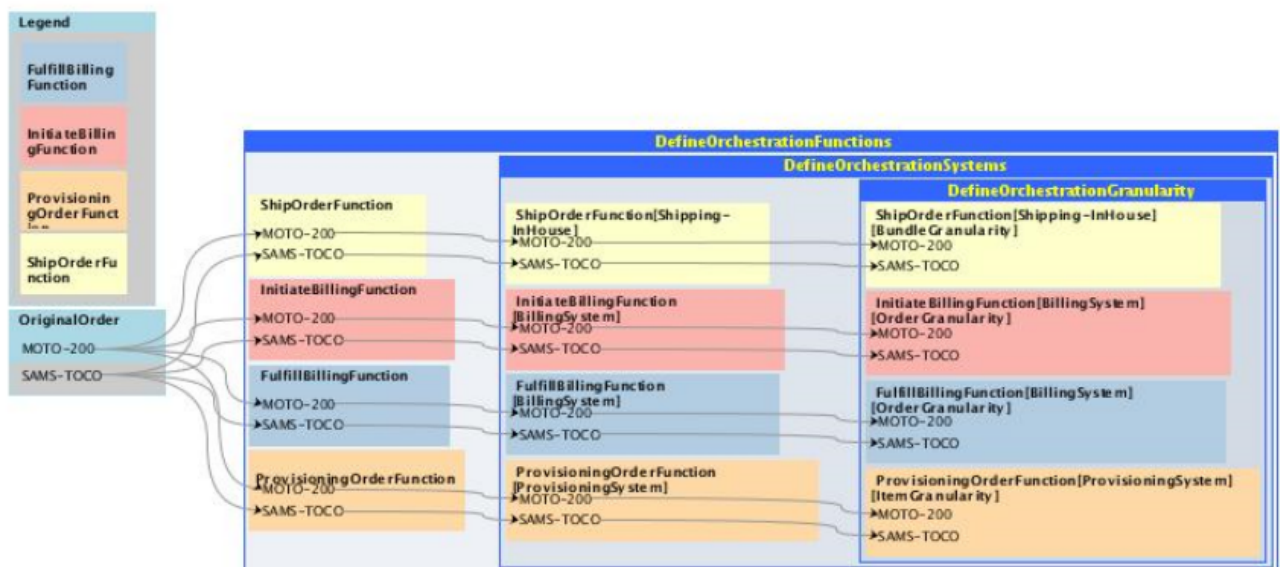
1) Select **Submit Test > VM_ENV > OSM7-DD-Lab11-1.xml**

   ↓ A response will be sent back from OSM providing the order ID

2) Log into the OSM UI using Internet Explorer

   ↓ **http://<ip assigned to your vm>:7001/omswebui**
   ↓ Use the username/password provided by the instructor.

3) Locate your order using the search tools and view the order.

If all is working correctly you should see a panel on the left hand side similar to the following diagram
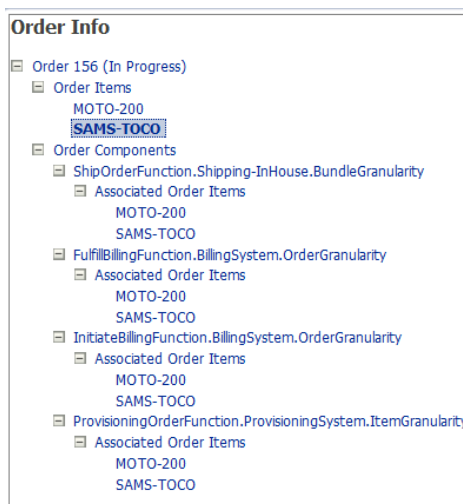
If you do not, please let an instructor know.

4. expand the **Decomposition Tree** diagram, it should look as follows:

5. Switch to the **Orchestration Plan** tab and enlarge the **Dependency Graph** that is shown, it should look like the following.

** **Note:** for those that are observant, you will note that the orchestration plan dose not look as we expected, both InitiateBillingFunction and ProvisioningOrderFunction can start at the same time. We were expecting the following sequence to be generated – we will correct this in the next lab.

6. Close the window and return to the osmwebui data screen.

7. Switch to the **Summary** tab

Notice that Orchestration has **started** 2 components, Billing and Provisioning (as per the orchestration plan)

8. Log into the OSM SOM UI using Internet Explorer (do not close your current browser window, we still require this)

- **http://<ip assigned to your vm>:7001/oms**
- Use the username/password provided by the instructor.
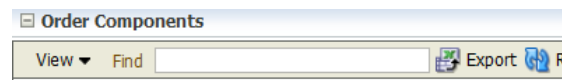
- Locate your order

9. You should see 2 tasks have been started for your order

- BillingDebugTask
- ProvisioningDebugTask

10. Complete the ProvisioningDebugTask

- In the C.O.M UI refresh the view using the [icon] **R** button

Order Components		
View ▼ Find		Export R

11. You should now see the following

| DefineOrchestrationFunctions	DefineOrchestrationSystems	DefineOrchestrationGranularity	State
ShipOrderFunction	Shipping-InHouse	BundleGranularity	Created
FulfillBillingFunction	BillingSystem	OrderGranularity	Created
InitiateBillingFunction	BillingSystem	OrderGranularity	Started
ProvisioningOrderFunction	ProvisioningSystem	ItemGranularity	Completed

** **Note:** The Provisioning component has been completed but no other components have been started, this is because the orchestration plan says that both **ProvisioningOrderFunction** and **InitiateBillingFunction** and **ShipOrderFunction** must be completed before **FulfillBillingFunction** starts.

12. in the SOM UI complete the **BillingDebugTask**
    - Refresh the worklist
    - The **ShippingDebugTask** should have appeared.

13. In the COM UI refresh again.

DefineOrchestrationFunctions	DefineOrchestrationSystems	DefineOrchestrationGranularity	State
ShipOrderFunction	Shipping-InHouse	BundleGranularity	Started
FulfillBillingFunction	BillingSystem	OrderGranularity	Created
InitiateBillingFunction	BillingSystem	OrderGranularity	Completed
ProvisioningOrderFunction	ProvisioningSystem	ItemGranularity	Completed

** **Note:** ShipOrderFunction has now started

14. Complete the Order using both the COM and SOM ui's

END OF LAB