



PUBLIC

How-To: MDG – Ariba SLP Integration without using Default Logical Port on SAP S/4 HANA SOAMANAGER configuration

Version 1.1

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Document History

Document Version	Description
1.0	First official release of this guide
1.1	Formal update

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SCOPE

The objective of this document is to describe the steps required to setup the Business Partner integration from S/4 HANA to Ariba SLP without making of the Default Logical Port in the outbound services. This is especially required if the S/4 HANA system is connected to more cloud applications like SAP C4C or Fieldglass. In general, similar steps and configuration can also applied for other integration scenarios like SAP C4C as well. The focus here is however on the S/4 HANA – Ariba SLP – Integration.

The required configuration steps are solely done in SOAMANAGER. This is done without any additional middleware in between but by using Local Integration Scenario configuration and Service Registry features. The routing logic is based on the SOAMANAGER Provider System name and the DRFIMG replication model Business System ID, which must be matching. It is required to configure BP relationship replication using Service Groups as well (even if the Ariba SLP integration is not required) otherwise the Local integration scenario objects generation fails. This is due to the fact, that routing is based on the Service groups MDG_BS_SUPPLIERREPLICATEREQ (replication) & MDG_BS_SUPPLIERREPLICATECONF (confirmation) which contains both interfaces i.e. BP replication, BP relationship replication, BP replication confirmation and BP relationship replication confirmation. However, it is planned to have additional Service Group(s) which contains just the Business Partner services without the corresponding relationship services.

PREREQUISITE

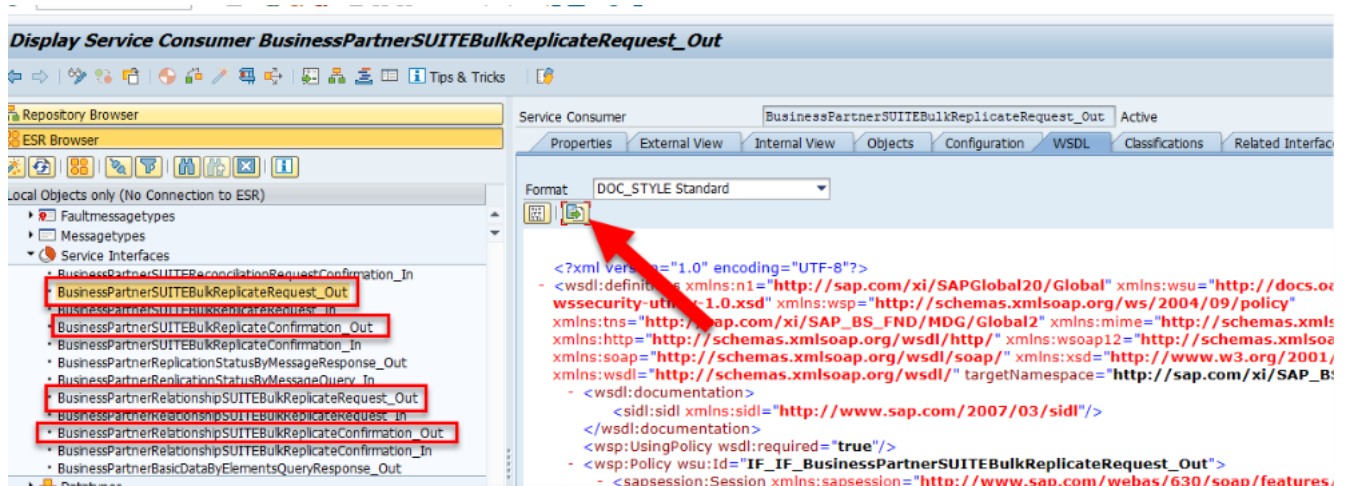
This document just describes what is necessary to setup the communication from S/4 to Ariba SLP without using a Default Logical Port for Business Partner Bulk Replicate Request and Confirmation outbound messages. Everything else must have been setup already according to given guide here:

<https://help.sap.com/viewer/8d1a99db50384446975dcd538b6c37cb/latest/en-US/5f86b3ae17e548978b415ceb683bd864.html>

TECHNICAL DETAILS

Getting WSDL files

1. Download WSDL files from the S/4 HANA system using transaction SPROXY for Service Interfaces
 - a. BusinessPartnerSUITEBulkReplicateRequest_Out
 - b. BusinessPartnerSUITEBulkReplicateConfirmation_Out
 - c. BusinessPartnerRelationshipSUITEBulkReplicateRequest_Out
 - d. BusinessPartnerRelationshipSUITEBulkReplicateConfirmation_Out



2. Add the following elements to WSDL files as described below at the last position within the definition. Replace the tag <Ariba CIG URL> with the actual Ariba CIG URL for Business Partner replication, e.g.
<https://testacig.ariba.com:443/cxf/receiveERPMd>.

a. **BusinessPartnerSUITEBulkReplicateRequest_Out**

```
<wsdl:binding name="CO_MDG_BP_RPLCTRQ" type="tns:BusinessPartnerSUITEBulkReplicateRequest_Out">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
  <wsdl:operation name="BusinessPartnerSUITEBulkReplicateRequest_Out">
    <soap:operation style="document" soapAction=""/>
    <wsdl:input name="BusinessPartnerSUITEBulkReplicateRequest">
      <soap:body use="literal"/>
    </wsdl:input>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="BusinessPartnerSUITEBulkReplicateRequestOut">
  <wsdl:port name="SLP_CIG_PORT" binding="tns:CO_MDG_BP_RPLCTRQ">
    <soap:address location="<Ariba CIG URL>"/>
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

An example of the WSDL file can also be found here:



b. **BusinessPartnerSUITEBulkReplicateConfirmation_Out**

```
<wsdl:binding name="CO_MDG_BP_RPLCTCO" type="tns:BusinessPartnerSUITEBulkReplicateConfirmation_Out">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
  <wsdl:operation name="BusinessPartnerSUITEBulkReplicateConfirmation_Out">
    <soap:operation style="document" soapAction=""/>
    <wsdl:input name="BusinessPartnerSUITEBulkReplicateConfirmation">
      <soap:body use="literal"/>
    </wsdl:input>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="BusinessPartnerSUITEBulkReplicateConfirmationOut">
  <wsdl:port name="SLP_CIG_PORT" binding="tns:CO_MDG_BP_RPLCTCO">
    <soap:address location="<Ariba CIG URL>"/>
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

An example of the WSDL file can also be found here:



BPConf_Out.WSDL

c. **BusinessPartnerRelationshipSUITEBulkReplicateRequest_Out**

```
<wsdl:binding name="CO_MDG_BP_RELATIONSHIP_OUT" type="tns:BusinessPartnerRelationshipSUITEBulkReplicateRequest_Out">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
  <wsdl:operation name="BusinessPartnerRelationshipSUITEBulkReplicateRequest_Out">
    <soap:operation style="document" soapAction=""/>
    <wsdl:input name="BusinessPartnerRelationshipSUITEBulkReplicateRequest">
      <soap:body use="literal"/>
    </wsdl:input>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="BusinessPartnerRelationshipSUITEBulkReplicateRequestOut">
  <wsdl:port name="SLP_CIG_PORT" binding="tns:CO_MDG_BP_RELATIONSHIP_OUT">
    <soap:address location="<Ariba CIG URL>"/>
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

An example of the WSDL file can also be found here:



REL_OUT.WSDL

d. **BusinessPartnerRelationshipSUITEBulkReplicateConfirmation_Out**

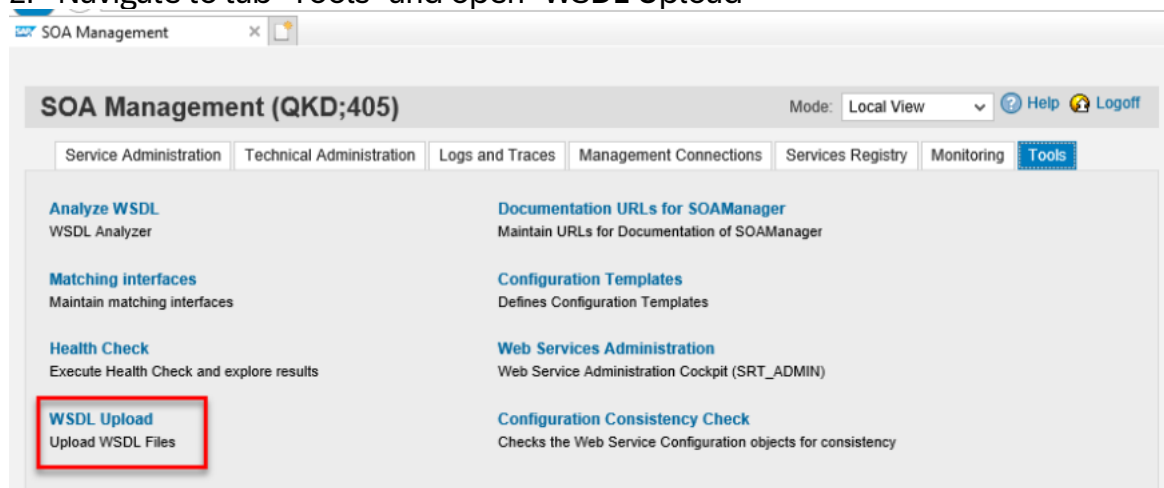
```
<wsdl:binding name="CO_MDG_BP_RELATIONSHIP_CNF_OUT" type="tns:BusinessPartnerRelationshipSUITEBulkReplicateConfirmation_Out">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
  <wsdl:operation name="BusinessPartnerRelationshipSUITEBulkReplicateConfirmation_Out">
    <soap:operation style="document" soapAction=""/>
    <wsdl:input name="BusinessPartnerRelationshipSUITEBulkReplicateConfirmation">
      <soap:body use="literal"/>
    </wsdl:input>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="BusinessPartnerRelationshipSUITEBulkReplicateConfirmationOut">
  <wsdl:port name="SLP_CIG_PORT" binding="tns:CO_MDG_BP_RELATIONSHIP_CNF_OUT">
    <soap:address location="<Ariba CIG URL>"/>
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

An example WSDL file can also be found here:

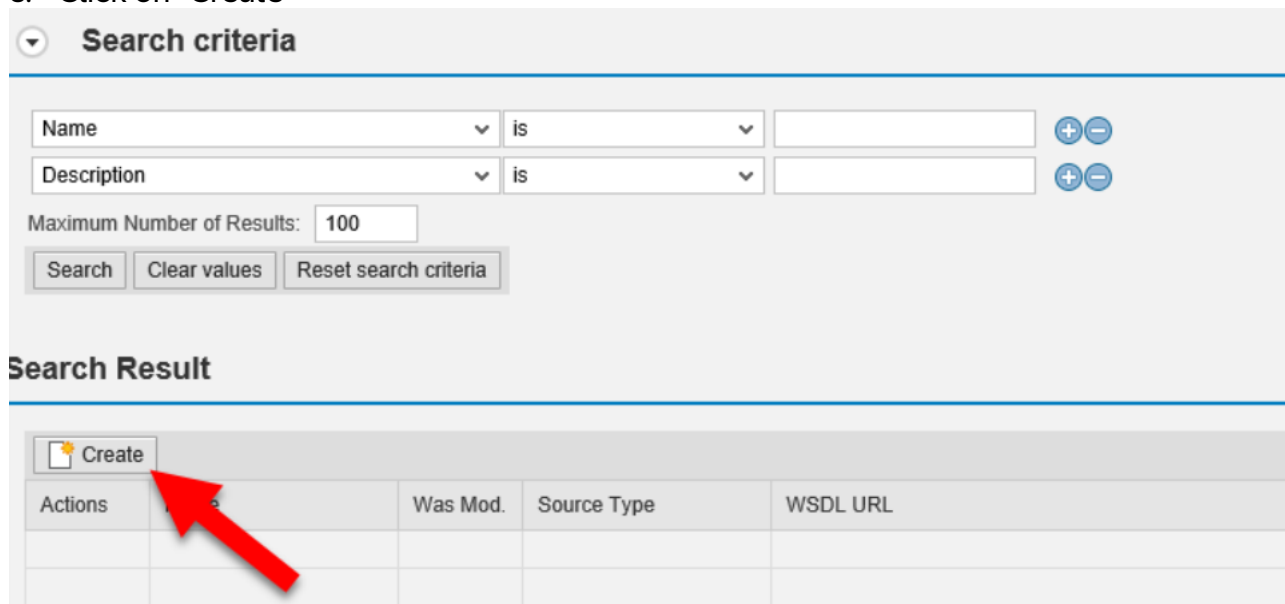


Uploading WSDL files

1. Start transaction SOAMANAGER
2. Navigate to tab “Tools” and open “WSDL Upload”



3. Click on “Create”



4. In the popup, make the following entries

- a. Name – anything you want to identify your WSDL file
- b. Description – any description
- c. WSDL Base: Via File
- d. File: Your File Location

Upload WSDL

Name:

Description:

WSDL Base: ☐ Via HTTP Access ☒ Via File

WSDL Location

File:

5. Repeat steps 3 and 4 of this chapter for four WSDL files
6. The result should be that all files were uploaded

















Search criteria

Name is

Description is

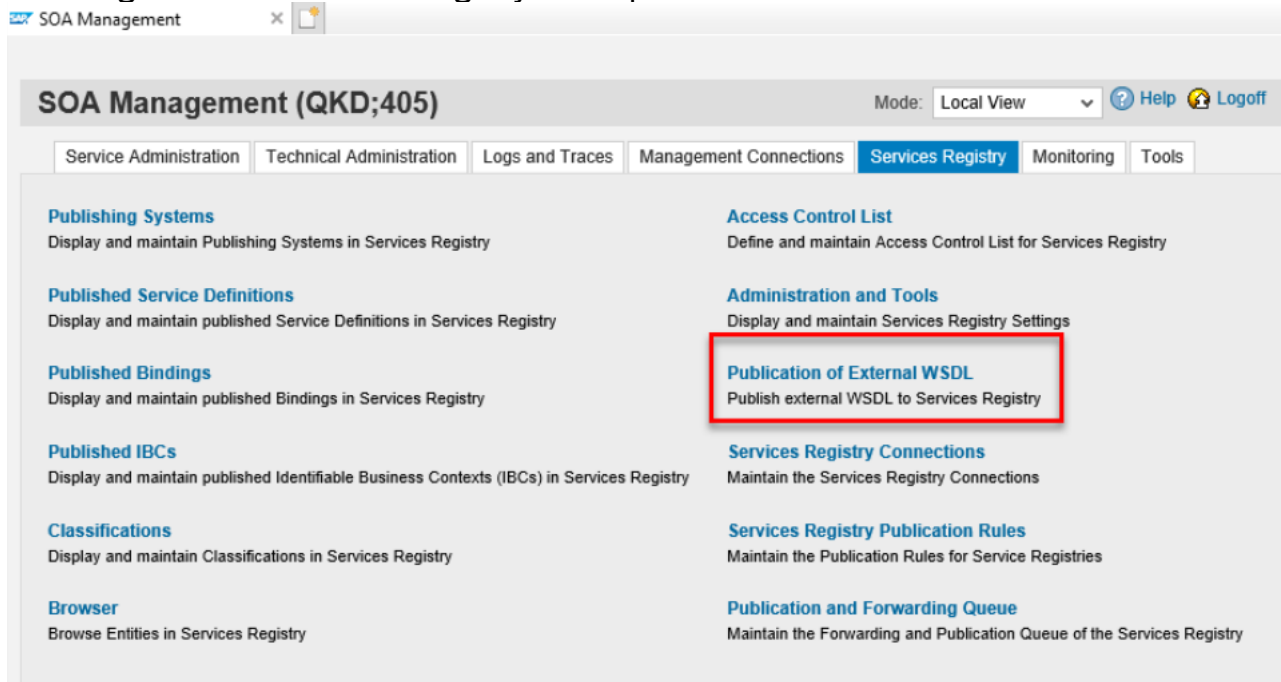
Maximum Number of Results:

Search Result

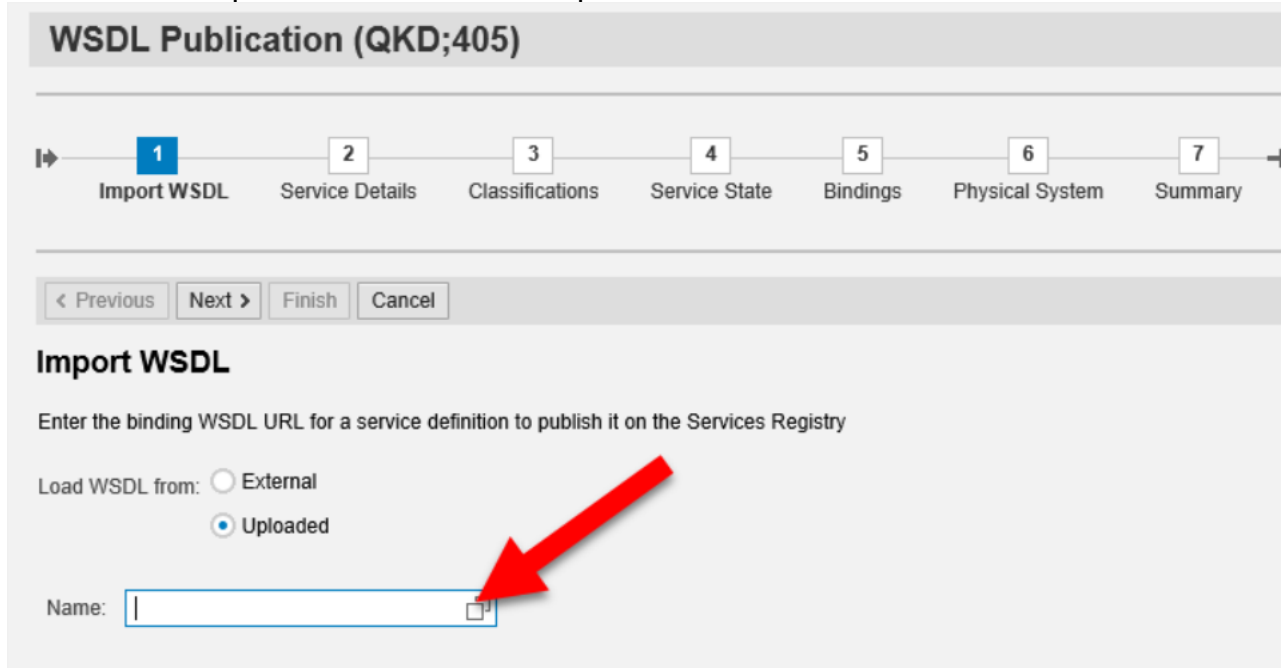
Actions	Name	Was Mod.	Source Type	WSDL URL
   	BP_RQ_TO_ARIBA	<input type="checkbox"/>	File	http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wSDL/ext_BP_RQ_TO_ARIBA?sap-client=405
   	BP_CONF_TO_ARIBA	<input type="checkbox"/>	File	http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wSDL/ext_BP_CONF_TO_ARIBA?sap-client=405
   	BP_REL_RQ_TO_ARIBA	<input type="checkbox"/>	File	http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wSDL/ext_BP_REL_RQ_TO_ARIBA?sap-client=405
   	BP_REL_CONF_TO_ARIBA	<input type="checkbox"/>	File	http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wSDL/ext_BP_REL_CONF_TO_ARIBA?sap-client=405

Register WSDL contents in Services Registry

1. Navigate to tab “Services Registry” and open “Publication of External WSDL”



2. Choose an uploaded WSDL from dropdown list



1 2 3 4 5 6 7			
Import WSDL			
Service Details			
Classifications			
Service State			
Bindings			
Physical System			
Summary			

Search: Name			
Name	WSDL URL	Description	Status
BP_RQ_TO_ARIBA	http://dcqkd.wdf.sap.corp:50000/sap/bc/srt/wsd/xt_BP_RQ_TO_ARIBA?sap-client=405	Business Partner Replicate Request to Ariba	A
BP_CONF_TO_ARIBA	http://dcqkd.wdf.sap.corp:50000/sap/bc/srt/wsd/xt_BP_CONF_TO_ARIBA?sap-client=405	Business Partner Replicate Confirmation to Ariba	A
BP_REL_RQ_TO_ARIBA	http://dcqkd.wdf.sap.corp:50000/sap/bc/srt/wsd/xt_BP_REL_RQ_TO_ARIBA?sap-client=405	Business Partner Relationship Replicate Request to Ariba	A
BP_REL_CONF_TO_ARIBA	http://dcqkd.wdf.sap.corp:50000/sap/bc/srt/wsd/xt_BP_REL_CONF_TO_ARIBA?sap-client=405	Business Partner Relationship Replicate Confirmation to Ariba	A

SOA Management

WSDL Publication (QKD;405)

1 2 3 4 5 6 7

1 Import WSDL
2 Service Details
3 Classifications
4 Service State
5 Bindings
6 Physical System
7 Summary

< Previous
Next >
Finish
Cancel

Import WSDL

Enter the binding WSDL URL for a service definition to publish it on the Services Registry

Load WSDL from: ☐ External ☒ Uploaded

Name:

3. Click “Next” and enter an Internal Name (e.g. same as WSDL name)

SAP SOA Management

WSDL Publication (QKD;405)

1 Import WSDL 2 Service Details 3 Classifications 4 Service State 5 Bindings 6 Physical System 7 Summary

< Previous Next > Finish Cancel

Service Details

WSDL URL: `http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wsdll/ext_BP_RQ_TO_ARIBA?sap-client=405`

Review and change details if necessary

Port Type Name: `BusinessPartnerSUITEBulkReplicateRequest_Out`

Namespace: `http://sap.com/xi/SAP_BS_FND/MDG/Global2`

Internal Name: `BP_RQ_TO_ARIBA`

Description:

Documentation URL:

4. Click “Next”. For Classifications, nothing has to be done, so click “Next” again

The screenshot shows the 'WSDL Publication (QKD;405)' wizard in the SOA Management console. The progress bar at the top indicates seven steps: 1. Import WSDL, 2. Service Details, 3. Classifications (current step), 4. Service State, 5. Bindings, 6. Physical System, and 7. Summary. Below the progress bar, there are navigation buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'. A red arrow points to the 'Next >' button. The main section is titled 'Classifications' and contains the instruction 'Enter Classifications for the Service Definition.' Below this is an 'Add' button and a table with two columns: 'Classification Name' and 'Classification Value'.

5. Set State as “Configured” – the uploaded WSDL files already contain the bindings; those have been added in the previous section

The screenshot shows the 'WSDL Publication (QKD;405)' wizard in the SOA Management console, now at Step 4: Service State. The progress bar shows steps 1 through 7, with Step 4 'Service State' highlighted. The navigation buttons are '< Previous', 'Next >', 'Finish', and 'Cancel'. The main section is titled 'Service State' and contains a 'State' field with two radio buttons: 'Implemented' and 'Configured'. The 'Configured' radio button is selected and highlighted with a red rectangle. To the right of the 'State' field is a 'Description' field with the text 'Configured - Bindings are configured and ready to use.'

6. Click “Next” and check the Bindings. They should correspond to the one in the uploaded WSDL.

SOA Management

WSDL Publication (QKD;405)

1 Import WSDL 2 Service Details 3 Classifications 4 Service State 5 Bindings 6 Physical System 7 Summary

< Previous Next > Finish Cancel

Bindings

Config the bindings that will be published.

Bindings

Binding Name	Binding URL
CO_MDG_BP_RPLCTRQ	http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wsd/xt

Detail of Binding: CO_MDG_BP_RPLCTRQ

General Classification Name

Access URL: https://testacig.ariba.com:443/cxf/receiveERPMD

Binding Name: CO_MDG_BP_RPLCTRQ

Binding Namespace: http://sap.com/xi/SAP_BS_FND/MDG/Global2

Binding Description:

Binding URL: http://ldciqkd.wdf.sap.corp:50000/sap/bc/srt/wsd/xt_BP_RQ_TO_ARIBA?sap-client=405

Service Name: BusinessPartnerSUITEBulkReplica

Service Namespace: http://sap.com/xi/SAP_BS_FND/MDG/Global2

7. Click “Next”. For the first WSDL file, choose “New” Physical System with
 - a. System Name – enter Ariba SLP system ID name from DRF IMG
 - b. Host Name – any name
 - c. System Type – “Third Party”

SOA Management

WSDL Publication (QKD;405)

1 Import WSDL 2 Service Details 3 Classifications 4 Service State 5 Bindings 6 **Physical System** 7 Summary

< Previous Next > Finish Cancel

Physical System

☒ New
☐ Existing

System Name:
Host Name:
System Type: ☐ ABAP
☒ Third Party

8. Click “Next” and “Finish”

WSDL Publication (QKD;405) [Back](#)

1 Import WSDL 2 Service Details 3 Classifications 4 Service State 5 Bindings 6 Physical System 7 **Summary**

< Previous Next > **Finish** Cancel

Summary

Service Details

WSDL URL: http://0d9kd.wdf.sap.corp:50000/sap/bc/srt/wsdl/ext_BP_RQ_TO_ARIBA?sap-client=405
WSDL URL: [BusinessPartnerSUITEBulkReplicateRequest_Out](#)
Namespace: http://sap.com/xi/SAP_BS_FND/MDG/Global2
Internal Name: BP_RQ_TO_ARIBA
Description:
Documentation URL:
State: Configured

Classifications

Classification Name	Classification Value	Description

Physical System

System Key:
System Name: qarealmmdg
Host Name: Ariba CIG
System Type: Third Party

Binding Details

Binding Name	Binding URL

9. Repeat these steps for all WSDL files you uploaded, with the exception of step 7 (create a new physical system for each WSDL) – instead, reuse the

existing one.

SOA Management


WSDL Publication (QKD;405)

1 Import WSDL 2 Service Details 3 Classifications 4 Service State 5 Bindings 6 **Physical System** 7 Summary

< Previous Next > Finish Cancel

Physical System


☐ New
☒ Existing

System Key: 42010AEE1AEF1EEB81F5F3E5080BC38F 

System Name: qarealmmdg

Host Name: Ariba CIG

System Type: Third Party



10. As a result of these steps, new service definitions are generated. Those can be found on the tab “Services Registry” under “Published Service Definitions”

SOA Management (QKD;405) Mode: Local View ? Help ? Log

Service Administration Technical Administration Logs and Traces Management Connections **Services Registry** Monitoring Tools

Publishing Systems
Display and maintain Publishing Systems in Services Registry

Published Service Definitions
Display and maintain published Service Definitions in Services Registry

Published Bindings
Display and maintain published Bindings in Services Registry

Published IBCs
Display and maintain published Identifiable Business Contexts (IBCs) in Services Registry

Classifications
Display and maintain Classifications in Services Registry

Browser
Browse Entities in Services Registry

Access Control List
Define and maintain Access Control List for Services Registry

Administration and Tools
Display and maintain Services Registry Settings

Publication of External WSDL
Publish external WSDL to Services Registry

Services Registry Connections
Maintain the Services Registry Connections

Services Registry Publication Rules
Maintain the Publication Rules for Service Registries

Publication and Forwarding Queue
Maintain the Forwarding and Publication Queue of the Services Registry

SOA Management

Services Registry: Service Definitions (QKD;405)

Search criteria

Internal Name External Name Pattern Publishing System State

Maximum Number of Results: 100

Search Clear values Reset search criteria

Actions	Internal Name	External Namespace	External Name	State	Description	Publishing System
	BUSINESSPARTNERRELATIONSHIPSU1	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerRelationshipSUITEBulkReplicateConfirmation_In	Configured	Inbound Interface for Business Partner Data Replication (Confirmation)	QKD;405) on kddbgld
	BP_REL_CONF_TO_ARIBA	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerRelationshipSUITEBulkReplicateConfirmation_Out	Configured	Inbound Interface for Business Partner Data Replication (Confirmation)	QKD;405) on kddbgld
	BUSINESSPARTNERRELATIONSHIPSU2	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerRelationshipSUITEBulkReplicateRequest_In	Configured	Inbound Interface for Business Partner Data Replication (Request)	QKD;405) on kddbgld
	BP_REL_REQ_TO_ARIBA	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerRelationshipSUITEBulkReplicateRequest_Out	Configured	Inbound Interface for Business Partner Data Replication (Request)	QKD;405) on kddbgld
	BUSINESSPARTNERSUITEBULKREPLIC1	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerSUITEBulkReplicateConfirmation_In	Configured	Inbound Interface for Business Partner Data Replication (Confirmation)	QKD;405) on kddbgld
	BP_CONF_TO_ARIBA	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerSUITEBulkReplicateConfirmation_Out	Configured	Inbound Interface for Business Partner Data Replication (Confirmation)	QKD;405) on kddbgld
	BUSINESSPARTNERSUITEBULKREPLIC	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerSUITEBulkReplicateRequest_In	Configured	Inbound Interface for Business Partner Data Replication (Request)	QKD;405) on kddbgld
	BP_REQ_TO_ARIBA	http://sap.com/xi/SAP_BS_FND/MDG/Global2	BusinessPartnerSUITEBulkReplicateRequest_Out	Configured	Inbound Interface for Business Partner Data Replication (Request)	QKD;405) on kddbgld
	KEYMAPPINGBULKREPLICATECONFIRM	http://sap.com/xi/SAP_BS_FND/MDG/Global2	KeyMappingBulkReplicateConfirmation_In	Configured	Key Mapping Confirmation Inbound	QKD;405) on kddbgld

Configure Ariba CIG system access

1. Navigate to tab “Technical Administration” and open “Profiles”

SOA Management

SOA Management (QKD;405)

Mode: Local View

Help Logoff

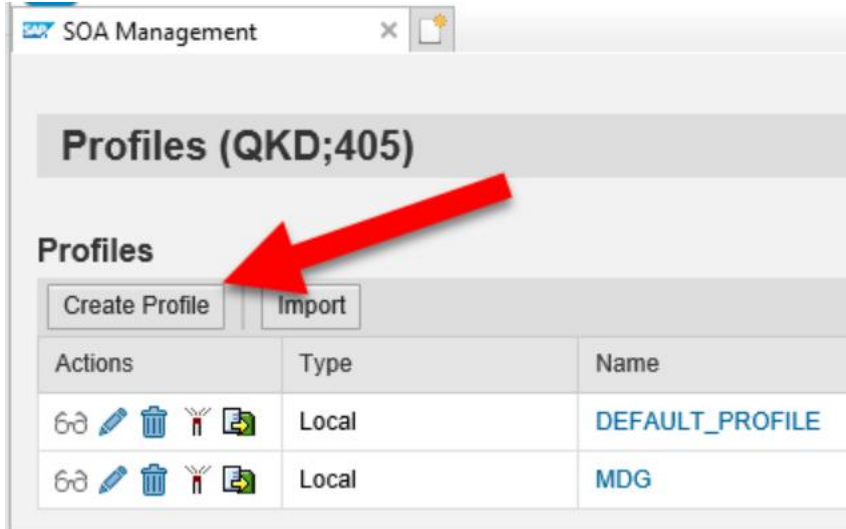
Service Administration **Technical Administration** Logs and Traces Management Connections Services Registry Monitoring Tools

SAP Client Settings
Define general settings for the current SAP client

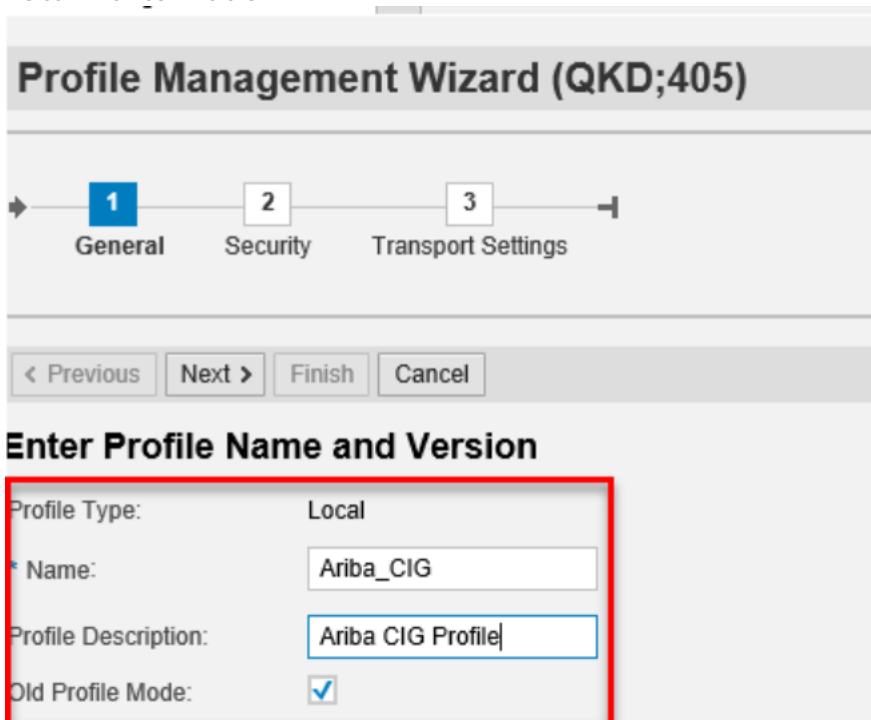
Profiles
Define common security settings for business scenario configuration

Provider Systems
Define provider systems for usage in business scenario configuration

2. Click on “Create Profile”



3. Enter a Name and a Profile Description for accessing Ariba CIG and select “Old Profile Mode”



4. Click “Next” and fill out the Security Settings as follows

- Authentication Method: User ID/Password
- Identifiable Business Context: No IBC Determination
- Transport Security: Select “Secured Communication”

SOA Management

Profile Management Wizard (QKD;405)

1 General 2 Security 3 Transport Settings

< Previous Next > Finish Cancel

Enter Security Settings

Authentication

Authentication Method:

- ☒ User ID/Password
- ☐ X.509 SSL Client Certificate
- ☐ Single Sign-On using SAP Assertion Ticket
- ☐ User ID/Password Token
- ☐ X.509 Certificate
- ☐ Single Sign-On using SAML

Identifiable Business Context

IBC Determination Type: No IBC Determination

Transport Security

☒ Secured Communication

5. Click “Next”. In case Proxy Settings are used, fill them in. Otherwise leave them empty & click “Finish”

SOA Management

Profile Management Wizard (QKD;405)

1 General 2 Security 3 Transport Settings

< Previous Next > Finish Cancel

Enter Transport Settings

Transport Binding

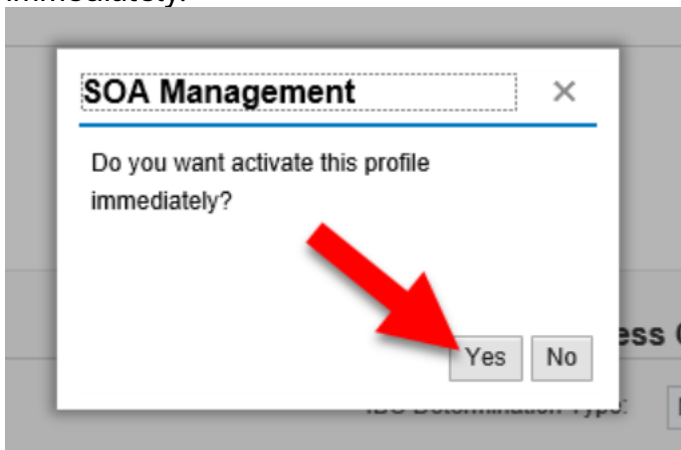
Proxy Host:

Proxy Port:

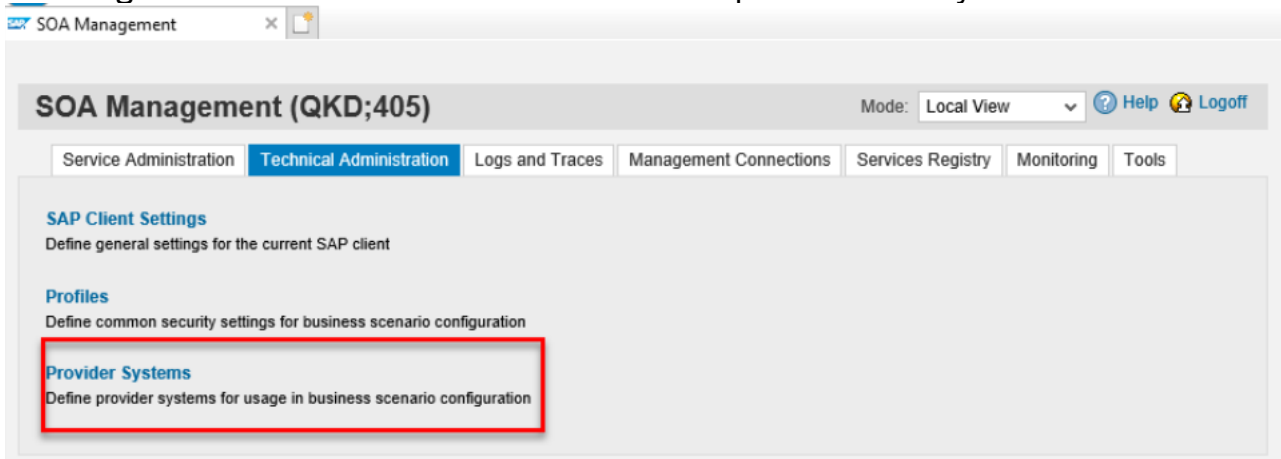
Proxy User:

Proxy Password:

6. Confirm the popup with “Yes” if you want the profile to be activated immediately.



7. Navigate to tab “Technical Administration” and open “Provider Systems”



8. Choose “Create”



9. Choose
- Name: the Ariba SLP system ID used in DRF IMG (**this is important! Otherwise**

the integration won't work!)

- Description – any meaningful description
- Profile Name – choose the Profile created earlier from the dropdown menu

The screenshot shows the 'Enter Provider System name and Profile name' step of a wizard. It has three tabs: 'General' (selected), 'Services Search Settings', and 'Applications'. Navigation buttons at the top include '< Previous', 'Next >', 'Finish', and 'Cancel'. The main section is titled 'Provider System' and contains the following fields:

- Name:** A text input field containing 'qarealmmdg'.
- Description:** A text input field containing 'Ariba CIG'.
- Profile Name:** A dropdown menu with 'Ariba_CIG' selected.
- Profile Version:** A text input field containing '1'.

10. Click “Next”. Set the Services Registry as follows

- Select “Use Services Registry”
- Services Registry: Choose SR_LOCAL from dropdown
- SLD Identifier: open F4-Help and choose SLD Identifier (Physical System) created earlier from the list

The screenshot shows the 'Provider Systems Wizard (QKD;405)' at the 'Services Registry' step. The wizard has three tabs: 'General', 'Services Search Settings' (selected), and 'Applications'. Navigation buttons include '< Previous', 'Next >', 'Finish', and 'Cancel'. The main section is titled 'Enter connection settings for searching web services and credentials to access service metadata like WSDL and WSIL'.

Services Registry

- ☒ Use Services Registry
- Services Registry: A dropdown menu with 'SR_LOCAL' selected.
- SLD Identifier: A text input field.

Logical System

- Logical system: A text input field.

WSIL Service

- ☒ Use WSIL
- Access Url for WSIL: A text input field.

A pop-up window titled 'Search: SLD Identifier' is open, showing a table with the following data:

System ID	Host Name	SLD Identifier
qarealmmdg	Ariba CIG	42010AEE1AEF1EEB81F5F3E5080BC38F
QKD	lddbqkd	405.SystemName.QKD.SystemNumber.0020270862.SystemHome.lddbqkd

A red arrow points to the first row of the table, which is highlighted with a red border.

11. Furthermore, the following settings are required:

- Deselect “Use WSIL”
- WSDL Document Access: provide a user who can access the WSDL files and is assigned to role SAP_BC_WEBSERVICE_CONFIGURATOR; in SAP test systems, typically the WSAPPLUSER has sufficient authorizations
- Search Granularity: select “Tolerant Search”

Provider Systems (QKD;405)

Edit Save Activate Cancel

General **WSDL Access** IBC References Business Applications Administrative Information

Services Registry

☒ Use Services Registry
Services Registry: SR_LOCAL
SLD Identifier: 42010AEE1AEF1EEB81F5F3E5080BC38F

Logical System

Logical system:

WSIL Service

☐ Use WSIL

Access URL for WSIL:
Format of WSIL URL of ABAP backend: http://<hostname>:<port>/sap/bc/srt/wsdl?sap-client=<client>

User for WSIL:
Password for WSIL:
Check

WSDL Documents

User for WSDL Access: wsappluser
Password for WSDL Access: *****

Search Granularity

☒ Tolerant search

IBC Determination

☐ Supress Sending of IBC SOAP Headers

12. Click “Next” and click “Retrieve Business Applications”

Provider Systems Wizard (QKD;405)

1 2 3
General Services Search Settings **Applications**

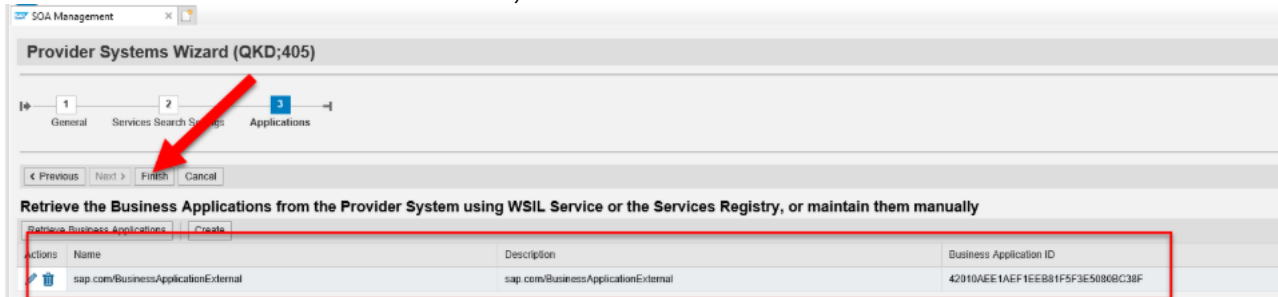
< Previous Next > Finish Cancel

Retrieve the Business Applications from the Provider System using WSIL Service or the Services Registry, or maintain them manually

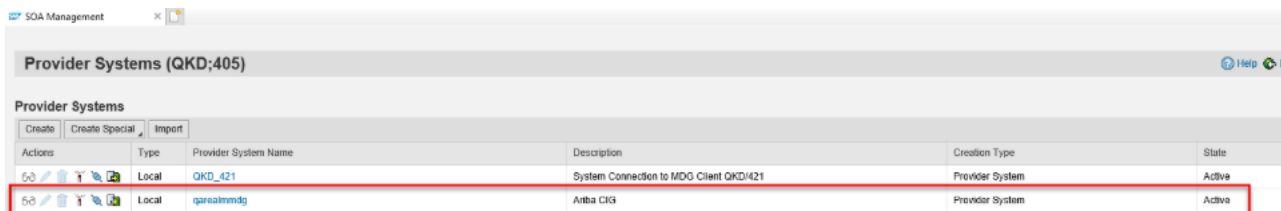
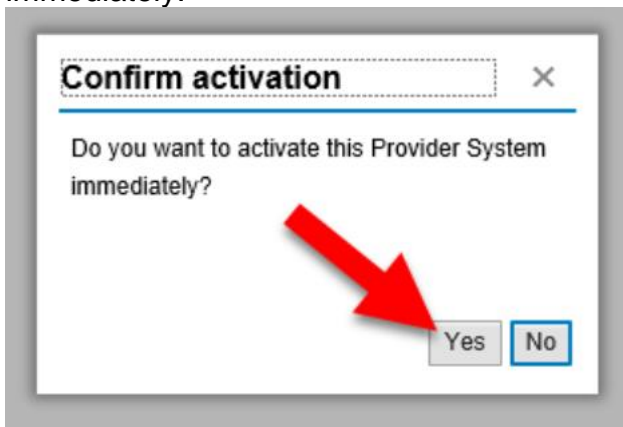
Retrieve Business Applications Create

Actions	Name	Description	Business Applicat
The table does not contain any data			

13. When those have been retrieved, click on “Finish”



14. Confirm the popup with “Yes” if you want the Provider System to be activated immediately.



15. Navigate to tab “Service Administration” and open “Logon Data Management”

SOA Management (QKD;405)

Mode: Local View

Help Logoff

Service Administration

Technical Administration

Logs and Traces

Management Connections

Services Registry

Monitoring

Tools

Identifiable Business Context

Display and maintain Identifiable Business Contexts (IBCs)

Identifiable Business Context Reference

Display and maintain Identifiable Business Contexts references (IBC reference)

Design Time Cache

Display central design time cache

Web Service Configuration

Configure service definitions, consumer proxies and service groups

Simplified Web Service Configuration

Configure service definitions for Web service consumers with limited capabilities

Logon Data Management

Define logon data used by business scenario configuration

Pending Tasks

Process pending tasks generated by business scenario configuration

Local Integration Scenario Configuration

Configure multiple service definitions and service groups supporting change management

Logical Determination of Receiver using Service Groups

Define rules for determining receiver IBC reference during service group runtime

Logical Determination of Receiver, Sender and Authentication using Consumer Factories

Define rules for determining receiver IBC, sender IBC and authentication method during consumer factory runtime

Web Service Isolation

Tool to isolate service definitions and consumer proxies

16. Click on “Create”

SOA Management

×

Logon Data Management (QKD;405)

Maintenance

Assignments

Logon Data

Create

Actions	Type	Logon Data Name	Description
	Local	SERVICE_USER	Generic Service User

17. Provide a meaningful Logon Data Name & Description

SAP SOA Management

! Blanks are not permitted in string "ARIBA CIG" - [Display Help](#)

Logon Data Maintenance Wizard (QKD;405)

1 General 2 Credentials

< Previous Next > Finish Cancel

Enter type, name and description for logon data

* Logon Data Name: ARIBA_CIG

Description: Logon for Ariba CIG (qarealmmdg)

18. Provide Logon Data for Ariba CIG by entering User Name & Password

SAP SOA Management

Logon Data Maintenance Wizard (QKD;405)

1 General 2 Credentials

< Previous Next > Finish Cancel

Select an authentication method and specify details if needed

* Authentication Method: User/Password or X.509

User Name: P002718

Password:

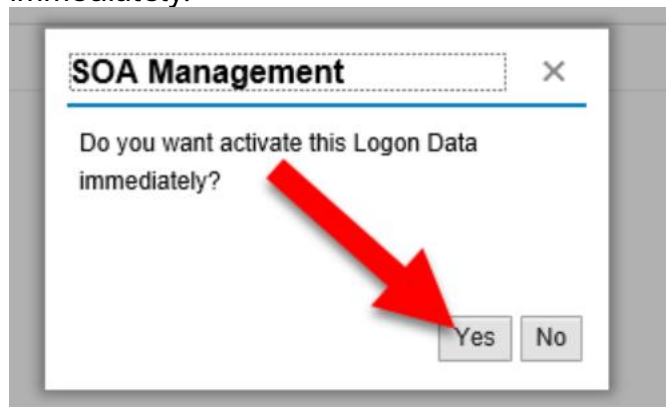
Confirm Password:

X.509 SSL Client Certifi... :

Signature PSE:

Encryption Certificate:

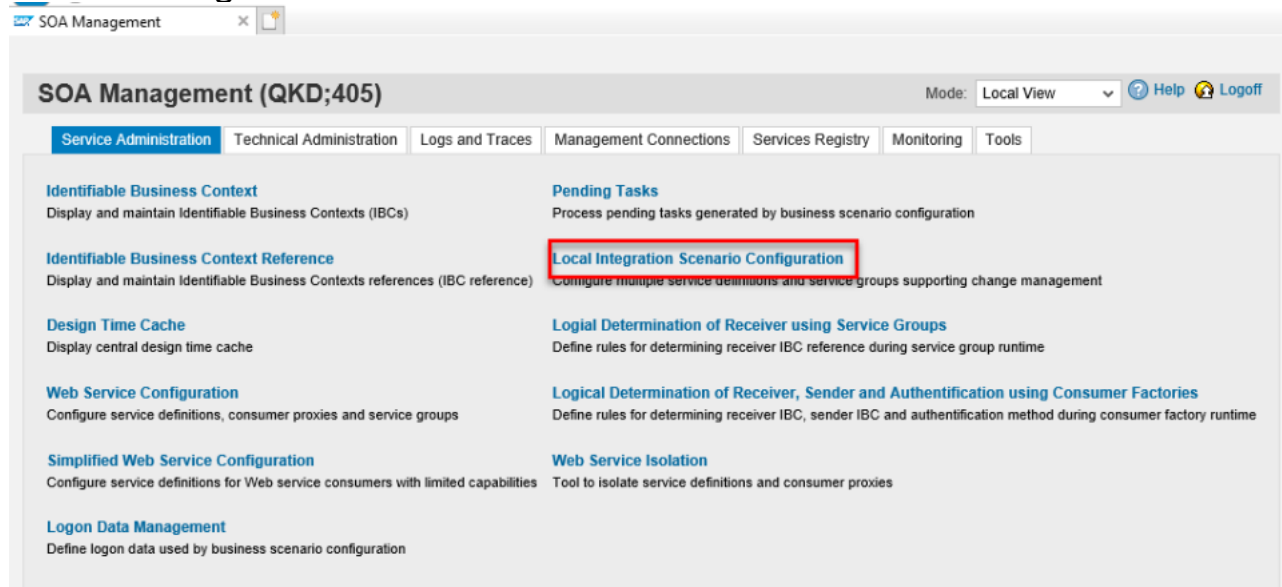
19. Click “Finish” and confirm the popup with “Yes” to activate the Logon Data immediately.



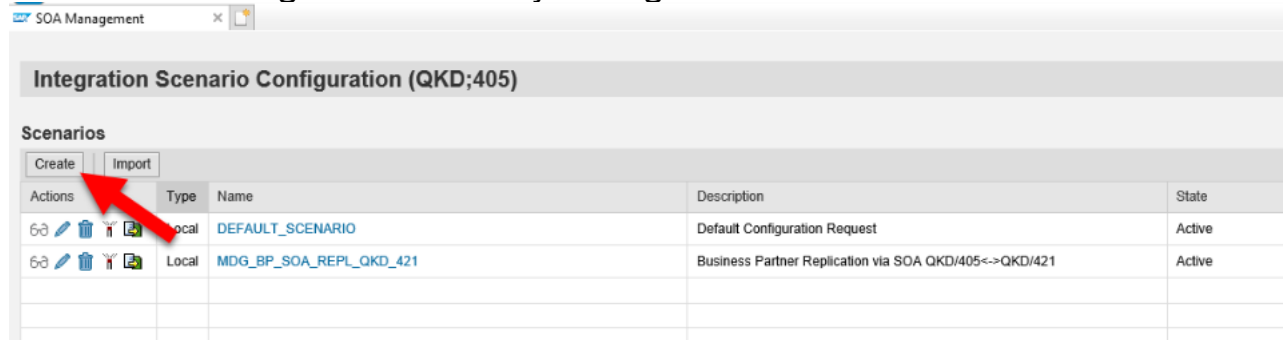
Configure Local Integration Scenario

The local integration scenario will only contain the outbound messages from S/4 HANA to Ariba CIG. Generally, it would also be possible to configure the corresponding inbound services as well (like e.g. described in the MDG Configuration Guides). However, the current S/4 HANA / MDG – Ariba SLP – integration requires an alternative access URL in its configuration like /sap/bc/srt/xip/arba/businesspartnersuitereplicateconfirmation/405. In an automatically created service configuration through a Local Integration Scenario, this alternative access URL cannot be set. Therefore, the configuration for the inbound services must still be done (manually) outside the Local Integration Scenario Configuration.

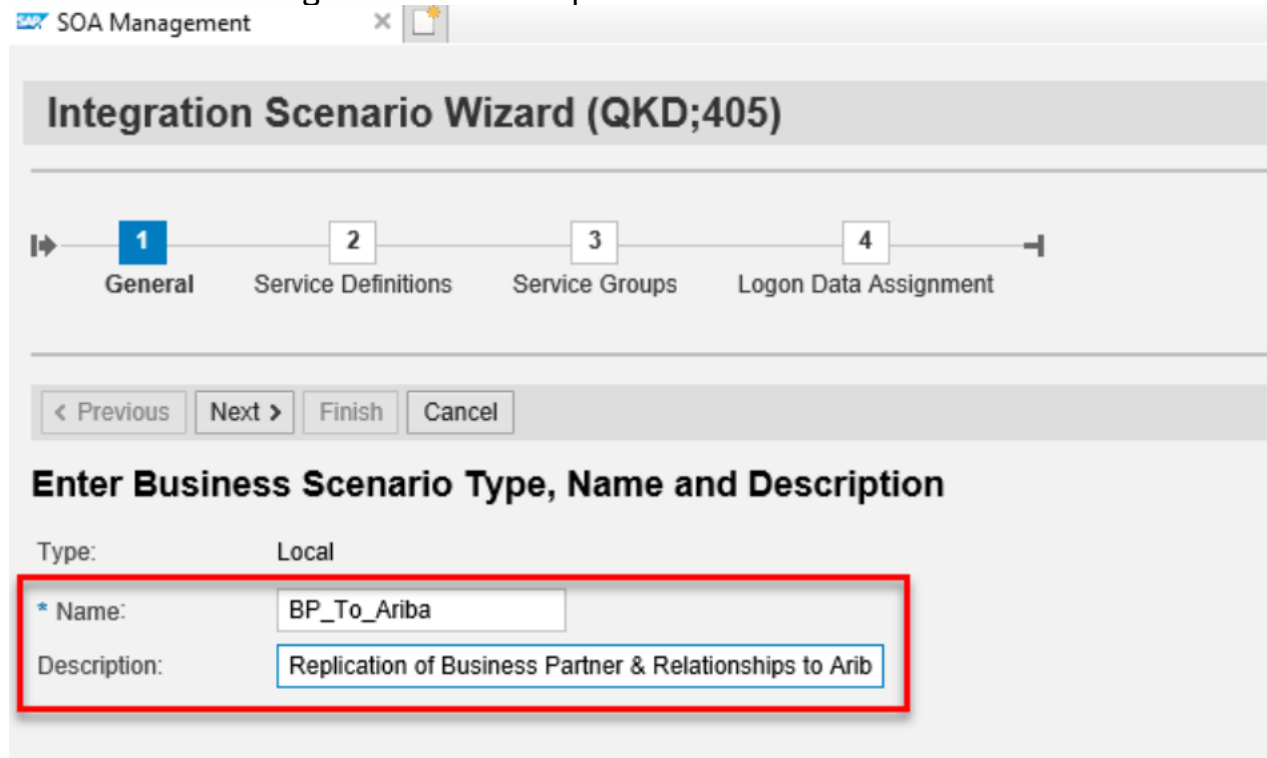
1. Navigate to tab “Service Administration” and open “Local Integration Scenario Configuration”



2. Create new integration scenario by clicking “Create”



3. Provide a meaningful Name & Description



4. Click “Next”. Since no inbound services shall be configured here (explanation see above), click “Next”

SAP SOA Management

Integration Scenario Wizard (QKD;405)

1 General 2 **Service Definitions** 3 Service Groups 4 Logon Data Assignment

< Previous **Next >** Finish Cancel

Select service definitions and assign profiles

Add Remove Assign Profiles

Internal Name	External Name	External Namespace	Description
The table does not contain any data			

5. Add the following Service Groups
- MDG_BS_SUPPLIERREPLICATECONF
 - MDG_BS_SUPPLIERREPLICATEREQ

SAP SOA Management

Integration Scenario Wizard (QKD;405)

1 General 2 Service Definitions 3 **Service Groups** 4 Logon Data Assignment

< Previous Next Finish Cancel

Select service groups and assign IBC references in provider systems

Add Remove Assign IBC Reference Use XI Protocol

Internal Name	Description	Provider IBC Reference	Communication Protocol	Is Configured
MDG_BS_SUPPLIERREPLICATECONF	Confirmation of Supplier Repl.		Use WS Protocol	<input type="checkbox"/>
MDG_BS_SUPPLIERREPLICATEREQ	MDG SUPPLIER REPLICATE REQUEST		Use WS Protocol	<input type="checkbox"/>

6. Assign IBC Reference to each service group. Execute search, chose Ariba CIG System from the search result, and click “Assign to Service Group”

Integration Scenario Wizard (QKD;405)

1 General 2 Service Definitions 3 **Service Groups** 4 Logon Data Assignment

< Previous Next > Finish Cancel

Select service groups and assign IBC reference

Add Remove **Assign IBC Reference** Use XI Protocol

Internal Name

- MDG_BS_SUPPLIERREPLICATECONF
- MDG_BS_SUPPLIERREPLICATEREQ

Assign Provider IBC Reference

Search criteria

Name is System is Valid From is Valid To is Last Change is Type is Client

Maximum Number of Results: 100 Saved Search: [icon] [icon]

Search Clear values Reset search criteria

Search Results

Name	Type	Type Desc...	System	Description	Applic...	Is...
QKD_421	CLIENT		QKD_421	Automatica...	BC-ES...	<input checked="" type="checkbox"/>
qarealmmdg	CLIENT		qarealmmdg	Automatica...	BC-ES...	<input checked="" type="checkbox"/>

2 Assign to Service Group Cancel

7. The result should look like this. Click “Next”.

Integration Scenario Wizard (QKD;405)

1 General 2 Service Definitions 3 **Service Groups** 4 Logon Data Assignment

< Previous Next > Finish Cancel

Select service groups and assign IBC references in provider systems

Add Remove Assign IBC Reference Unassign IBC Reference Use XI Protocol

Internal Name	Description	Provider IBC Reference	Communication Protocol	Is Config
MDG_BS_SUPPLIERREPLICATECONF	Confirmation of Supplier Repl.	CLIENT / qarealmmdg / qarealmmdg	Use WS Protocol	<input type="checkbox"/>
MDG_BS_SUPPLIERREPLICATEREQ	MDG SUPPLIER REPLICATE REQUEST	CLIENT / qarealmmdg / qarealmmdg	Use WS Protocol	<input type="checkbox"/>

8. Select the Logon Data for each Service Group from the dropdown. Choose the Logon Data created earlier...

Integration Scenario Wizard (QKD;405)

1 General 2 Service Definitions 3 Service Groups 4 **Logon Data Assignment**

< Previous Next > Finish Cancel

Logon Data Assignment

Service Group	Provider System	Logon Data
MDG_BS_SUPPLIERREPLICATECONF	CLIENT / qarealmmdg / qarealmmdg	ARIBA_CIG
MDG_BS_SUPPLIERREPLICATEREQ	CLIENT / qarealmmdg / qarealmmdg	SERVICE_USER

9. ...and click “Finish”

SOA Management

Integration Scenario Wizard (QKD;405)

1 General 2 Service Definitions 3 Service Groups 4 Logon Data Assignment

← Previous Next > **Finish** Cancel

Logon Data Assignment

Service Group	Provider System	Logon Data
MDG_BS_SUPPLIERREPLICATECONF	CLIENT / qarealmmdg / qarealmmdg	ARIBA_CIG
MDG_BS_SUPPLIERREPLICATEREQ	CLIENT / qarealmmdg / qarealmmdg	ARIBA_CIG

10. Confirm the popup with “Yes” if you want the integration scenario to be activated immediately.

SOA Management

Do you want activate this Integration Scenario immediately?

Yes No

11. Activate the pending task. Navigate to them by clicking the link:

SOA Management

Integration Scenario Configuration (QKD;405)

Pending Tasks

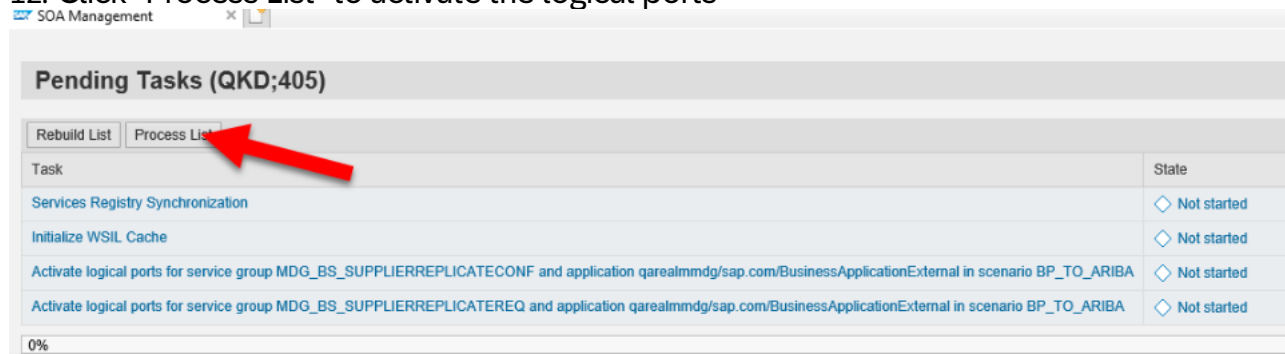
⚠ There are Pending Tasks. [Click here to open](#)

Scenarios

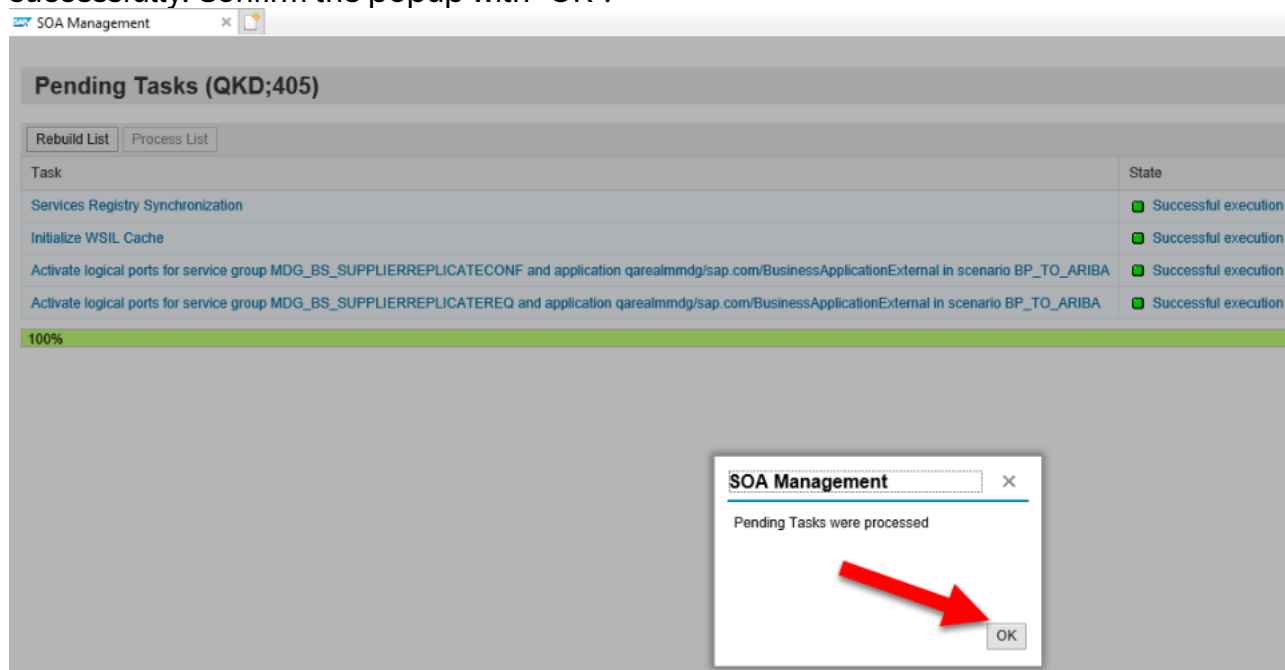
Create Import

Actions	Type	Name	Description	State
63 64 65 66 67 68	Local	DEFAULT_SCENARIO	Default Configuration Request	Active
63 64 65 66 67 68	Local	MDG_BP_SOA_REPL_QKD_421	Business Partner Replication via SOA QKD/405<->QKD/421	Active
63 64 65 66 67 68	Local	BP_To_Ariba	Replication of Business Partner & Relationships to Ariba (outbound only)	Active

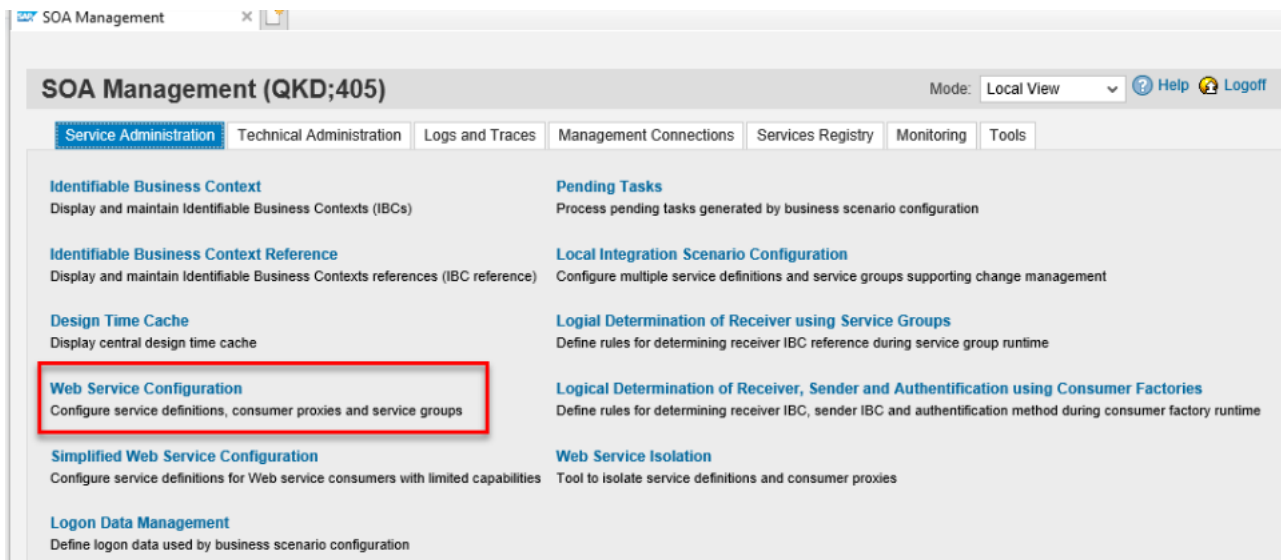
12. Click “Process List” to activate the logical ports



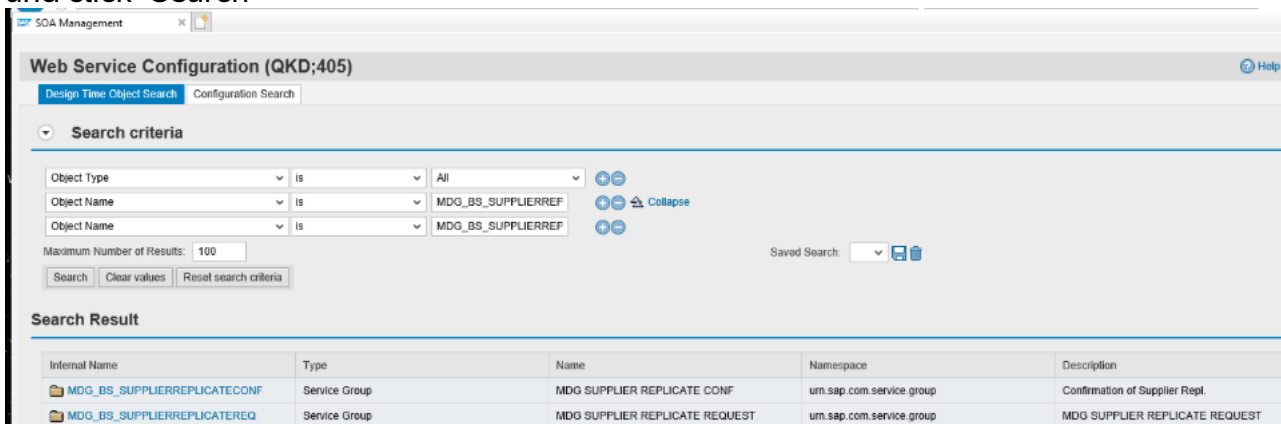
13. If everything has been done properly, the logical ports should be activated successfully. Confirm the popup with “OK”.



14. If everything has been configured as desired, navigate to tab “Service Administration” and open “Web Service Configuration



15. As search criteria, enter the Service Groups
 - MDG_BS_SUPPLIERREPLICATECONF
 - MDG_BS_SUPPLIERREPLICATEREQ
 and click “Search”



16. Click on “MDG_BS_SUPPLIERREPLICATECONF” to verify the two created Web Service (in this case the confirmation messages) configurations for the Ariba system

















SOA Management

Web Service Configuration (QKD;405)

Details of Service Group: MDG_BS_SUPPLIERREPLICATECONF

Overview **Configurations** Classifications Consumer Proxies

Logical Ports

Business Appl. ID (Provider IBC Reference)	Consumer Proxy Name	Type	Actions	Logical Port	State	Description	Creation Type
CLIENT / QKD_421 / QKD_421	CO_MDG_BP_RELATIONSHIP_CNF_OUT	Local	  	42010AEE1AEF1EDA68E6C3C4B338E04	Active		Created based on profile MDG/1/Local
		Local					
	CO_MDG_BP_RPLCTCO	Local	  	42010AEE1AEF1EDA68E6BA45ECA0E04	Active		Created based on profile MDG/1/Local
		Local					
CLIENT / qarealmmdg / qarealmmdg	CO_MDG_BP_RELATIONSHIP_CNF_OUT	Local	  	42010AEE1AEF1EEB81FB703856ACA39A	Active		Created based on profile Ariba_CIG/1/Local
		Local					
	CO_MDG_BP_RPLCTCO	Local	  	42010AEE1AEF1EEB81FB701E361CC38A	Active		Created based on profile Ariba_CIG/1/Local
		Local					

17. Click on “MDG_BS_SUPPLIERREPLICATEREQ” to verify the two created Web Service (in this case the request messages) configurations for the Ariba system
















SOA Management

Web Service Configuration (QKD;405)

Details of Service Group: MDG_BS_SUPPLIERREPLICATEREQ

Overview **Configurations** Classifications Consumer Proxies

Logical Ports

Business Appl. ID (Provider IBC Reference)	Consumer Proxy Name	Type	Actions	Logical Port	State	Description	Creation Type
CLIENT / QKD_421 / QKD_421	CO_MDG_BP_RELATIONSHIP_OUT	Local	  	42010AEE1AEF1EDA68E6D0A2F834E04	Active		Created based on profile MDG/1/Local
		Local					
	CO_MDG_BP_RPLCTRQ	Local	  	42010AEE1AEF1EDA68E6F0835DE8E04	Active		Created based on profile MDG/1/Local
		Local					
CLIENT / qarealmmdg / qarealmmdg	CO_MDG_BP_RELATIONSHIP_OUT	Local	  	42010AEE1AEF1EEB81FB70674152039A	Active		Created based on profile Ariba_CIG/1/Local
		Local					
	CO_MDG_BP_RPLCTRQ	Local	  	42010AEE1AEF1EEB81FB70674153039A	Active		Created based on profile Ariba_CIG/1/Local
		Local	