

IBM WEBSHERE PARTNER GATEWAY V6.0 – LAB EXERCISE

EDI to ROD TA1 Acknowledgment Configuration

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NOTE: Education materials and other documentation as applicable including programming manuals, operating guides, physical planning manuals and installation manuals related to the IBM Products may be early versions subject to change.

What this exercise is about

This document describes configuration for the Target participant to be able to send TA1 acknowledgement back to the Source participant who is sending an EDI document. This document assumes an EDI to ROD configuration

Lab Requirements

List of system and software required for the student to complete the lab.

- WebSphere MQ 5.3 with CSD 08 installed
- DB2 8.2 Enterprise server installed
- Data Interchange Services Client 6.0 installed
- WebSphere Partner Gateway V 6.0 (WPG) software installed (This includes the DB loader and the runtime servers)

What you should be able to do

At the end of this lab you should be able to:

- Configure WebSphere Partner Gateway to send enveloped TA1 Acknowledgement back to the Source in the EDI- ROD Scenario

Exercise Instructions

Some instructions in this lab may be Windows operating-system specific. If you plan on running the lab on an operating-system other than Windows, you will need to execute the appropriate commands, and use appropriate files (.sh vs. .bat) for your operating system. The directory locations are specified in the lab instructions using symbolic references, for example:

Reference Variable	Windows Location	Linux Location
<WPG_HOME>	C:\IBM\WPG\bcghub	/opt/IBM/WPG/bcghub
<LAB_FILES>	C:\WPG\Labfiles	/tmp/WPG\Labfiles
<TEMP>	C:\temp	/tmp

WPG users can be categorized into 3 administrative roles.

Community Operator: The Community Operator is responsible for managing the day-to-day operation of the hub community. Pre-defined user– cannot be deleted. Acts as “sysadmin” for WPG. Defines and maintains the WPG’s capabilities. Typically does NOT send or receive documents



Community Participant: External business partners to WPG. Can be as many defined as desired



Community Manager: The Community Manager is the primary driving force within the hub community. Also a participant, but is the principle one. Can only have one Community Manager in WPG. Operational manager for the community



Lab Prerequisite

The following are the pre-requisites before you begin the configuration.

EDI to ROD Configuration is established

Lab Files

You would need a copy of the following files in your <LAB_FILES>

MAP File: S_DT_EDI_TO_ADF.eif

Input File: edi2adfta1.inp

Part 1: Introduction

Objective:

The source trading partner sends an EDI ISA document which needs to be converted to ROD and sent to the target trading partner. The target partner should be able to send an TA1 Acknowledgement back to the source partner

Figure-1

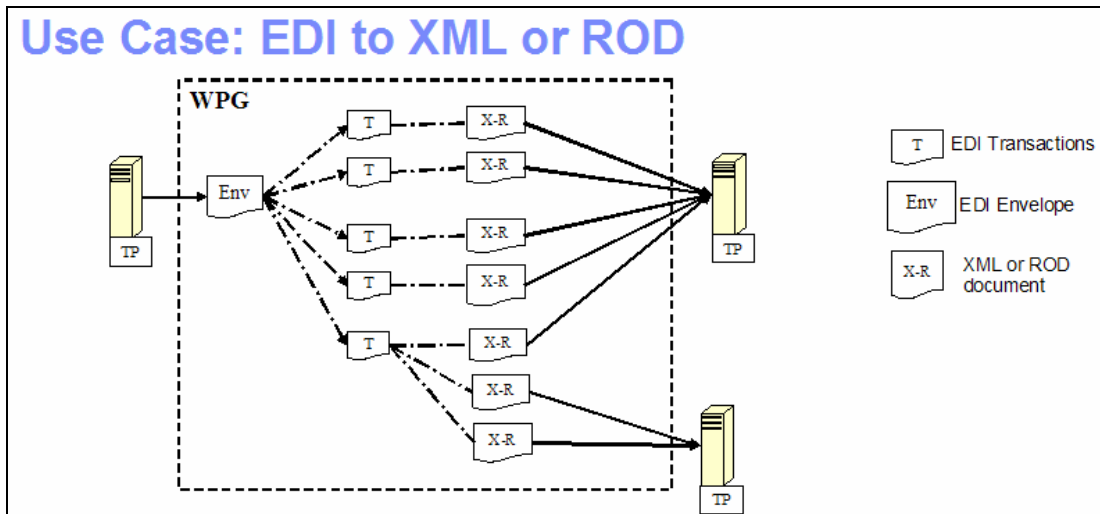


Figure-1 shows the high level representation of the actions that take place in an EDI to ROD or XML flow between 2 trading partners.

Figure-2

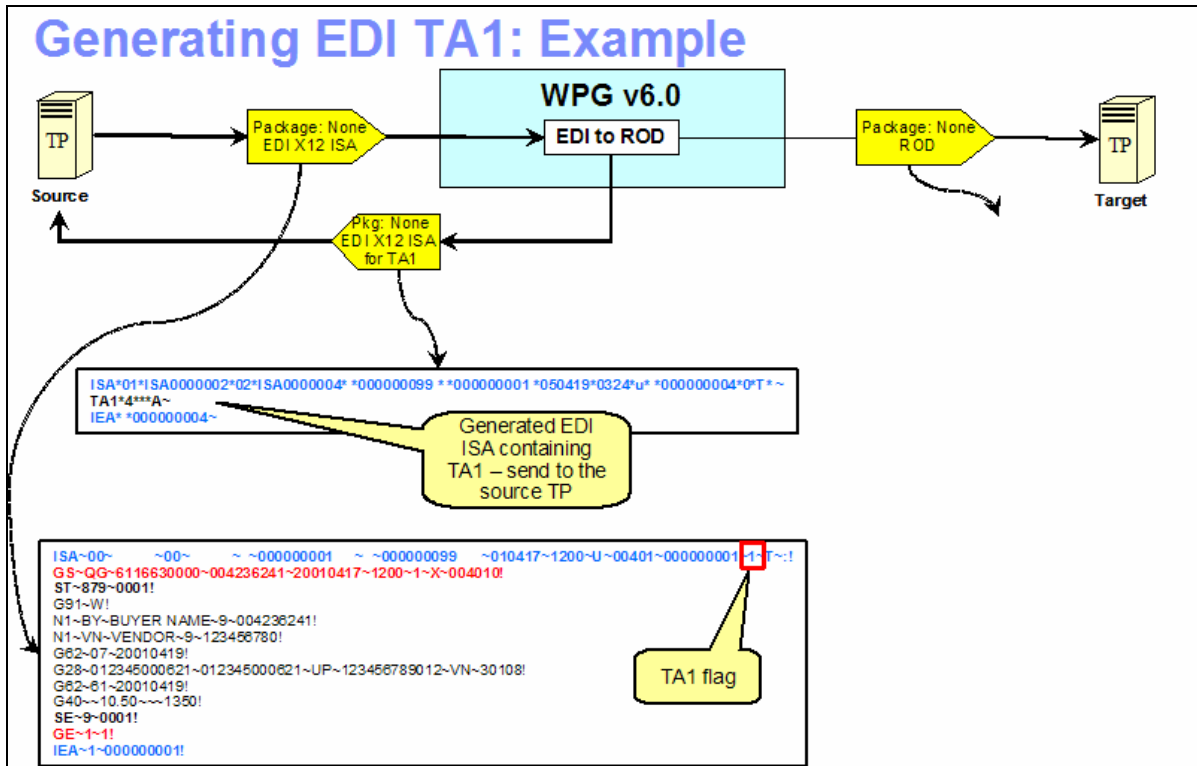


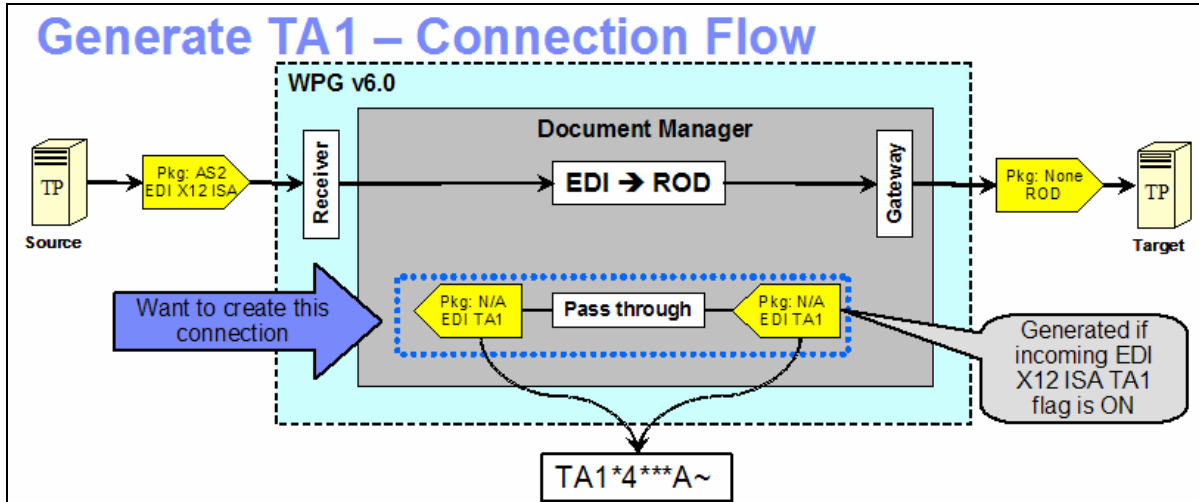
Figure-2 shows the final outcome of the EDI to ROD lab. An incoming EDI X12 ISA with None packaging from the source trading partner passes through the hub where the EDI is translated to ROD and the ROD is sent to the target trading partner. A TA1 acknowledgement is sent back to the source partner.

The 1st step in the hub after receiving the EDI document is de-enveloping where the EDI transactions are extracted from EDI interchange. Each of the EDI transaction is routed back into the document manager to be processed, based on the connection configuration for that transaction.

We have already discussed the EDI- ROD scenario in the EDI-ROD lab. The following steps discuss the generation of TA1.

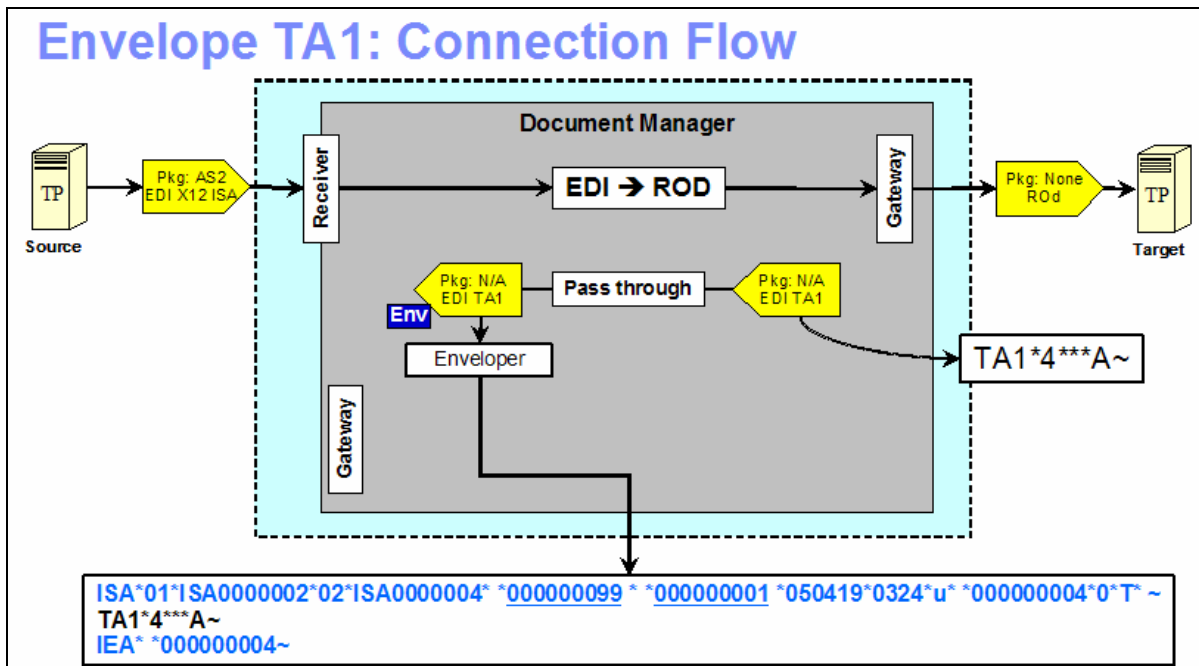
Step 1:

The TA1 attribute assigned on the EDI transaction connection and the attribute in the ISA segment lets the hub know that it has to generate the TA1. A TA1 is generated and sent back to the hub for further processing. Remember that that TA1 is sent from the target to the source trading partner. So we need to configure connection from target to source partner.



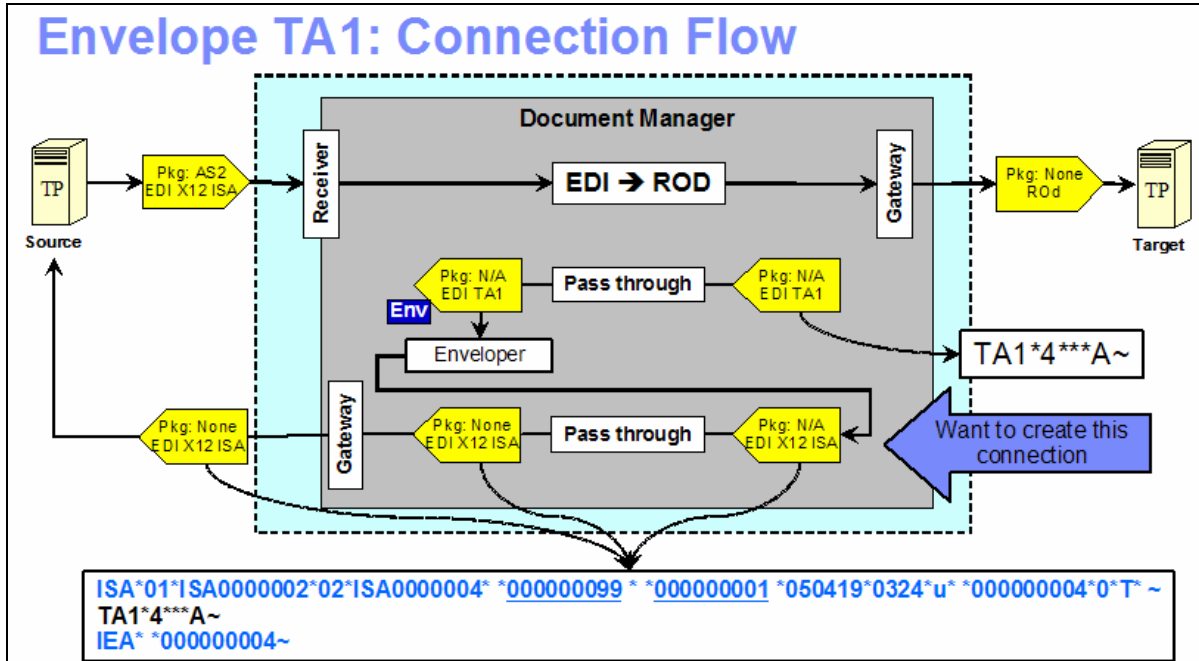
Step 2:

The EDI transaction that was generated in the translation phase goes through the enveloping phase. Based on the scheduling of the enveloper and other rules, the ready EDI transactions will be enveloped into an EDI X12 ISA envelope.



Step 3:

The enveloped EDI X12 ISA then flows back through the document manager, for any final packaging that has been configured by the connection. The EDI is then sent to the receiver trading partner through the Gateway for target trading partner.



Part 2: Starting MQ Components and WPG Servers

Note: Make sure that the database server is started

Starting the required MQ services:

Open a command window and issue the following commands.

- ___ 1. **Start MQ queue manager**
strmqm bcg.queue.manager
- ___ 2. **Start MQ Broker**
strmqbrk -m bcg.queue.manager
- ___ 3. **Start services on the Queue manager**
strmqcsv bcg.queue.manager
- ___ 4. **Run MQ listener (9999 is the default port used by the installer)**
runmqlsr -t tcp -p 9999 -m bcg.queue.manager

Starting WPG Servers

Open a command window and change directories to <WPG_HOME>/bin

- ___ 1. **Starting Console**
bcgstartserver bcgconsole
- ___ 2. **Starting Receiver**
bcgstartserver bcgreceiver
- ___ 3. **Starting Doc. Manager**
bcgstartserver bcgdocmgr

Part 3: Logging into the Community Console

- ____ 1. If you have already logged into the Community console previously and followed the instructions in **wpgv6_basic_configuration** lab, use the following authentication information

User Name: **hubadmin**

Password: **hub1admin**

Company Name: **Operator**


Part 4: Checking the Map

Community Operator has the privilege for checking the Map



1. Checking Map

a. **Hub Admin** → **Hub Configuration** → **Maps** → **EDI FA Maps**. The map **&WDI_TA1_ACK** should be listed

b. Click on the view  icon.

FA Map Association

• Manage EDI Functional Acknowledgements


Map Name: &WDI_TA1_ACK
Description: WDI TA1 mapping

System Level

Package: AS
 Package: None
 Package: Backend Integration (1.0)
 Package: N/A

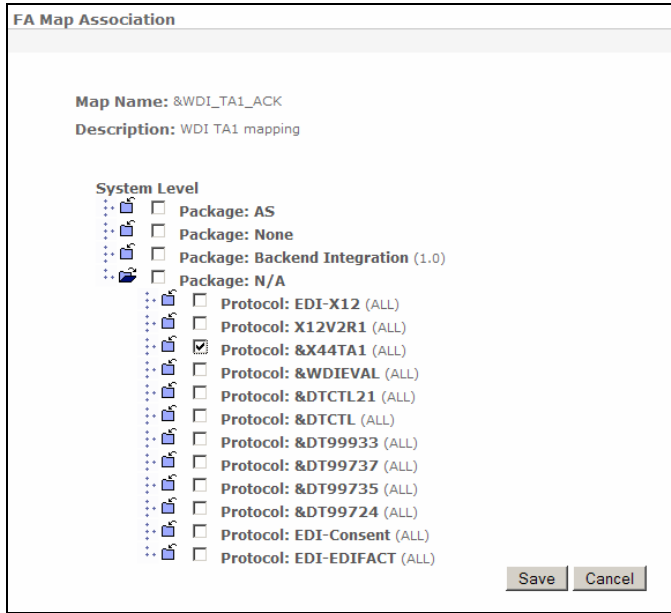
Save Cancel

1. Associating TA1 Map with Protocol

a. Click the  icon next to **Package: N/A**

b. Check the check box next to **&X44TA1**.

c. Click **Save**.



You have successfully associated the TA1 Map with &X44TA1 Protocol.

Part 5: Creating Targets, Participants and Gateways



Note: You have already created the target, participants and gateways before in the “WPG Basic Configuration” Lab. If not please complete the “WPG Basic Configuration” Lab before you proceed.

Part 6: Adding Attributes to the protocol EDI - X12 under None packaging

Community Operator has the privilege to add new attributes



Some of the attributes are not available by default at protocol or document flow level. In such cases, you have to add the attributes in order to set the scope of the attribute at the level.

- ___ 1. Go to **Hub Admin** → **Hub Configuration** → **Document Flow Definition**
 - ___ a. Expand the **Package: None** by clicking on the  icon
 - ___ b. Click on  icon next to the **Protocol: EDI-X12**
 - ___ c. Click **Add Attributes** under the Document Flow Context Attributes Screen
 - ___ d. Click the check box next to “**Allow a TA1 request** “ attribute
 - ___ e. Click **Save**

<input checked="" type="checkbox"/>	Max validation error level	Max validation error level
<input checked="" type="checkbox"/>	Validation level	Validation level
<input checked="" type="checkbox"/>	Char set validation table	Char set validation table
<input checked="" type="checkbox"/>	Alphanumeric validation table	Alphanumeric validation table
<input checked="" type="checkbox"/>	Generate group level info only in functional Ack	Generate group level info only in functional Ack
<input checked="" type="checkbox"/>	Century control year	Century control year
<input checked="" type="checkbox"/>	Detailed validation of segment	Detailed validation of segment
<input checked="" type="checkbox"/>	Allow a TA1 request	Allow a TA1 request
<input type="checkbox"/>	Discard Envelope if any errors	Discard Envelope if any errors
<input checked="" type="checkbox"/>	Connection Profile Qualifier1	Connection Profile Qualifier1
<input checked="" type="checkbox"/>	Interchange qualifier	Interchange qualifier
<input checked="" type="checkbox"/>	Interchange Identifier	Interchange Identifier
<input checked="" type="checkbox"/>	Interchange usage indicator	Interchange usage indicator
<input checked="" type="checkbox"/>	Group application sender identifier	Group application sender identifier
<input checked="" type="checkbox"/>	Group application receiver identifier	Group application receiver identifier
<input checked="" type="checkbox"/>	Interchange reverse routing	Interchange reverse routing
<input checked="" type="checkbox"/>	Interchange routing address	Interchange routing address
<input checked="" type="checkbox"/>	Group application sender qualifier	Group application sender qualifier
<input checked="" type="checkbox"/>	Group application receiver qualifier	Group application receiver qualifier
<input checked="" type="checkbox"/>	Group application password	Group application password

Part 7: Create Interactions

New Interactions can be created only by Community Operators.



For the EDI to ROD Scenario, We need to create 4 interactions. One interaction corresponding to the Develope and the second one corresponds to the transformation of the resultant deenvveloped message to ROD. The third interaction corresponds to the enveloping of the TA1 that is generated. The fourth interaction is for sending the enveloped TA1 to the Target partner.

The First 2 interactions were created as part of the EDI to ROD lab. So we need to create the 3rd and 4th Interactions.

___ 1. Create Creating Interaction For enveloping the TA1

___ a. Go to **Hub Admin** → **Hub Configuration** → **Document Flow Definition**

___ 1) Click **Manage Interactions located** at right corner of the screen


___ 2) Select "**Create Interaction**"

___ 3) Create the following source to target interaction

Package: **N/A**
 Protocol: **&X44TA1 (ALL)**
 Document Flow: **TA1 (ALL)**


to


Package: **N/A**
 Protocol: **&X44TA1 (ALL)**
 Document Flow: **TA1 (ALL)**

___ a) Click on the  icon next to **Package: N/A** under the **Source**. This should list all the protocols available under **Package: N/A**.

___ b) Click on the  icon next to **Protocol: & X44TA1 (ALL)** under the **Source**. This should list all the Document Flows available under **Protocol: & X44TA1 (ALL)**.

___ c) Click on the radio button next to **Document Flow: TA1 (ALL)** under the **Source**.

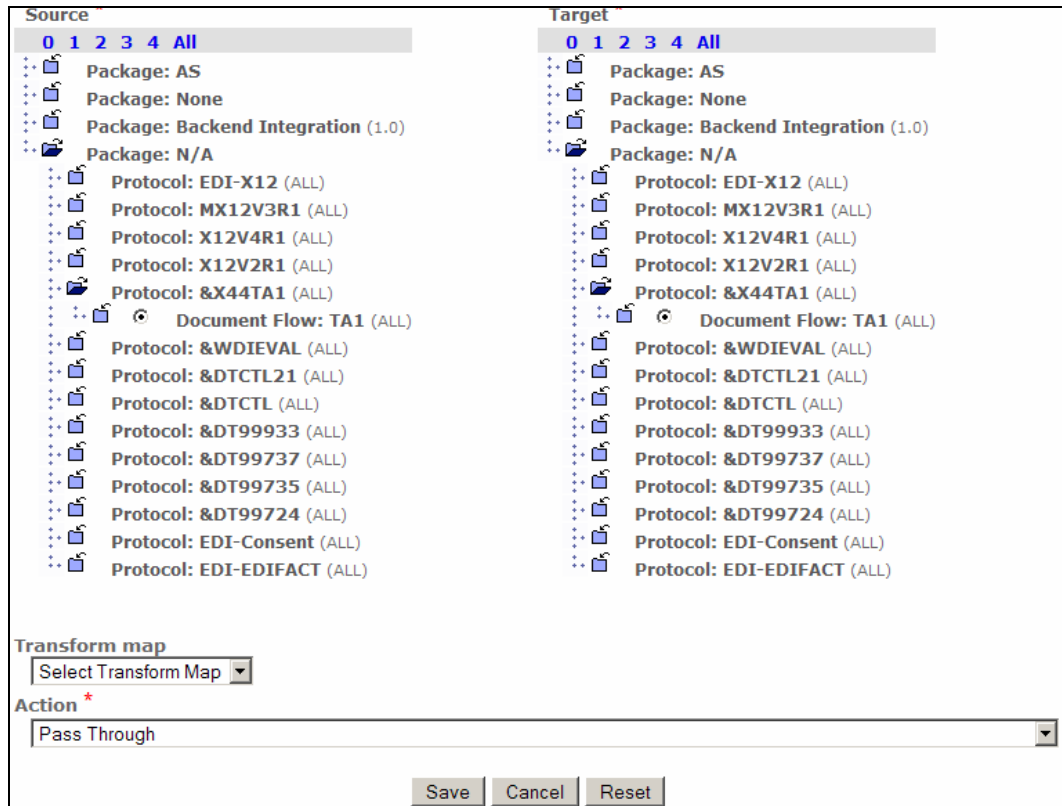
___ d) Click on the  icon next to **Package: N/A** under the **Target**. This should list all the protocols available under **Package: N/A**.

___ e) Click on the  icon next to **Protocol: & X44TA1 (ALL)** under the **Target**. This should list all the Document Flows available under **Protocol: & X44TA1 (ALL)**.

___ f) Click on the radio button next to **Document Flow: TA1 (ALL)** under the **Target**.

___ g) Select "**Pass Through**" from the **Action** drop down menu.

__ h) Click **Save**



___ 2. **Creating Interaction For sending the enveloped TA1 to the Target Partner**

__ a. Go to **Hub Admin → Hub Configuration → Document Flow Definition**

__ 1) Click **Manage Interactions** located at right corner of the screen


__ 2) Select **“Create Interaction”**




__ 3) Create the following source to target interaction.

Package: **N/A**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**

To

Package: **None**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**

__ a) Click on the  icon next to **Package: N/A** under the **Source**. This should list all the protocols available under **Package: N/A**.

- __ b) Click on the  icon next to **Protocol: EDI-X12 (ALL)** under the **Source**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**.
- __ c) Click on the radio button next to **Document Flow: ISA (ALL)** under the **Source**.
- __ d) Click on the  icon next to **Package: None** under the **Target**. This should list all the protocols available under **Package: None**.
- __ e) Click on the  icon next to **Protocol: EDI-X12 (ALL)** under the **Target**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**.
- __ f) Click on the radio button next to **Document Flow: ISA (ALL)** under the **Target**.
- __ g) Select “**Pass Through**” from the **Action** drop down menu.
- __ h) Click **Save**.

Source	Target
0 1 2 3 4 All <input type="checkbox"/> Package: AS <input type="checkbox"/> Package: None <input type="checkbox"/> Package: Backend Integration (1.0) <input type="checkbox"/> Package: N/A <input checked="" type="checkbox"/> Protocol: EDI-X12 (ALL) <input checked="" type="checkbox"/> Document Flow: ISA (ALL) <input type="checkbox"/> Protocol: MX12V3R1 (ALL) <input type="checkbox"/> Protocol: X12V4R1 (ALL) <input type="checkbox"/> Protocol: X12V2R1 (ALL) <input type="checkbox"/> Protocol: &X44TA1 (ALL) <input type="checkbox"/> Protocol: &WDIEVAL (ALL) <input type="checkbox"/> Protocol: &DTCTL21 (ALL) <input type="checkbox"/> Protocol: &DTCTL (ALL) <input type="checkbox"/> Protocol: &DT99933 (ALL) <input type="checkbox"/> Protocol: &DT99737 (ALL) <input type="checkbox"/> Protocol: &DT99735 (ALL) <input type="checkbox"/> Protocol: &DT99724 (ALL) <input type="checkbox"/> Protocol: EDI-Consent (ALL) <input type="checkbox"/> Protocol: EDI-EDIFACT (ALL)	0 1 2 3 4 All <input type="checkbox"/> Package: AS <input checked="" type="checkbox"/> Package: None <input type="checkbox"/> Protocol: Binary (1.0) <input type="checkbox"/> Protocol: FVT-XML-TEST (ALL) <input type="checkbox"/> Protocol: ADF-TO-EDI_DICT (ALL) <input type="checkbox"/> Protocol: DEMO850CL_DICTIONARY (ALL) <input type="checkbox"/> Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL) <input type="checkbox"/> Protocol: Web Service (1.0) <input type="checkbox"/> Protocol: cXML (1.2.009) <input type="checkbox"/> Protocol: EDI-Consent (ALL) <input type="checkbox"/> Protocol: EDI-EDIFACT (ALL) <input checked="" type="checkbox"/> Protocol: EDI-X12 (ALL) <input checked="" type="checkbox"/> Document Flow: ISA (ALL) <input type="checkbox"/> Package: Backend Integration (1.0) <input type="checkbox"/> Package: N/A
Transform map <input type="text" value="Select Transform Map"/>	
Action * <input type="text" value="Pass Through"/>	
<input type="button" value="Save"/> <input type="button" value="Cancel"/> <input type="button" value="Reset"/>	

You have successfully created the interactions required for the scenario

Part 8: Enabling B2B Capabilities

B2B capabilities can be enabled by Community Operators, Community Manager and Community Participants



Community Operator: Can enable B2B Capabilities for all the participants including the Community Manager Profile

Community Manager: Can enable B2B Capabilities for its own profile

Community Participant: Can enable B2B Capabilities for its own profile

B2B Capabilities specify what particular Package, Protocol, and Document Flows the Participant Supports. Enabled B2B capabilities for a participant define the types of documents the participant will be allowed to send and/or receive. The B2B capabilities for a partner are a subset of the Package, Protocol, and Document Flows that Hub supports.

1. Enable B2B Capabilities for the Source Trading Partner

a. Go to **Account Admin → Profiles → Community Participant** and click on Search button. This should list all the Participants created

1) Select the Source Trading Partner, **Manager** and click on the icon.

Remember that TA1 flows from the participant that receives the rod. So the source in this case would be **Manager** and Target is **TP1**

b. Click on **B2B Capabilities** menu item.

Since we are enabling the B2B capabilities of the source trading partner, we only need to enable the Package, Protocol and Document Flow for source side.

Enable the following **Package, Protocol, and Document Flow** by following the instructions below

Package: **N/A (N/A)**

Protocol: **&X44TA1 (ALL)**





Document Flow: **TA1 (ALL)**

Perform the following steps under the “Set Source” column of the B2B Capabilities

1) Click on the icon in the row corresponding to **Package: N/A**. should be changed to

2) Click on the icon next to **Package: N/A**. This should list all the protocols available under **Package: N/A**.












3) Click on the icon in the row corresponding to **Protocol: &X44TA1 (ALL)**. should be changed to
































- ___ 4) Click on the  icon next to **Protocol: &X44TA1 (ALL)**. This should list all the Document Flows available under **Protocol: &X44TA1 (ALL)**
- ___ 5) Click on the  icon in the row corresponding to **Document Flow: TA1 (ALL)**.  should be changed to 

Enable the following **Package, Protocol, and Document Flow** by following the instructions below

Package: **N/A**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**


Perform the following steps under the “Set Source” column of the B2B Capabilities

- ___ 1) Click on the  icon in the row corresponding to **Package: N/A**.  should be changed to 
- ___ 2) Click on the  icon next to **Package: N/A**. This should list all the protocols available under **Package: N/A**.
- ___ 3) Click on the  icon in the row corresponding to **Protocol: EDI-X12 (ALL)**.  should be changed to 
- ___ 4) Click on the  icon next to **Protocol: EDI-X12 (ALL)**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**
- ___ 5) Click on the  icon in the row corresponding to **Document Flow: ISA (ALL)**.  should be changed to 

Profile > Manager > B2B Capabilities										
Set Source	Set Target	Enabled	Edit	Document Flow Definition						
				0	1	2	3	4	All	
				Package: AS					
		Enabled		.....	Package: None					
				Package: Backend Integration (1.0)					
		Enabled		.....	Package: N/A					
		Enabled		.....	Protocol: EDI-X12 (ALL)					
		Enabled		.....	Document Flow: ISA (ALL)					
		Enabled		.....	Protocol: MX12V3R1 (ALL)					
				Protocol: X12V4R1 (ALL)					
				Protocol: X12V2R1 (ALL)					
		Enabled		.....	Protocol: &X44TA1 (ALL)					
		Enabled		.....	Document Flow: TA1 (ALL)					
				Protocol: &WDIEVAL (ALL)					

2. Enable B2B Capabilities for the Target Trading Partner

- ___ a. Go to **Account Admin → Profiles → Community Participant** and click on Search button. This should list all the Participants created

- ___ 1) Select the Target Trading Partner you created for this scenario by clicking on the  icon. In this document the Target Trading Partner is “**TP1**”

Remember that TA1 flows from the participant that receives the rod. So the source in this case would be **Manager** and Target is **TP1**












- ___ b. Click on **B2B Capabilities** menu item

Since we are enabling the B2B capabilities of the target trading partner, we only need to enable the Package, Protocol and Document Flow for target side.

Enable the following **Package, Protocol, and Document Flow** by following the instructions below





Package: **N/A (N/A)**
 Protocol: **&X44TA1 (ALL)**
 Document Flow: **TA1 (ALL)**








Perform the following steps under the “Set Target” column of the B2B Capabilities





















































- ___ 1) Click on the  icon in the row corresponding to **Package: N/A**.  should be changed to 
- ___ 2) Click on the  icon next to **Package: N/A** . This should list all the protocols available under **Package:N/A**.
- ___ 3) Click on the  icon in the row corresponding to **Protocol: &X44TA1 (ALL)**.  should be changed to 
- ___ 4) Click on the  icon next to **Protocol: &X44TA1 (ALL)** This should list all the Document Flows available under **Protocol: &X44TA1 (ALL)**
- ___ 5) Click on the  icon in the row corresponding to **Document Flow: TA1 (ALL)**.  should be changed to 

Enable the following **Package, Protocol, and Document Flow** by following the instructions below

Package: **None**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**

- ___ 1) Click on the  icon in the row corresponding to **Package: None**.  should be changed to 
- ___ 2) Click on the  icon next to **Package: None** . This should list all the protocols available under **Package:None**.

- ___ 3) Click on the  icon in the row corresponding to **Protocol: EDI-X12 (ALL)**.  should be changed to 
- ___ 4) Click on the  icon next to **Protocol: EDI-X12 (ALL)**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**
- ___ 5) Click on the  icon in the row corresponding to **Document Flow: ISA (ALL)**.  should be changed to 

Profile : TP1 : B2B Capabilities				Document Flow Definition					
Set Source	Set Target	Enabled	Edit	0	1	2	3	4	All
				Package: AS					
		Enabled		Package: None					
				Protocol: Binary (1.0)					
				Protocol: FVT-XML-TEST (ALL)					
				Protocol: ADF-TO-EDI_DICT (ALL)					
				Protocol: DEMO850CL_DICTIONARY (ALL)					
				Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL)					
				Protocol: Web Service (1.0)					
				Protocol: cXML (1.2.009)					
				Protocol: EDI-Consent (ALL)					
				Protocol: EDI-EDIFACT (ALL)					
		Enabled		Protocol: EDI-X12 (ALL)					
		Enabled		Document Flow: ISA (ALL)					
				Package: Backend Integration (1.0)					
		Enabled		Package: N/A					
		Enabled		Protocol: EDI-X12 (ALL)					
		Enabled		Protocol: MX12V3R1 (ALL)					
		Enabled		Protocol: X12V4R1 (ALL)					
		Enabled		Protocol: X12V2R1 (ALL)					
		Enabled		Protocol: &X44TA1 (ALL)					
		Enabled		Document Flow: TA1 (ALL)					

You have successfully enabled the B2B capabilities for the Manager and TP1 trading participants

Part 9: Creating Envelope Profile

Note: You have already created the envelope profile “EnvProfile 1” before in the “WPG Basic Configuration” Lab. If not please complete the “WPG Basic Configuration” Lab before you proceed.

Part 10: Creating Participant Connections

Participant Connections can be enabled by Community Operators and Community Manager



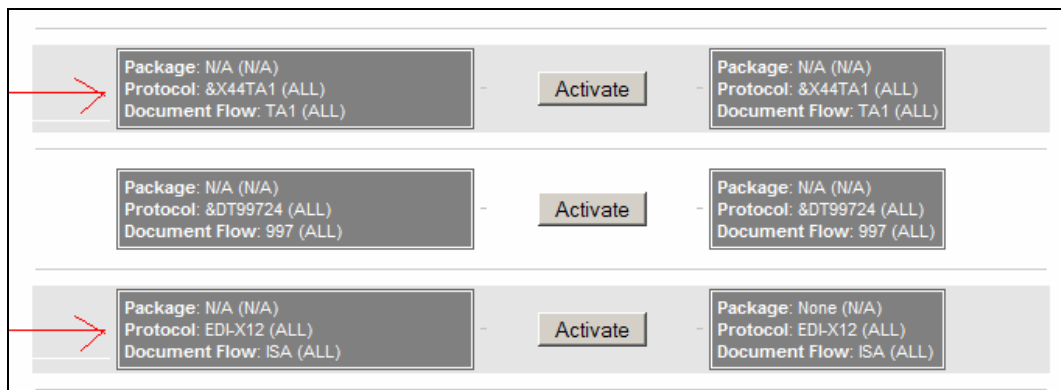
___ 1. Creating Participant connections

___ a. Go to **Account Admin** → **Participant Connections**

Remember that TA1 flows from the participant that receives the rod to the sender of EDI document. So the source in this case would be **Manager** and Target is **TP1**

e.g: if your EDI – ROD participant connection is from **TP1** to **Manager** (Community Manager), the TA1 connection will be **Manager** to **TP1**

- ___ 1) Select **Manager** from the Source drop down menu.
- ___ 2) Select **TP1** from the Target drop down menu.
- ___ 3) Click on Search.
- ___ 4) Based on prior connections, there may be other connections that are not needed for this scenario.
- ___ 5) De Activate the Connections that are green by clicking on the **X** icon. The connections should turn to grey when deactivated.
- ___ 6) You should atleast have the two connections that are highlighted by red arrow in the following picture.



The participant connection **N/A(N/A) : &X44TA1(ALL) : TA1(ALL)** to **N/A(N/A) : &X44TA1 (ALL) : TA1(ALL)** is used for enveloping the TA1 that is generated.

The participant connection **N/A(N/A) : EDI-X12(ALL) : ISA(ALL)** to **None(N/A) : EDI-X12(ALL) : ISA(ALL)** is used for sending the enveloped TA1 to the target partner




___ 7) Click on **Activate** button corresponding to each connection to activate the connection. It should turn to green indicating it is activated

The screenshot displays a web-based interface for managing connection profiles. It features three rows of profile information, each with a navigation bar containing 'Attributes', 'Actions', 'Gateways', and 'Add Connection Profile' buttons. The top and bottom rows have green backgrounds, while the middle row has a grey background and an 'Activate' button. The profile details are as follows:

Profile 1 (Top)	Profile 2 (Middle)	Profile 3 (Bottom)
Package: N/A (N/A) Protocol: 3X44TA1 (ALL) Document Flow: TA1 (ALL)	Package: N/A (N/A) Protocol: 3DT99724 (ALL) Document Flow: 997 (ALL)	Package: None (N/A) Protocol: EDI-X12 (ALL) Document Flow: ISA (ALL)

Part 11: Configuring the Attributes



In order for the TA1 to be generated and to be enveloped and sent, we need to configure some attributes in B2B Capabilities of the Participants

- ___ 1. Go to **Account Admin** → **Profiles** → **Community Participant** and click on Search button This should list all the Participants created
 - ___ a. Select the Trading Partner **TP1** by clicking on  icon
- ___ 2. Click on B2B Capabilities menu item
 - ___ a. Click on the icon  next to **Package: None**.
 - ___ b. Click on icon  next to **Protocol: EDI-X12 (ALL)**. This should open a page where can change the attributes.
 - ___ c. Locate the “**Allow a TA1 Request**” attribute and select “Yes” from the drop down menu
 - ___ d. Click **Save**

Profile : TP1 : B2B Capabilities Welcome, Hub Admin

Package: None (N/A)
Protocol: EDI-X12 (ALL)

Attribute	Description	Current Value	Inheritance	Update	Reset
Allow documents with duplicate ids	Allow documents with duplicate ids	Yes	Inherited from: Scope: Global Type: Allow documents with duplicate ids	<input type="text" value="Select one to update"/>	
Allow a TA1 request	Allow a TA1 request	No value provided	No value provided	<input type="text" value="Yes"/>	

- ___ 3. Click on **B2B Capabilities** again
 - ___ a. Click on the icon  next to **Package: N/A**.
 - ___ b. Click on icon  next to **Protocol: &X44TA1 (ALL)**. This should open a page where can change the attributes.
 - ___ c. Locate the **Envelope Profile** attribute and select **EnvProfile 1** from the drop down menu
 - ___ d. Locate **Interchange Qualifier** attribute and provide **01** as the value
 - ___ e. Locate **Interchanger identifier** attribute and provide **987654321** as the value
 - ___ f. Locate **Interchange usage indicator** attribute and provide **T** as the value.
 - ___ g. Click **Save**

Envelope Profile	Envelope Profile	EnvProfile 1	Locally Assigned	EnvProfile 1	<input type="checkbox"/>
Max validation error level	Max validation error level	No value provided	No value provided	Select one to update	
Validation level	Validation level	No value provided	No value provided	Select one to update	
Char set validation table	Char set validation table	No value provided	No value provided		
Alphanumeric validation table	Alphanumeric validation table	No value provided	No value provided		
Generate group level info only in functional Ack	Generate group level info only in functional Ack	No value provided	No value provided	Select one to update	
Century control year	Century control year	No value provided	No value provided		
Detailed validation of segment	Detailed validation of segment	No value provided	No value provided	Select one to update	
Connection Profile Qualifier1	Connection Profile Qualifier1	No value provided	No value provided		
Interchange qualifier	Interchange qualifier	01	Locally Assigned	01	<input type="checkbox"/>
Interchange Identifier	Interchange Identifier	000000001	Locally Assigned	987654321	<input type="checkbox"/>
Interchange usage indicator	Interchange usage indicator	T	Locally Assigned	T	<input type="checkbox"/>

You have successfully configured the attributes required for this scenario.

Part 12: Running the Scenario

- ___ 1. Go to <LAB_FILES> directory
- ___ 2. Open the edi2adfta1.inp file.
- ___ 3. The Source and Target participant id's are located at the 7th and 9th fields in the ISA segment. The first id is the source ID(TP1) and the second the target ID(Manager)
- ___ 4. Notice the difference between the lines in edi2adf.inp and edi2adfta1.inp in the first line. The 0 is replaced by 1 (Before "T") indicating that you are requesting a TA1 acknowledgement.

```
ISA*00*                *00*                * *987654321          * *123456789
*930419*0021*U*00200*000000004*1*T* : !
```

The lab input files are already updated to reflect the Manager and TP1 id's and the TA1 request flag

- ___ 2. Copy the edi2adfta1.inp file and place it in the **C:\WPGLabs\edifiletarget\Documents\Production** directory.
- ___ 3. The EDI document should be de-enveloped and waiting to be translated to rod
- ___ 4. After this, the document will be translated to rod document
- ___ 5. A TA1 is generated and enveloped

The status of the document in the system can be viewed by using the Document Viewer

Go to **Viewers** → **Document Viewer**

Provide the approximate start time when you actually started this transaction and click on Search

- ___ 5. Note the entries for the TA1 document which is enveloped and sent from Manager(Community Mgr) to TP1

Participants	Time Stamps	Document Flow	Gateway Type	Synchronous	Status
Document ID: 000000003					
Doc Time Stamp: 050316-0611					
<input type="checkbox"/> Source: Manager	In: 3/16/05 6:11:30 PM (0.241 kb)	EDI-X12 (ALL) ISA: ISA (ALL)			
<input type="checkbox"/> Target: TP1	Out: 3/16/05 6:11:31 PM (0.241 kb)	EDI-X12 (ALL) ISA: ISA (ALL)	Production		
Document ID: -					
Doc Time Stamp: -					
<input type="checkbox"/> Source: Manager	In: 3/16/05 6:11:26 PM (0.012 kb)	&X44TA1 (ALL) TA1: TA1 (ALL)			
<input type="checkbox"/> Target: TP1	Out: 3/16/05 6:11:27 PM (0.012 kb)	&X44TA1 (ALL) TA1: TA1 (ALL)	Production		
Document ID: 000000004					
Doc Time Stamp: 930419-0021					
<input type="checkbox"/> Source: TP1	In: 3/16/05 6:11:22 PM (1.372 kb)	X12V2R1 (ALL) 850: 850 (ALL)			
<input type="checkbox"/> Target: Manager	Out: 3/16/05 6:11:26 PM (3.719 kb)	DEMO850CL_DICTIONARY (ALL) DEMO850CLS UW: DEMO850CLS UW (ALL)	Production		
Document ID: 000000004					
Doc Time Stamp: 930419-0021					
<input type="checkbox"/> Source: TP1	In: 3/16/05 6:11:22 PM (1.372 kb)	EDI-X12 (ALL) ISA: ISA (ALL)			
<input checked="" type="checkbox"/> Target: Manager	Out: 3/16/05 6:11:25 PM	EDI-X12 (ALL) ISA: ISA (ALL)	Production		

- ____ 6. The rod document is sent to the Manager filegateway
The destination file gateway location is **C:\WPGLabs\Manager\filegateway**
- ____ 7. The enveloped TA1 document is sent to the edi document sender filegateway
The file gateway location is **C:\WPGLabs\TP1\filegateway**

What you did in this exercise

In this exercise, you have enabled B2B capabilities and created participant connections necessary for target trading partner to be able to send an TA1 acknowledgement back to the source partner who was the sender of the edi document.

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