SAP Setup

Ver. 1.0.0

Overview

Before proceeding with the lab, there are some configurations that need to be setup on your SAP instance.

If you don't have an SAP instance, you can leverage a hosted SAP demo system. <u>SandboxSAP</u> is one example and costs around \$30/month for a single user or \$13.50/7 days for a single user. You can leverage the ECC 6.0 EHP3 IDES system and configure it according to this guide.

Please use this guide a reference. Your SAP instance may be configured differently and have restrictions that prevent you from completing the labs fully. If you run into issues on the SAP side, please leverage your SAP Administrator.

Reminder: This lab requires the use of your own SAP instance. If you don't have one, you can leverage a hosted SAP service. For the purposes of this lab, we utilized <u>Sandbox SAP</u>.

Overview

Steps

- 1. Create New Connection
- 2. Create a RFC Destination SM59
- 3. Create Port for IDoc Processing WE21
- 4. Use or Create Two Logical Systems SALE
- 5. Use or Create a Partner Profile WE20
- 6. Create a Distribution Model BD64

Summary

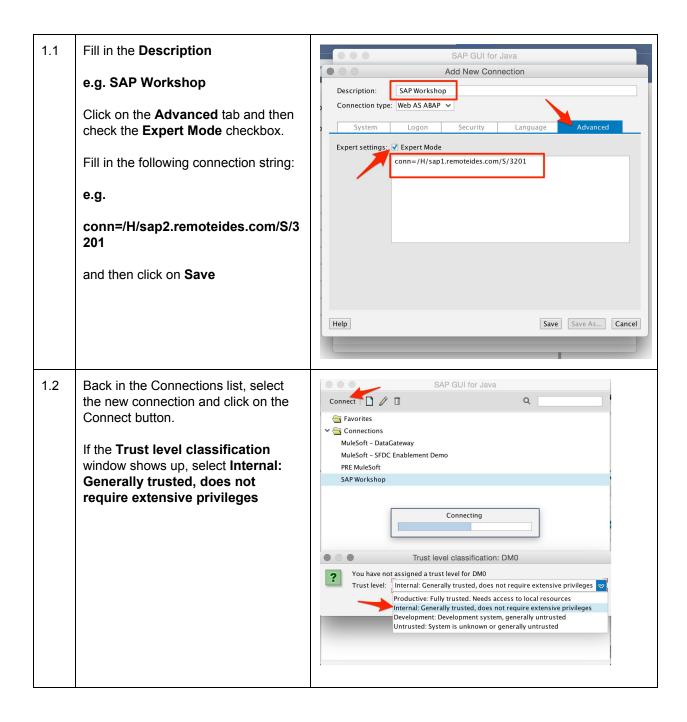
Steps

1. Create New Connection

1.0 Open SAP GUI and click on **New** to create a new connection.

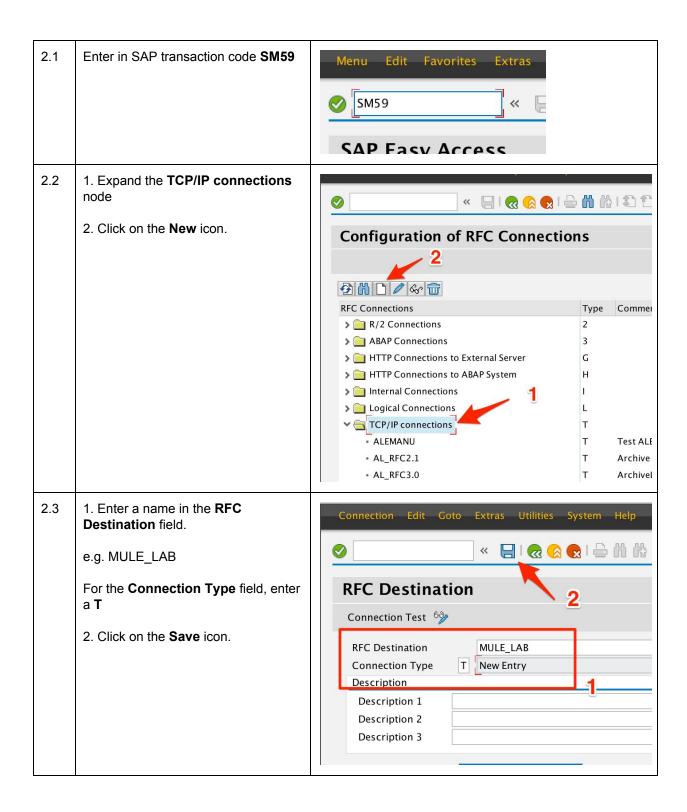
If you already have a connection to your own instance, skip to <u>Step 2</u>

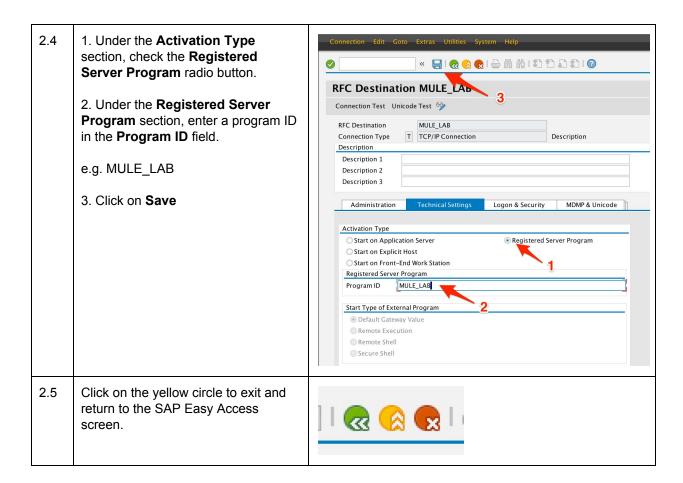




2. Create a RFC Destination - SM59

The first step is to create a RFC destination. The RFC destination is a symbolic name that is used to direct events to a target system masking the program ID. The target system in this case is the MuleSoft SAP Connector which acts as an inbound endpoint to receive IDocs and Functions over RFC. The Program ID is configured in both the SAP GUI and the SAP Connector.

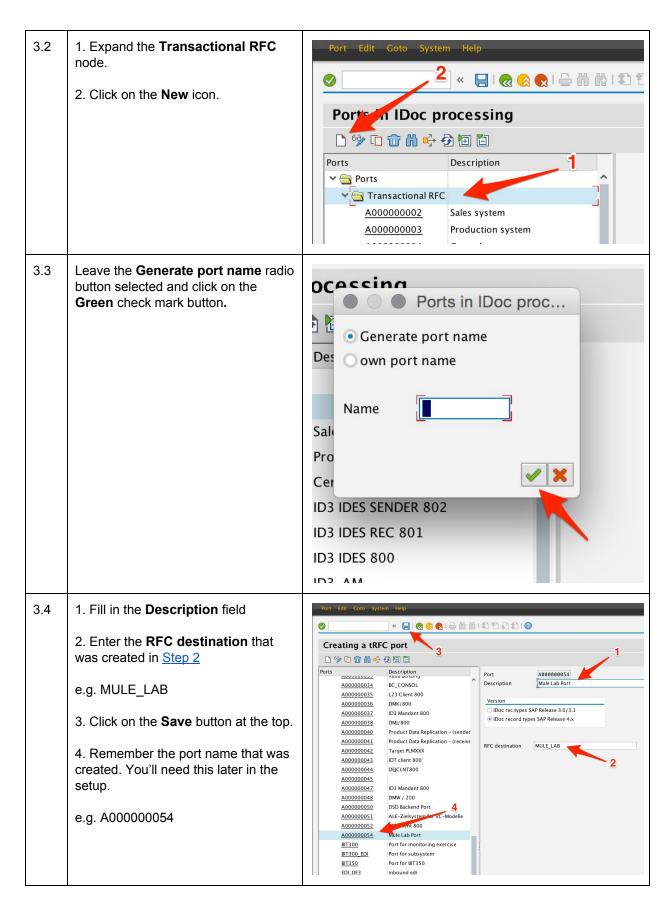




3. Create Port for IDoc Processing - WE21

The next step is to create a port for IDoc processing. A port identifies where to send messages.





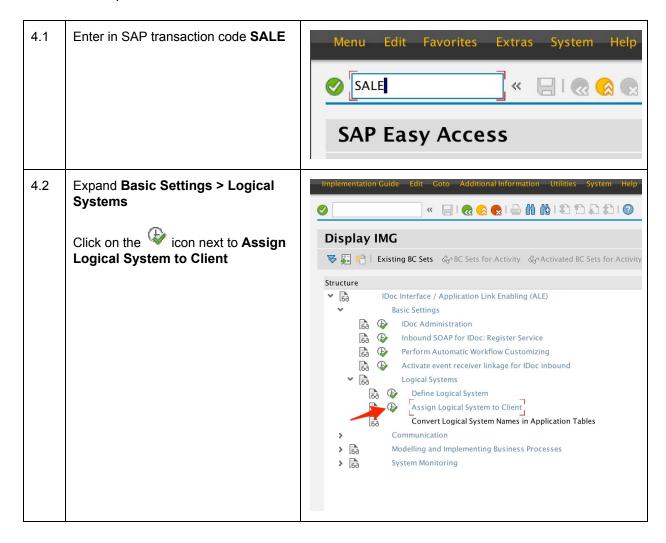
3.5 Click on the yellow circle to exit and return to the SAP Easy Access screen.

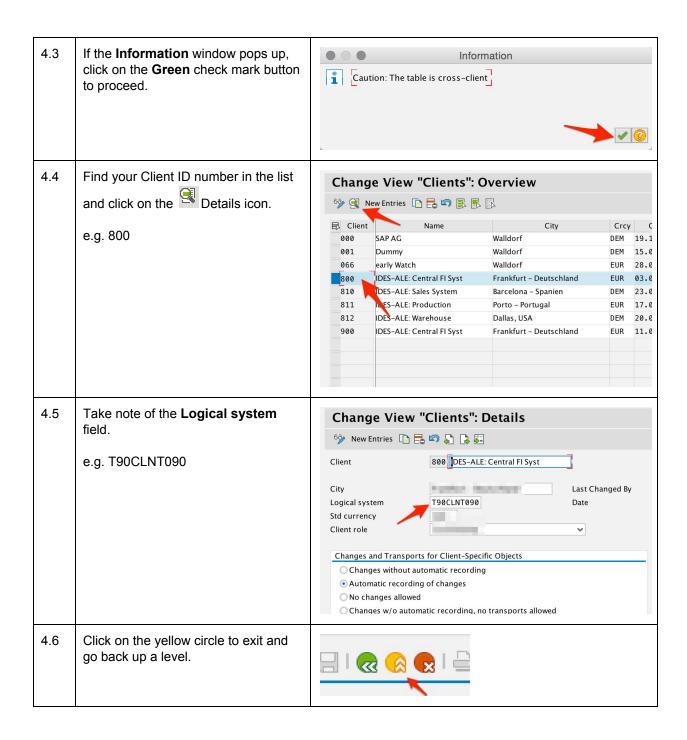


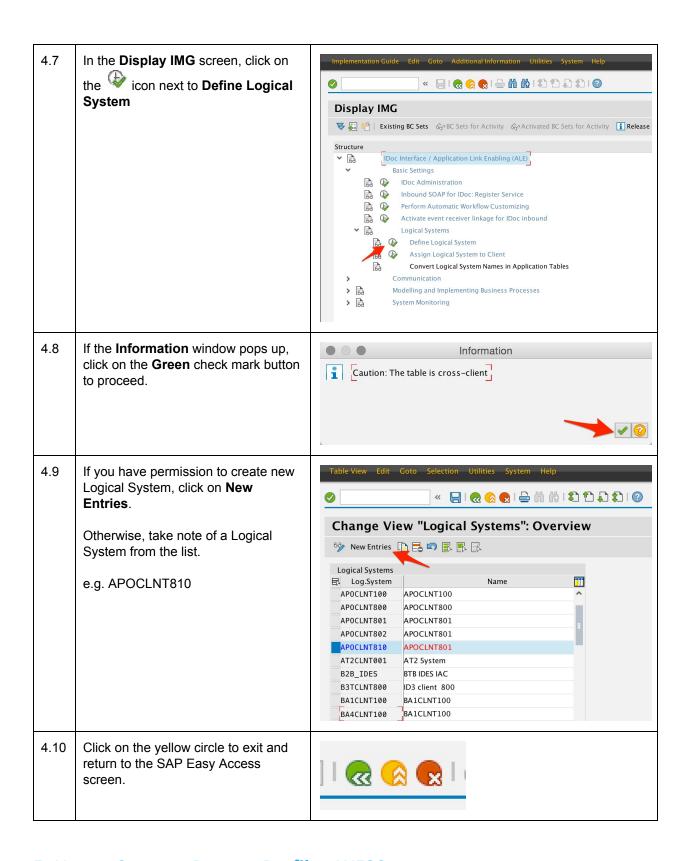
4. Use or Create Two Logical Systems - SALE

Logical Systems are the unique IDs that represent participating systems in a distributed environment.

In the case of this lab, you will either create a new Logical System or leverage one that already exists. This will represent the MuleSoft SAP Connector to either function as an inbound or outbound endpoint.

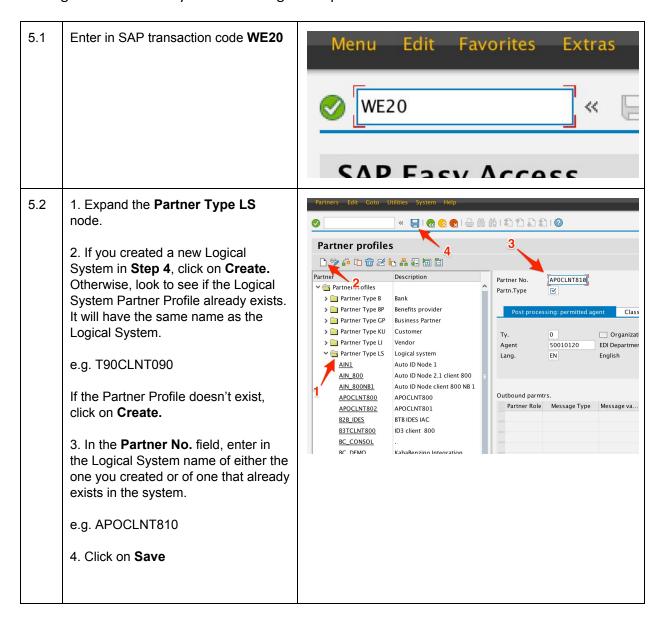


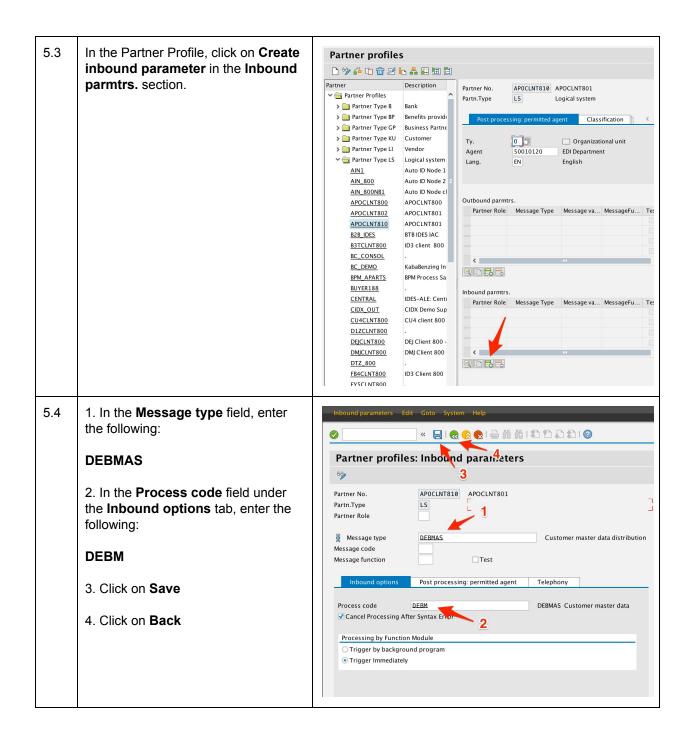


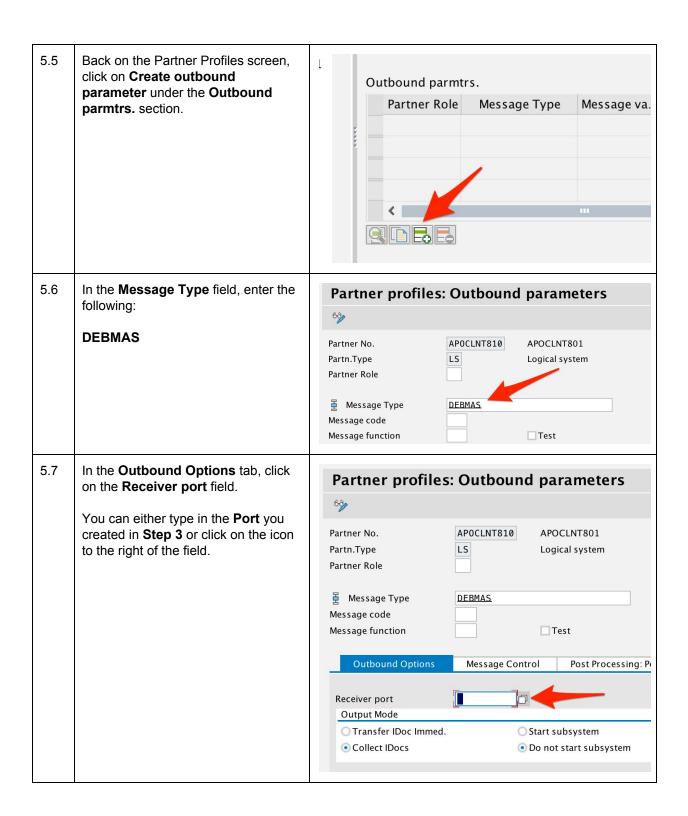


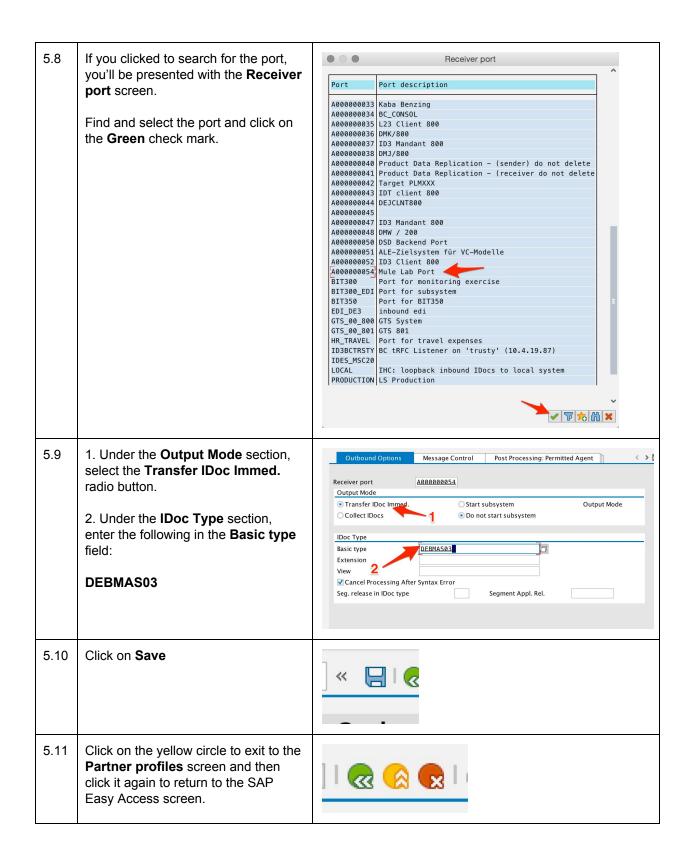
5. Use or Create a Partner Profile - WE20

Partner profiles are a prerequisite for data exchange. This involves defining who can exchange messages with the SAP system and using which port.



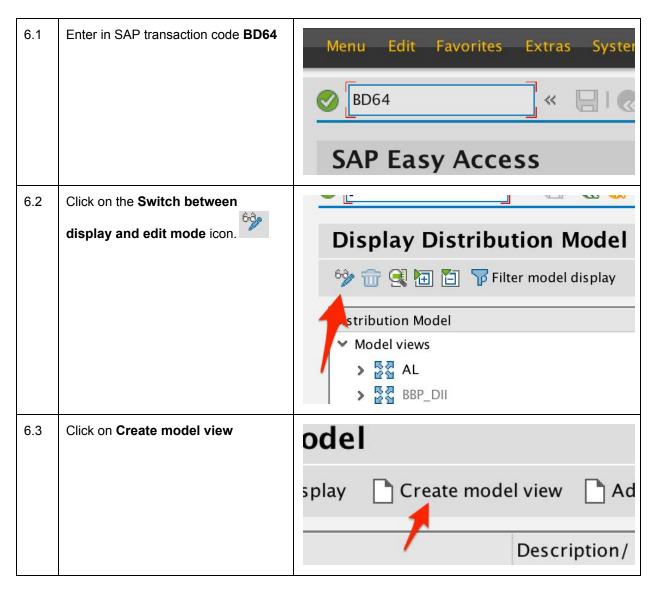


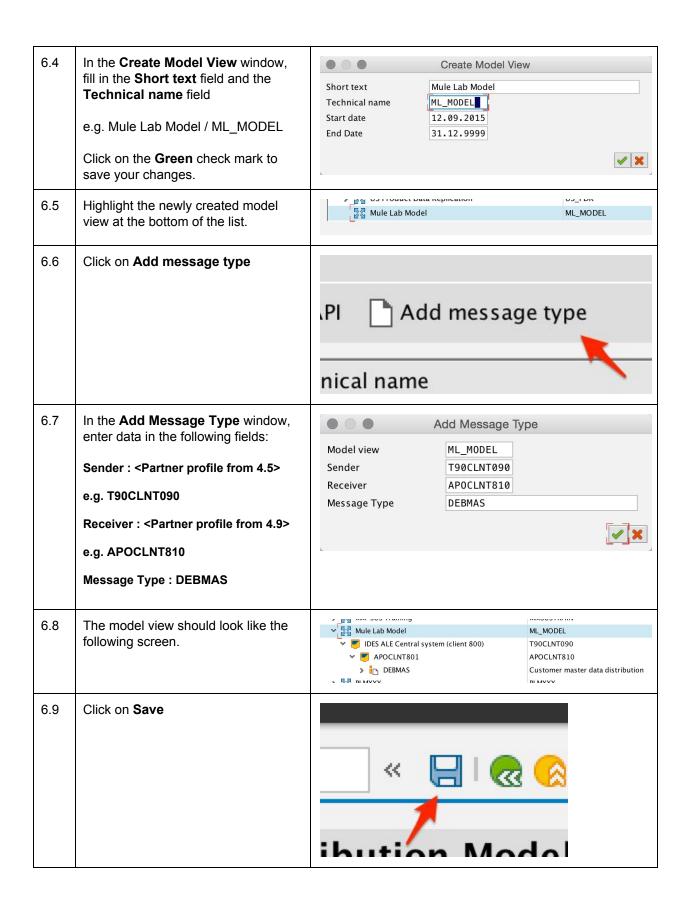




6. Create a Distribution Model - BD64

A distribution model is used to describe the ALE message flow between logical systems. In the case of this workshop, the SAP Client and the MuleSoft SAP Connector. Business objects are distributed to connected recipients according to a unique distribution model that can contain rules of varying complexity depending on the type of business objects involved.





6.10 Click on the yellow circle to exit and return to the SAP Easy Access screen.



Summary

These setup steps are provided as a general guideline and can vary from system to system depending on your user permissions and pre-existing configurations that may already be applied. Below are the configuration examples that you will need to reference for this workshop.

Step	Field	Example	Labs
2.4	Program ID	MULE_LAB	Lab 1
4.5	Logical System - Sender	T90CLNT090	Lab 3
4.9	Logical System - Receiver	APOCLNT810	Lab 1, Lab 3