

How to Deploy ESOA Archives to Your SAP NetWeaver Composition Environment and Get the Applications Running

Applies to:

SAP NetWeaver Composition Environment 7.1 SP3 and later.

Summary

This article explains how to deploy composite applications from eSOA archives into an existing SAP NetWeaver Composition Environment installation. It then describes how to configure and start the applications.

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Introduction

The eSOA reference applications are based on two ERP scenarios (customer fact sheet, quality issue notification [QIN]) and one SCM scenario (SCM ATP).

Note: You need the appropriate backend system(s) (ERP/SCM) to use these applications.

Scenario Descriptions

The eSOA archives deliver three reference composite applications:

- Customer Fact Sheet (CFS)
- Quality Issue Notification (QIN)
- SCM ATP Check

Customer Fact Sheet (CFS)

The Customer Fact Sheet summarizes all customer related information and gives instant access to all customer related data regardless in which business application or database this data is stored. It allows sales people to access information such as address data, contact data, credit scores, and order histories from one customizable presentation interface.

Note: For this application you need the ERP backend system.

Quality Issue Notification (QIN)

This scenario deals with creating and managing quality issue notifications.

In the first step any user can create a quality issue notification simply using a Web browser.

In the second step all relevant notifications can be found in the overview screen and selected for the update. In a third step, the selected notification can be updated, whereby a task and person responsible is assigned, for example.

Note: For this application you need the ERP backend system.

SCM ATP Check

The idea for this application is to enable an easy availability check by showing the available stock of the requested material in other locations. The seller just enters the material description and the location to check where the product is available. The customer can decide how to proceed if she/he wants to procure the product directly from one of the locations where it is available at or have it reordered if the product is not available.

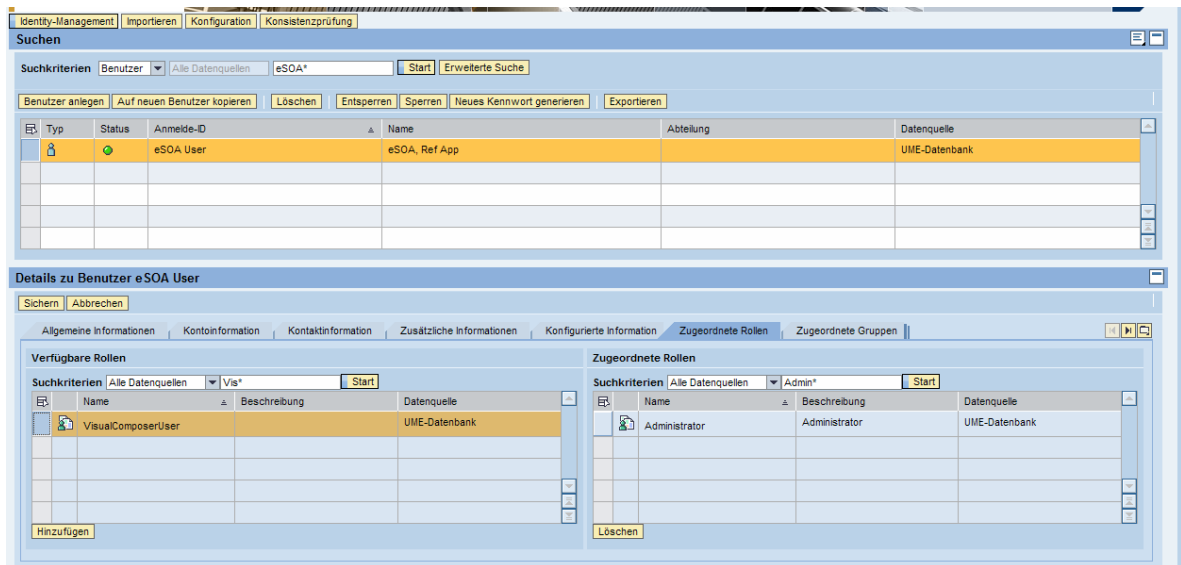
Note: For this application you need the SCM backend system

Getting the Scenarios Running

In the following sections you will be guided through the necessary steps to configure your system for the eSOA reference applications and deploy them.

1. Provide required role to your user.

You need an "Administrator" User for maintaining web service destinations. You can find this dialog at <http://<yourServer>:<Port>/index.html> User Management:

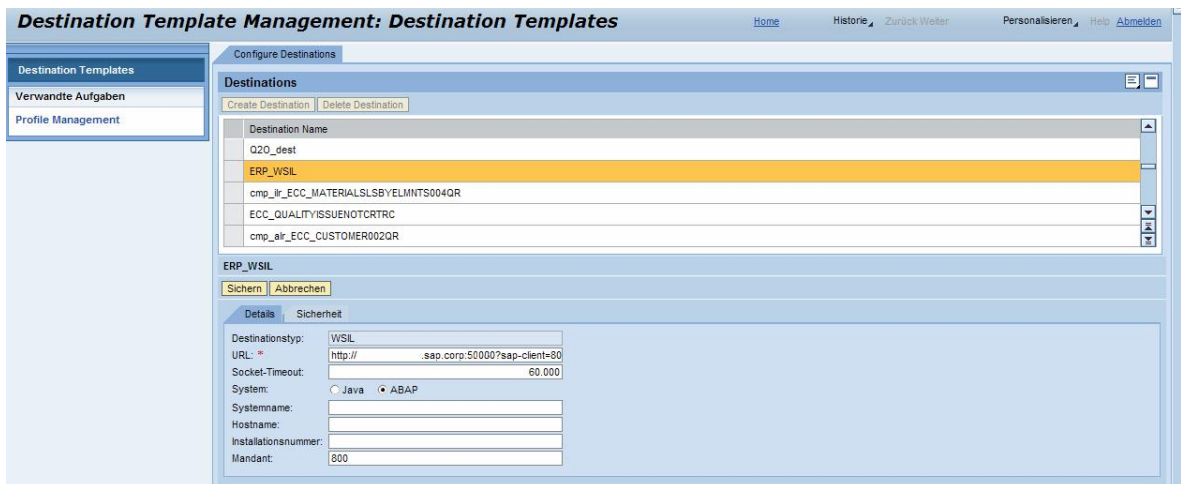


2. Maintain System Global Setting

Use NetWeaver Administrator → SOA Management → System Global Settings. Here you have to set up your Proxy.

3. Set up web required web service destinations.

Go to the SOA Management tab of NetWeaver Administrator and choose Destination Template Management.



You need to set up following destinations, where the naming is very important for mapping services used in Visual Composer models:

eSOA Reference Application	Backend	Destination Type	Destination Name	Backend Web Service URL
QIN	ERP	WSIL	ERP_WSIL	WSIL location of your ERP system; <i>http://<server>:<port>?sap_client=<client#></i>
Customer Fact Sheet				add <client#> as Mandant
SCM ATP Check	SCM	WSDL	LDM_LOC001QR	<i>http://<server>:<port>/sap/bc/srt/xip/scmb/ii_ldm_loc001qr/version2?sap-client=800&wsdl=1.1</i>
			LDM_LOC002QR	<i>.../sap/bc/srt/xip/SCMB/LDM_LOC002QR?sap-client=800&wsdl=1.1</i>
			PDM_PRD001QR	<i>.../sap/bc/srt/xip/SCMB/PDM_PRD001QR?sap-client=800&wsdl=1.1</i>
			PDM_PRD002QR	<i>.../sap/bc/srt/xip/SCMB/PDM_PRD002QR?sap-client=800&wsdl=1.1</i>
			SDM_PARCHKQR	<i>.../sap/bc/srt/xip/SAPAPO/SDM_PARCHKQR?sap-client=800&wsdl=1.1</i>

4. Deploy applications via SAP Netweaver Developer Studio

- a. Window → Show View → Other...
- b. Select *Deploy View* → *Deploy View*
- c. Select *External Deployable Archives*
- d. Click at + to add one or more applications
- e. Choose archive(s) you want to deploy

eSOA Reference Application	archive to deploy application
QIN	sap.com~xapps~qm_integration_impl.ear
Customer Fact Sheet	sap.com~xapps~customer_fact_sheet_impl.ear
SCM ATP Check	sap.com~xapps~scm_atp_3_impl.ear

- f. Right Click on *External Deployable Archives*
- g. Choose *Deploy*
- h. After deploying has finished successfully, the applications are available on your server

5. Now you can start to test your applications.

a. QIN

http://<yourServer>:<Port>/webdynpro/dispatcher/sap.com/xapps~qm_integration_impl/QIN_nested

b. Customer Fact Sheet

http://<yourServer>:<Port>/webdynpro/dispatcher/sap.com/xapps~customer_fact_sheet_impl/customer_fact_sheet

c. SCM ATP Check

http://<yourServer>:<Port>/webdynpro/dispatcher/sap.com/xapps~scm_atp_3_impl/scm_atp_trial

Related Content

Here are some additional related links:

- [The Composition Homepage on SDN](https://www.sdn.sap.com/irj/sdn/nw-composition)
<https://www.sdn.sap.com/irj/sdn/nw-composition>
- [SAP NetWeaver Composition Environment 7.1 product page](https://www.sdn.sap.com/irj/sdn/nw-ce)
<https://www.sdn.sap.com/irj/sdn/nw-ce>
- [Enterprise Services Repository Master Guide](https://www.sdn.sap.com/irj/sdn/go/portal/prtroot/docs/library/uuid/e0301486-758c-2a10-9d84-a195556df422)
<https://www.sdn.sap.com/irj/sdn/go/portal/prtroot/docs/library/uuid/e0301486-758c-2a10-9d84-a195556df422>
- [Deep Dive into the Enterprise Services Repository](https://www.sdn.sap.com/irj/sdn/go/portal/prtroot/docs/library/uuid/c0f90f22-678c-2a10-91a0-f1f1bf7ff191)
<https://www.sdn.sap.com/irj/sdn/go/portal/prtroot/docs/library/uuid/c0f90f22-678c-2a10-91a0-f1f1bf7ff191>

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