



Technical Setup Guide **2-System-Landscape**

WECO E-Commerce™ **Sales&Service**






SAP® Certified
Powered by SAP NetWeaver®

SAP® Certified
Integration with Applications on SAP HANA®

Release 8.00

Date 09/06/2018

Icons

Icon	Meaning
	Caution
	Example
	Advise
	Source Code
	Tipp

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Introduction

This document describes the required activities for the technical setup of WECO E-Commerce in a 2-system landscape (backend components run on SAP ERP system, whereas frontend components run on SAP Netweaver WebAs system).

Activities on ERP System

Create RFC Connection to WebAs

A RFC connection pointing to the WebAs is required to publish the catalogue and customizing data.

On WebAs

On the WebAs system create a technical user of type 'Communication' or 'Service'. This user does not need special authorizations.

On ERP

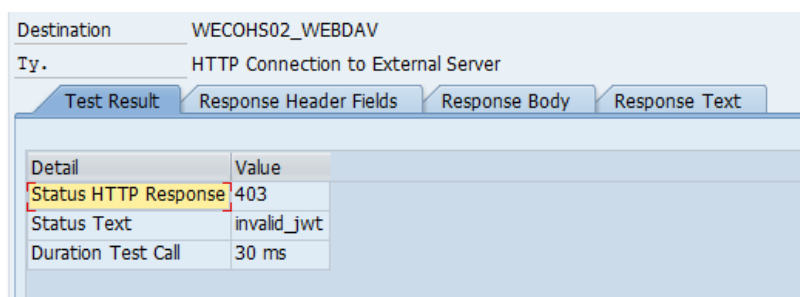
On the ERP system create a RFC connection (type '3') pointing to the WebAs. In the tab 'Login Data' enter the username and password of the technical user created on the WebAs.

Create RFC Connection for WebDAV

A HTTP RFC connection to the WECO WebDAV SICF alias on the WebAs is required (see chapter 'Activities on WebAs' → 'Create External Aliases') in order to maintain SAP MIME files. Therefore create a RFC connection of type 'G' which points to the WECO WebDAV SICF Alias on your WebAs. As path prefix enter '/webdav'.

This connection will be also created on the WebAs. Thus, please make sure that both connections have the same name.

The connection test should deliver following result:



The screenshot shows the SAP RFC connection test result interface. The destination is 'WECOHS02_WEBDAV' and the type is 'HTTP Connection to External Server'. The test result tab is active, showing a table with the following details:

Detail	Value
Status HTTP Response	403
Status Text	invalid_jwt
Duration Test Call	30 ms

Authorizations for Web shop Administrators

Web shop administrators and WECO consultants need various authorizations for WECO E-Commerce in order to customize and set up the software.

Create an authorization role in your own namespace by copying following WECO authorization role template:

/WECO/SHP_ADMIN_ALL	WECO Admin role Sales&Service Backend
/WECOW_SHP_ADMIN_ALL	WECO Admin role Sales&Service WAS

Assign the new authorization role to all administrators and WECO consultants.

Create Authorization Roles for Web shop Users

Create authorization roles for web shop users in your own namespace with transaction PFCG. You can copy following WECO authorization role templates:

/WECO/SHP_B2B_ALL	Web shop User Standard
/WECO/SHP_B2B_ANONYM	Web shop Guest User

Create Reference Users for Web shop Users

Reference users are SAP named users of type "R" (Reference) and are used as a bridge to SAP authorization maintenance. Generally speaking, each reference user needs at least one authorization role and is then assigned to one or multiple web shop users.

Proposed reference Users:

eshop_b2b	WECO E-Commerce B2B web shop user (customers)
eshop_guest	WECO E-Commerce B2B web shop user (guest user)

Assign (copied) authorization role /WECO/SHP_B2B_ALL to eshop_b2b.

Assign (copied) authorization role /WECO/SHP_B2B_ANONYM to eshop_guest.

Instead of proposed user ID's you can create users in accordance to your naming conventions.



You should not assign any SAP standard authorizations to web shop reference users, only WECO authorizations.

Activities on WebAs

Create RFC Connection to ERP

A RFC connection pointing to the ERP system is required, for instance to get user data, create or show sales orders.

On ERP

On the ERP system create a technical user of type 'Communication' or 'Service'. Provide the user with authorizations of template role /WECO/TECHN_USER_TEMPLATE.

On WebAs

On the WebAs system create a RFC connection (type '3') pointing to the ERP system. In the tab 'Login Data' enter the username and password of the technical user created on the ERP system.

Create User for SICF

A technical user is needed to suppress SAP standard login dialogue when starting the web shop in the web browser. Therefore, create a technical SAP user of type 'Service', for instance ZZSHP.

Authorizations

In case of enhanced security assign authorizations based on following WECO template to the technical user:

/WECO/SICF_USER_TEMPLATE

Activate required Internet Services

Open transaction SICF and activate following services:

/default_host/sap/bc/bsp/WECO/W_SHP1	WECO E-Commerce Application
/default_host/sap/bc/bsp/WECO/W_EMAIL	WECO E-Mail rendering WebAs
/default_host/sap/bc/bsp/WECO/X_CKEDITOR	HTML Editor based on CK-Editor
/default_host/WECO/webdav	WECO WebDAV

Create External Aliases

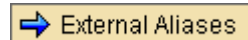
In transaction SICF create external aliases for all WECO SICF services listed above.

Alias names:

/eshop	for /default_host/sap/bc/bsp/WECO/W_SHP1
/email	for /default_host/sap/bc/bsp/WECO/W_EMAIL
/ckeditor	for /default_host/sap/bc/bsp/WECO/X_CKEDITOR
/webdav	für /default_host/WECO/webdav

Sample for /eshop Alias creation:

In transaction SICF select the 'External Aliases' button



Select procedure “O – Required with Logon Data”.

Enter user name and password of the technical user on tab strip ‘Logon Data’.

Select WECO SICF service **/default_host/sap/bc/bsp/WECO/W_SHP1** on tab strip “Trg Element”.

Create RFC Connection for WebDAV

A HTTP RFC connection to the WECO WebDAV SICF alias is required in order to maintain SAP MIME files. Therefore create a RFC connection of type ‘G’ which points to the local system. As path prefix enter ‘/webdav’.

You should have created such a connection already on the ERP system. Please make sure that both connections have the same name.

The connection test should deliver following result:

Destination	WECOHS02_WEBDAV
Type	HTTP Connection to External Server
<div style="border: 1px solid #ccc; padding: 2px;"> Test Result Response Header Fields Response Body Response Text </div>	
Detail	Value
Status HTTP Response	403
Status Text	invalid_jwt
Duration Test Call	30 ms

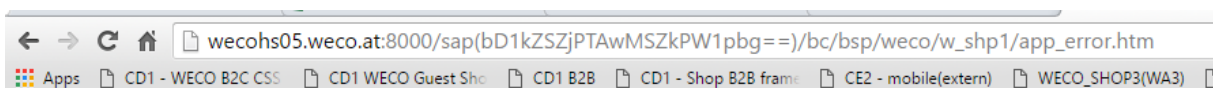
Verify WECO Web shop Service

After activation of the internet services you can verify WECO E-Commerce Application by testing the service in transaction SICF.

Navigate in SICF transaction to external service **/eshop**, use right mouse click and select option 'Test Ext. Alias':

Virtuelle Hosts / Services	Dokumentation	Alias
default_host		
/ email	Alias für Emails WAS	/default_host/sap/bc/bsp/weco/w_email
/eshop	WECO E-Selling	/default_host/sap/bc/bsp/weco/w_shp1
Display External Alias	Logoff	/default_host/sap/public/bc/icf/logoff
Delete External Alias	WECO Mobile Sales	/default_host/sap/bc/bsp/weco/w_shp1
Test Ext. Alias	Login Ping	/default_host/neptune
Test Load Balancing	Alias for NetWeaver Busi...	/default_host/sap/bc/nwbc
Display Ext. Alias Name Fully	Alias zur Ablage der For...	/default_host/sap/bc/bsp/sap/public/FormGraphics
/sap/saml2/idpdiscovery/read	SAML2 alias	/default_host/sap/public/bc/sec/saml2
/spnego	SAML2 Common Domain...	/default_host/sap/public/bc/sec/cdc_ext_service
/spnego/debug_appl	Alias for SPNEGO Config...	/default_host/sap/bc/webdynpro/sap/spnego
/spnego/demo_appl	SPNEGO debug application	/default_host/sap/bc/saml2test/debug_spnego
	SPNEGO demo appl	/default_host/sap/bc/saml2test/demo_spnego

In the web browser you should see following WECO message:



Invalid call, URL parameter APPID is missing

CAUTION

If a basic login popup appears in the web browser, the credentials for technical user are not set correctly in alias /eshop or credentials are invalid.