

Test/PROD Split Middleware changes

With the test instance migrated to the new environment, there will be a change needed in order for the APIs to work for the respective migrated test instance.

Currently Successfactors supports the following middlewares :

- 1) Dell Boomi
- 2) SAP Process Integration
- 3) SAP Hana Cloud Integration.

Dell Boomi

For Dell Boomi we have multiple options depending on the implementation methodology.

If you/your partner have followed the best practices, then the change is extremely simple and with one change, we will have the entire environment pointing out to test instance.

If you have created a Master Connection and use it across all your Boomi processes, then kindly follow the steps below :

- 1) Go to Atom Management -> Corresponding environment for the test instance.
- 2) Click on Environment Extensions
- 3) Click on Connection settings
- 4) In this selection, select your connection that you have defined for the process.
- 5) Drop down the endpoint and select the preview URL for your DC. Refer to the document on the URL for each DC for the actual API URL to be selected.
- 6) Click on Save.

Process Filter: All [Show Audit Logs](#)

Connection Settings

Dynamic Process Properties

Process Properties

Cross Reference

PGP

Data Maps

Connection: CON EC Employee Data v1.0

Field	Value	Use Default?
Endpoint:	APJ Production Premium (Syd) ▼	<input type="checkbox"/>
Other Endpoint:	<div>USA Production Standard (AZ DC4) https://api4.successfactors.com USA Production Premium (Ashburn DC8) https://api8.successfactors.com USA Preview Standard (AZ DC4) https://api4preview.sapsf.com EMEA Production Standard (Rot DC12) https://api012.successfactors.eu EMEA Production Standard (Amsterdam ASM-5 DC5) https://api5.successfactors.eu EMEA Production Premium (Amsterdam ASM-2 DC2) https://api2.successfactors.eu APJ Production Premium (Sydney DC10) https://api10.successfactors.com China Production (DC15) https://api15.sapsf.cn USA Sales Demo Standard (AZ DC4) https://apisalesdemo4.successfactors.com USA Sales Demo Premium (Ashburn DC8) https://apisalesdemo8.successfactors.com EMEA Sales Demo (Amsterdam ASM-2 DC2) https://apisalesdemo2.successfactors.eu EMEA Sales Demo (deprecated) https://salesdemo.successfactors.eu EMEA Production Premium (deprecated) https://api.successfactors.eu USA Sales Demo Standard (deprecated) https://salesdemo4.successfactors.com Other</div>	
SF API endpoint suffix:		
Enable SF OData Entity Import:		
SF OData endpoint suffix:		
Company Id:		
Username:		
Password:		
Default Batch Size:	200	<input type="checkbox"/>
Default Query Page Size:	200	<input type="checkbox"/>

Now the process which are using this connection will reflect to the new URL and work well.

Dell Boomi : Multiple connections

For Boomi process which are using multiple connections, this is ideally not recommended. This would be a good time to change to using one single connection to multiple operations for various needs in the process.

But in case this is not convenient, you can follow the same process as above for each of the connection that was created, or you can do the change in Build tab and deploy the process again.

There should be individual changes done to each connection created in this case, or else there would be cases where the API call will fail as the old URL will not work for your instance which is migrated.

Connection

Endpoint:	Other ⓘ
Other Endpoint:	USA Production Standard (AZ DC4) https://api4.successfactors.com USA Production Premium (Ashburn DC8) https://api8.successfactors.com USA Preview Standard (AZ DC4) https://api4preview.sapsf.com EMEA Production Standard (Rotterdam DC12) https://api012.successfactors.eu EMEA Production Standard (Amsterdam ASM-5 DC5) https://api5.successfactors.eu EMEA Production Premium (Amsterdam ASM-2 DC2) https://api2.successfactors.eu APJ Production Premium (Sydney DC10) https://api10.successfactors.com China Production (DC15) https://api15.sapsf.cn USA Sales Demo Standard (AZ DC4) https://apisalesdemo4.successfactors.com USA Sales Demo Premium (Ashburn DC8) https://apisalesdemo8.successfactors.com EMEA Sales Demo (Amsterdam ASM-2 DC2) https://apisalesdemo2.successfactors.eu EMEA Sales Demo (deprecated) https://salesdemo.successfactors.eu EMEA Production Premium (deprecated) https://api.successfactors.eu USA Sales Demo Standard (deprecated) https://salesdemo4.successfactors.com Other
SFAPI endpoint suffix:	
Enable SF OData Entity Import:	
SF OData endpoint suffix:	
Company ID:	
Username:	
Password:	
Default Batch Size:	200 ⓘ
Default Query Page Size:	200 ⓘ
Default Async Query Timeout time (async query only):	5 minutes ⓘ
Default Sleep/Wait time (async query only):	15 seconds ⓘ
Object ID Type List:	ⓘ
HTTP/Web Service Timeout:	2 minutes ⓘ

SAP Process Integration

For process integration, there are two variations of adapters that you can use :

- AXIS adapter
- SF adapter

AXIS adapter:

When you use the standard integration scenarios given by SAP, you will have to configure the URL needed for communication.

- 1) Login to the Integration Directory
- 2) Go to the corresponding Communication component/Business System
- 3) Open the corresponding AXIS adapter communication channel
- 4) Here the receiver adapter is configured with your current API URL.
- 5) Change the API URL to the new URL for the preview environment. Refer to the document provided which indicates the new URL for various functionalities including API usage.
- 6) Save and Activate the communication channel.
- 7) Test the scenario
- 8) Now the scenario should be using the new URL

The screenshot shows the 'Display Communication Channel' configuration window in SAP. The 'Parameters' tab is active, showing the following details:

- Communication Channel:** SOAP_Receiver_SuccessFactors_Axis
- Party:**
- Communication Component:** SuccessFactors
- Description:**

Below the tabs, the 'Adapter Type' is set to 'SOAP'. The 'Transport Protocol' is 'HTTP (Axis)', the 'Message Protocol' is 'Axis', and the 'Adapter Engine' is 'Central Adapter Engine'. The 'Receiver' radio button is selected.

Connection Parameters:

- URL:** https://api5.successfactors.eu/sfapi/v1/soap
- Authentication:** None

Outbound Parameters:

- SOAP Version:** 1.1
- SOAP Action:**
- Encapsulation Format:** MIME

XI Parameters:

- ☒ Keep XI Headers

SF adapter

Follow the same steps as above. Ensure that you save and active the Communication channel after the change is done.

HCI

Hana Cloud Integration has the SF adapter in place for integrations between the SF environments and 3rd party/On prem. In order to ensure that the integrations work for HCI, follow the below steps :

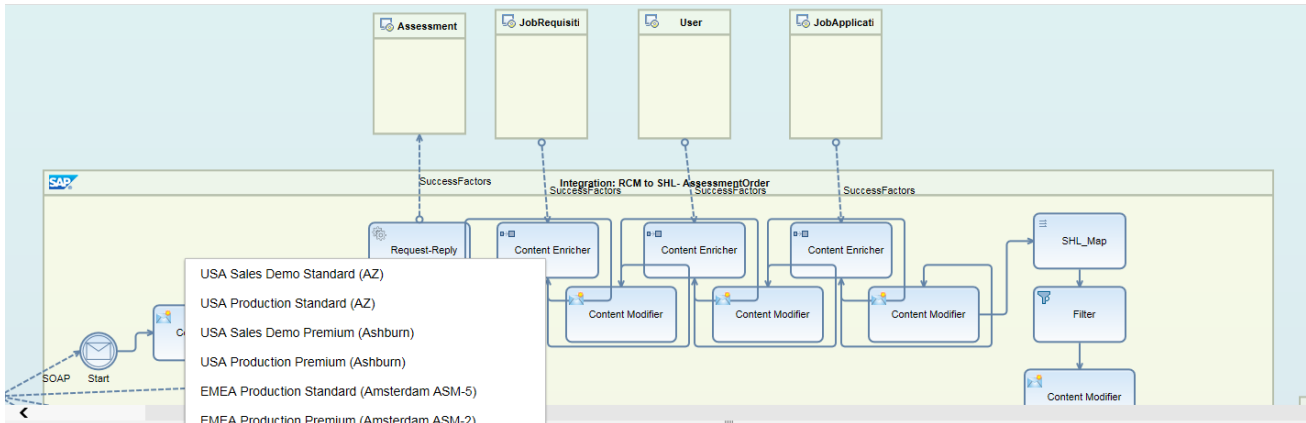
- 1) Open your eclipse editor where the iflow was designed and configured.
- 2) Open the adapter configured.
- 3) Move to the adapter specific tab
- 4) Paste the URL that is needed for the new environment. Save the adapter.
- 5) For the URL , refer to the URL info document provided.
- 6) Validate and deploy the iflow into the environment.
- 7) Test the scenario.

The screenshot shows the 'Adapter Specific' tab in the SAP Cloud Integration configuration interface. Under the 'Connection Details' section, the 'Address' field is populated with 'https://api4.successfactors.com'. Below it, the 'Address Suffix' field is populated with '/sfapi/v1/soap'. A small 'Address' label is visible between the two input fields.

if it is a standard iflow, you can modify the content using the webui

- 1) Access the webUI through using the URL: <https://<tenantURL>/itspaces>
- 2) Go to the Design tab
- 3) Click on the iflow of your downloaded content.
- 4) Select the SF adapter in the logic where used.
- 5) At the bottom right, click on the Edit
- 6) Go to Adapter Specifics tab
- 7) Bring the dropdown for SFSF Data center and select corresponding URL.
- 8) If the URL is not visible, select Other and manually write the URL in the Address bar below.
- 9) Save and deploy
- 10) Go to the Run tab and test your interface.

SF RCM to SHL Assessment



Channel

General

Adapter Sp

CONNECTION DETAILS

SFSF Data Center:

Other

*Address:

https://sfapiqaand.sflab.ondemand.com

Address Suffix:

/sfapi/v1/soap

URL of the SuccessFactors data center

*Credential Name:

sfsf_qabizx

PROCESSING DETAILS

Call Type:

Synchronous Query