

IBM WEBSHERE PARTNER GATEWAY V6.0– LAB EXERCISE

WebSphere Partner Gateway (WPG) Basic 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 how to configure WebSphere Partner Gateway to Create trading participants, create EDI, ROD and XML targets, and configure the file gateways for the trading participants.

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)

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:\WPGLabfiles	/tmp/WPGLabfiles
<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



Part 1: 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

Once each of the servers is started, you will notice a process id corresponding to the server.

```

C:\ Command Prompt

X:\>cd ibm
X:\IBM>cd wpg
X:\IBM\WPG>ls
DISClient  bcgdbloader  bcghub
X:\IBM\WPG>cd bcghub
X:\IBM\WPG\bcghub>cd bin
X:\IBM\WPG\bcghub\bin>bcgStartServer bcgconsole
ADMU7701I: Because bcgconsole is registered to run as a Windows Service, the
request to start this server will be completed by starting the
associated Windows Service.
ADMU0116I: Tool information is being logged in file
C:\IBM\WPG\bcghub\was\profiles\bcgconsole\logs\bcgconsole\startServer
.log
ADMU0128I: Starting tool with the bcgconsole profile
ADMU3100I: Reading configuration for server: bcgconsole
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server bcgconsole open for e-business; process id is 2628
X:\IBM\WPG\bcghub\bin>

```

You can also check the three java processes (corresponding to bcgconsole, bcgdocmgr, bcgreceiver) in the windows task manger panel.

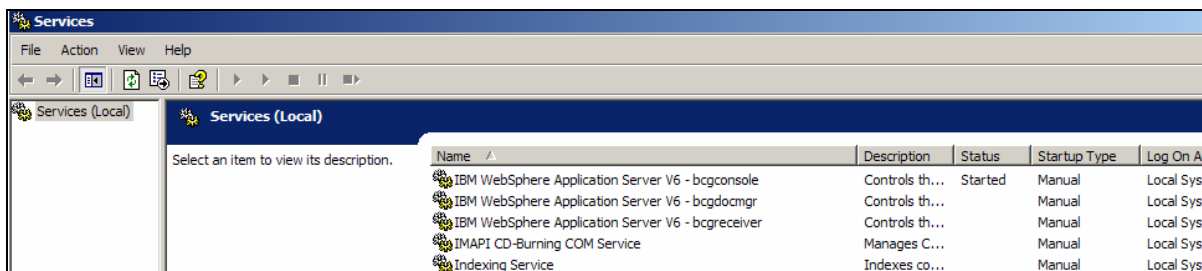
For UNIX use the following command

ps -ef | grep java

The above command displays all the java processes. You should notice the three entries for the three WPG servers (bcgconsole, bcgdocmgr, bcgreceiver)

For Windows Platform:

During the install process, you would be given an option to run the bcgconsole, bcgdocmgr and bcgreceiver servers as windows services. If you have selected the option, you would notice three entries in your Services window. You can start or stop servers form the services window by selecting the entry, right clicking and selecting start or stop option



Part 2: Logging into the Community Console

- ___ 1. Logging into Community Console for the first time after Install
 - ___ a. Type the following Console url into the browser - **http://<hostname>:58080/console**

Where <hostname> is to be replaced by the hostname of the system you installed WPG,
Example: **http://localhost:58080/console**
 - ___ b. **If you are logging in the console for the 1st time**, use the following default authentication information when the product is installed:

User Name: **hubadmin**

Password: **Pa55word**

Company Name: **Operator**

Enter the information in the login screen and click **Login**
 - ___ c. The next screen prompts you to change the default password. Enter **hub1admin** as the new password. Click **Save**.

- ___ 2. If you have already logged into the Community console previously and followed the instructions in step 1, use the following authentication information

User Name: **hubadmin**

Password: **hub1admin**

Company Name: **Operator**

Part 3: Creating Targets

Targets or Receivers are used to receive incoming documents. It supports various transport protocols, like HTTP, HTTPS, FTP, FTPs, File directories and so on. In this tutorial, we use simple File directory as the input mechanism for incoming documents into the hub.

Only Community Operators have authority to create new Targets.



1. Creating EDI Target (Used for EDI to ROD and EDI to XML tutorials)

___ a. Go to **Hub Admin** → **Hub Configuration** → **Targets** panel

___ 1) Click **“Create Target”** located at the right most corner

___ a) Select **“File directory”** from the **Transport** dropdown menu.

___ b) Provide the Target name and target location in the file system as shown below.

Target Name: **EDIFileTarget**

Document Root Path: **C:\WPG Labs\edifiletarget**

Create a directory **C:\WPG Labs** in your file system

Note: One important thing to remember is that the whole directory path except the **“edifiletarget”** should already exist in your file system. WPG does not create the directory structure. WPG only creates the **“edifiletarget”** directory and other directories needed under the already existing **“WPG Labs”** directory. **So make sure that “WPG Labs” exists in C:**

2. Creating ROD Target (Used for the ROD to EDI tutorial)

a. Go to **Hub Admin** → **Hub Configuration** → **Targets** panel

1) Click **“Create Target”** located at the right most corner

a) Select File directory from the **Transport** dropdown menu.

b) Provide the target name and target location in the file system.

Target Name: **RODFileTarget**

Document Root Path: **C:\WPGLabs\rodfiletarget**

Note: One important thing to remember is that the whole directory path except the **“edifiletarget”** should already exist in your file system. WPG does not create the directory structure. WPG only creates the **“rodfiletarget”** directory and other directories needed under the already existing **“WPGLabs”** directory. **So make sure that “WPGLabs” exists in C:**

a) Select **preprocess** for **Configuration Point Handlers** drop down menu

b) Select **com.ibm.bcg.edi.receiver.preprocesshandler.RODSplitterHandler** from Available list and add it to Configured list by clicking the **Add**.

c) Select **com.ibm.bcg.edi.receiver.preprocesshandler.RODSplitterHandler** on **Configured list** and press the **Configure** button

Target Details
Welcome, Hub Administrator

[List](#) [Help](#)

Target Name: *

Status: Enabled Disabled

Description:

Transport: *

Target Configuration

Default Gateway Type: *

Document Root Path: *

Poll Interval: seconds

File Unchanged Interval: seconds

Thread Nbr:

Handlers

Configuration Point Handlers:

Handler Selection

Available List

Selected handler:
com.ibm.bcg.edi.receiver.preprocesshandler.XMLSplitterHandler

com.ibm.bcg.edi.receiver.preprocesshandler.EDISplitterHandle

com.ibm.bcg.edi.receiver.preprocesshandler.XMLSplitterHandl

com.ibm.bcg.edi.receiver.preprocesshandler.GenericDocumen

Configured List

Selected handler:
com.ibm.bcg.edi.receiver.preprocesshandler.RODSplitterHandler

com.ibm.bcg.edi.receiver.preprocesshandler.RODSplitterHand

___ d) The values to be entered are shown in the picture below. After entering the values, press **Set values** which takes you back to creating Target screen.

Note: Unlike EDI and XML formats, there is no simple way for an ROD splitter to understand the ROD format. Hence ROD splitter requires additional values like the package, protocol, process, meta data from where it can determine the ROD format. These meta data and other values are will come from the imported ROD to EDI map which is performed in the ROD to EDI tutorial

FromPackagingName	None
FromPackagingVersion	N/A
FromProtocolName	ADF-TO-EDI_DICT
FromProtocolVersion	ALL
FromProcessCode	DTADF-TO-EDI_ADF
FromProcessVersion	ALL
METADictionary	ADF-TO-EDI_DICT
METADOCUMENT	DTADF-TO-EDI_ADF
METASYN TAX	rod
ENCODING	ascii
BCG_BATCHDOCS	ON

Note:

FromProtocolName and METADictionary correspond to the name of the Dictionary name used when creating the transformation map

FromProcessCode and METADOCUMENT correspond to the name of the Document Definition name used when creating the transformation map

Since ROD format is not a standard, the splitter needs the Dictionary name and the Document Definition name to understand the format of the input file it receives.

One more important thing is that one target can only be configured for one ROD type. If you want to use different ROD formats, then you would need to configure independent targets each corresponding to one ROD format.

__ e) Press **Save** in the next screen.

3. Creating XML Target (Used for the XML to EDI tutorial)

__ a. Go to **Hub Admin** → **Hub Configuration** → **Targets** panel

1) Click "**Create Target**" located at the right most corner

__ a) Select "**File directory**" from the **Transport** dropdown menu.

__ b) Provide the Target name and target location in the file system as shown below.

Target Name: **XMLFileTarget**

Document Root Path: **C:\WPG Labs\xmlfiletarget**

Note: One important thing to remember is that the whole directory path except the “**edifiletarget**” should already exist in your file system. WPG does not create the directory structure. WPG only creates the “**xmlfiletarget**” directory and other directories needed under the already existing “**WPG Labs**” directory. So make sure that “**WPG Labs**” exists in **C:**

- ___ c) Select **preprocess** for **Configuration Point Handlers**
- ___ d) Select **com.ibm.bcg.edi.receiver.preprocesshandler.XMLSplitterHandler** from available list and add it to Configured list clicking the Add button.
- ___ e) Press **Save**

Part 4: Creating Participants

New Participants can be created only by Community Operators.



We need to create two participants. This document uses Manager and TP1 as the two participants. TP1 will be the source of the EDI document and Community Manager will be the receiver (target) of the generated XML document.

Creating the 1st trading participant which is the Manager.

Note: A community can only have one Community Manager

- __ a. Go to **Account Admin** → **Profiles** → **Community Participant**
- __ b. Click **“Create”** located on the right most corner of the screen to create new participant
- __ c. For Manager profile, provide
 - Company Login Name: **ComManager**
 - Participant Name: **Manager**
 - Select **“Community Manger”** as **“Participant Type”** and **“Other”** as **“Vendor Type”**
- __ d. Click New for Business ID and provide **123456789** as the identifier and Type of **“Freeform”**. Make sure you select business id as **Freeform** and not **DUNS**.
- __ e. Click New for Business ID and provide **01-123456789** as the identifier and Type of **“Freeform”**. Make sure you select business id as **Freeform** and not **DUNS**.

Note: All EDI IDs that have qualifiers need to be specified as freeform IDs in the format of `<qualifier-businessid>` Note that the qualifier and the business ID must be separated by a hyphen (-). For example, if a participant's EDI qualifier is "ZZ" and the business ID is "123456789" the corresponding freeform ID is `ZZ-123456789`.

- __ f. Click **Save**.
- __ g. In the next screen, you would be provided with a password. Save the password.


Note: The password can be used to login as that particular participant. To Login as Manager that you created now, Logout of the console and use the following

Username: **admin**

Password : **(the password that is displayed after creation of participant.)**

Company Login Name: **ComManager**

Profile : New Participant


Company Login Name *
Participant Display Name *
Participant Type *
Status Enabled Disabled
Vendor Type
Web Site

Business ID

Type	Identifier	Remove
<input type="text" value="Freeform"/>	<input type="text" value="123456789"/>	<input type="checkbox"/>
<input type="text" value="Freeform"/>	<input type="text" value="01-123456789"/>	<input type="checkbox"/>

IP Address or Host Name

Gateway Type	IP Address or Host Name	Remove
<input type="text" value="Production"/>	<input type="text" value="wpgdemo"/>	<input type="checkbox"/>

Create the 2nd Trading Partner, TP1.

- ___ a. Go to **Account Admin → Profiles → Community Participant**.
- ___ b. Click **“Create”** located on the right most corner of the screen to create new participant
 Login Name: **TP1**
 Participant Name: **TP1**
 Select **“Community Participant”** as **“Participant Type”** and **“Other”** as **“Vendor Type”**.
- ___ c. Click **New** for Business ID and provide **987654321** as the identifier and Type of **“Freeform”**.
 Make sure you select business id as **Freeform** and not DUNS.
- ___ d. Click **New** for Business ID and provide **01-987654321** as the identifier and Type of **“Freeform”**.
 Make sure you select business id as **Freeform** and not DUNS.

Note: All EDI IDs that have qualifiers need to be specified as freeform IDs in the format of `<qualifier-businessid>` Note that the qualifier and the business ID must be separated by a hyphen (-). For example, if a participant's EDI qualifier is "ZZ" and the business ID is "123456789" the corresponding freeform ID is `ZZ-123456789`.

- ___ e. Click **Save**
- ___ f. In the next screen, you would be provided with a password. Save the password.

Note: The password can be used to login as that particular participant. To Login as Manager that you created now, Logout of the console and use the following

Username: **admin**

Password : **(the password that is displayed after creation of participant.)**

Company Login Name: **TP1**

Profile > New Participant

Company Login Name *

Participant Display Name *

Participant Type *

Status Enabled Disabled

Vendor Type

Web Site

Business ID

Type	Identifier	Remove
<input type="text" value="Freeform"/>	<input type="text" value="987654321"/>	<input type="checkbox"/>
<input type="text" value="Freeform"/>	<input type="text" value="01-987654321"/>	<input type="checkbox"/>

IP Address or Host Name

Gateway Type	IP Address or Host Name	Remove
<input type="text" value="Production"/>	<input type="text" value="wpgdemo"/>	<input type="checkbox"/>

You have successfully created the required participants for the scenario

Part 5: Creating Gateways for the Participants

Gateways are hub exit points for outgoing document.

Users who have the privilege for creating Gateways are Community Operator, Community Manager and Community Participant



Community Operator: Can create gateways for all the participants including the Community Manager profiles


Community Manager: Can create gateways for its own profile

Community Participant: Can create gateways for its own profile

Creating Gateways For Manager Profile

We need to create two file gateways for the manager profile

Creating the first gateway for Manager:

- ___ 1. Go to **Account Admin** → **Profiles** → **Community Participant** and click on **Search** button. This should list all the Participants created
 - ___ a. Select the **Manager** profile by clicking on the  icon. This makes the “**Manager**” profile active.
- ___ 2. Click on the Gateways menu. You should see “**Profile :Manager :Gateway List**”.
 - ___ a. Click **Create** to create a new gateway
 - ___ b. In the Gateway Configuration section of the panel, for the **Transport** value, from the drop down menu, select “**File Directory**”.
 - ___ 1) Provide the values as shown below (and also in the figure below):

Gateway Name: **ManagerFileGateway**

Transport: **File Directory**

Address: **file://C:\WPGLabs\Manager\filegateway**

Note: Address field specifies the location in the file system where you want your gateway to be configured to. One important thing to remember is that the whole directory path should already exist in your file system. WebSphere Partner Gateway does not create the directory structure.

Profile » Manager » Gateway List

Gateway Name: *

Status: Enabled Disabled

Online/Offline: Online Offline

Description:

Gateway Configuration

Transport:

Address:

Retry Count:

Retry Interval: seconds

Number of Threads:

Validate Client IP: No Yes

Auto Queue: No Yes


Use Unique File Name:

Handlers

Configuration Point Handlers:

- ___ 2) Click **Save**.
- ___ 3) In the next screen, go to the right corner of the WPG console and Click on **List**. This screen lists all the Gateways configured for **Manager**.
- ___ 4) Click on **View Default Gateways** located on the top right corner of the screen.
- ___ 5) Select the gateway you created from the **Production** drop down menu which is the **ManagerFileGateway**
- ___ 6) Click **Save**.

Creating the second gateway for Manager:

- ___ 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, **Manager**, by clicking on the  icon.
- ___ 2. Click on the **Gateways** menu. You should see **Profile » Manager » Gateway List**
 - ___ a. Click **Create** to create a new gateway
 - ___ b. In the Gateway Configuration section of the panel, for the Transport value, from the drop down menu, select "**File Directory**".
- ___ 1) Provide the values as shown in the figure.

Gateway Name: **ManagerFileGateway2**

Transport: **File Directory**

Address: **file://C:\WPGLabs\Manager\filegateway2**

__ 2) Click **Save**.

Note: Address field specifies the location in the file system where you want your gateway to be configured to. One important thing to remember is that the whole directory path should already exist in your file system. WebSphere Partner Gateway does not create the directory structure.


The screenshot shows the configuration page for a gateway named 'ManagerFileGateway2'. The page is titled 'Profile : Manager : Gateway List : ManagerFileGateway2'. It contains several sections:

- Gateway Name:** ManagerFileGateway2 *
- Status:** Enabled Disabled
- Online/Offline:** Online Offline
- Description:** (Empty text box)
- Gateway Configuration:**
 - Transport:** File Directory (dropdown)
 - Address:** file://C:\WPGLabs\Manager\filegateway2 *
 - Retry Count:** 3
 - Retry Interval:** 300 seconds
 - Number of Threads:** 3 (dropdown)
 - Validate Client IP:** No Yes
 - Auto Queue:** No Yes
 - Use Unique File Name:**
- Handlers:**
 - Configuration Point Handlers:** Select One (dropdown)

At the bottom, there are 'Save' and 'Cancel' buttons.

Creating Gateway For TP1 Profile

Now, we will create the Gateway for Trading partner TP1. This activity can be done by the Community Operator or the Community participant TP1. For sake of simplicity, we are doing this activity as Community Operator.

- ___ 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 the  icon. This should activate the **TP1** profile
- ___ 2. Click on the **Gateways** menu. You should see **Profile : TP1 : Gateway List**
 - __ a. Click **Create** to create a new gateway

___ b. In the Gateway Configuration section of the panel, for the Transport value, from the drop down menu, select "**File Directory**".

___ 1) Provide the values as shown in the figure.

Gateway Name: **TP1FileGateway**

Transport: **File Directory**

Address: **file://C:\WPGLabs\TP1\filegateway**

Note: Address field specifies the location in the file system where you want your gateway to be configured to. One important thing to remember is that the whole directory path should already exist in your file system. WebSphere Partner Gateway does not create the directory structure.

The screenshot shows the 'Profile > TP1 > Gateway List' configuration window. The 'Gateway Name' field is set to 'TP1FileGateway'. The 'Status' is 'Enabled' and 'Online/Offline' is 'Online'. The 'Description' field is empty. The 'Gateway Configuration' section includes: 'Transport' set to 'File Directory', 'Address' set to 'file://C:\WPGLabs\TP1\filegateway', 'Retry Count' set to 3, 'Retry Interval' set to 300 seconds, 'Number of Threads' set to 3, 'Validate Client IP' set to 'No', 'Auto Queue' set to 'No', and 'Use Unique File Name' checked. The 'Handlers' section shows 'Configuration Point Handlers' set to 'Select One'. 'Save' and 'Cancel' buttons are at the bottom.

___ 2) Click **Save**.

___ 3) In the next screen, go to the right corner of the WPG console and Click on **List**. This screen lists all the Gateways configured for **TP1**.

___ 4) Click on **View Default Gateways** located on the top right corner of the screen.

___ 5) Select the gateway you created from the **Production** drop down menu which is the **TP1FileGateway**

___ 6) Click **Save**.

You have successfully created the file gateways for the Manger and TP1 trading participants

Part 6: Creating Envelope Profiles

Community Operator has the privilege for Creating Envelope Profiles.



Envelope Segments refers to the segments which are automatically inserted before and after messages, these segments do not ordinarily contain transaction data, they serve as envelope segments to the data segments. These segments are generally known as Service Segments or Envelope Segments. Envelope segments are responsible for containing Interchange & message reference numbers, count of contents (such as; Segments within Message and Messages within Interchange), Identification values and control data.

Envelope profiles are used to provide the values for the fields in the Envelope Segments. Attribute values can be specified for General, Interchange, Group and Message levels.

For the Labs, we need to create two Envelope profiles

Creating the First Envelope Profile

- ___ 1. Go to **Hub Admin → Hub Configuration → EDI → Envelope Profile**.
 - ___ a. Click **Create** located on the right most corner to create a new Envelope Profile
 - ___ b. In the next screen, provide the following values.
 - *Envelope profile name:* **EnvProfile 1**
Type a unique name for the new envelope profile. This is a required field.
 - *Description:* Optionally, type a brief description of the envelope profile.
 - *EDI Standard:* **X12**
(For EDI Standard, X12 can be selected from the drop down menu)
 - ___ c. Click on the Radio button next to General and provide the following values.

General

INTCTLLEN: 9

Defines a specific length for the interchange control number. If you enter a value, it must be an integer. If no value is entered, the default length is used.

GRPCTLLEN: 9

Defines a specific length for the group control number. If you enter a value, it must be an integer. If no value is entered, the default length is used.

TRXCTLLEN: 9

Defines a specific length for the transaction control number. If you enter a value, it must be an integer. If no value is entered, the default length is used.

ENVTYPE: X12

This attribute is not set by the Hub Admin but is derived from the envelope profile type being created. Specifies Envelope Type

MAXDOCS: 1000

Maximum number of transactions in an envelope. Must be an integer

CTLNUMFLAG: NO

“Yes” indicates that separate sets of control numbers are kept based on the EDI transaction type. “No” indicates that a common set of control numbers for any EDI transaction type should be used.

- ___ d. Click on the Radio button next to Interchange attributes and provide the following values in bold text

Interchange

<i>ISA01: Authorization Information Qualifier:</i>	01
<i>ISA02: Authorization Information:</i>	ISA0000002
<i>ISA03: Security Information Qualifier:</i>	02
<i>ISA04: Security Information:</i>	ISA0000004
<i>ISA05: Interchange Sender Qualifier:</i>	-
<i>ISA06: Interchange Sender Id:</i>	-
<i>ISA07: Interchange Receiver Qualifier:</i>	-
<i>ISA08: Interchange Receiver Id:</i>	-
<i>ISA09: Interchange Date:</i>	-
<i>ISA10: Interchange Time:</i>	-
<i>ISA11: Interchange Standards Id:</i>	U
<i>ISA12: Interchange Version Id:</i>	00204
<i>ISA13: Interchange Control number:</i>	-
<i>ISA14: Acknowledge Requested:</i>	0
<i>ISA15: Test Indicator:</i>	T
<i>ISA16: Subelement Separator:</i>	-

___ e. Click **Save**

Creating the Second Envelope Profile

___ 1. Go to **Hub Admin → Hub Configuration → EDI → Envelope Profile**.

___ a. Click **Create** located on the right most corner to create a new Envelope Profile

___ b. In the next screen, provide the following values.

- *Envelope profile name:* **EnvProfile 2**

Type a unique name for the new envelope profile. This is a required field.

- *Description:* Optionally, type a brief description of the envelope profile.

- *EDI Standard:* **X12**

(For EDI Standard, X12 can be selected from the drop down menu)

___ c. Click on the Radio button next to General and provide the following values.

General

INTCTLEN: 9

Defines a specific length for the interchange control number. If you enter a value, it must be an integer. If no value is entered, the default length is used.

GRPCTLEN: 9

Defines a specific length for the group control number. If you enter a value, it must be an integer. If no value is entered, the default length is used.

TRXCTLEN: 9

Defines a specific length for the transaction control number. If you enter a value, it must be an integer. If no value is entered, the default length is used.

ENVTYPE: X12

This attribute is not set by the Hub Admin but is derived from the envelope profile type being created. Specifies Envelope Type

MAXDOCS: 1000

Maximum number of transactions in an envelope. Must be an integer

CTLNUMFLAG: NO

“Yes” indicates that separate sets of control numbers are kept based on the EDI transaction type. “No” indicates that a common set of control numbers for any EDI transaction type should be used.

___ d. Click on the Radio button next to Interchange attributes and provide the following values in bold text

Interchange

<i>ISA01: Authorization Information Qualifier:</i>	01
<i>ISA02: Authorization Information:</i>	ISA2222222
<i>ISA03: Security Information Qualifier:</i>	02
<i>ISA04: Security Information:</i>	ISA4444444
<i>ISA05: Interchange Sender Qualifier:</i>	-
<i>ISA06: Interchange Sender Id:</i>	-
<i>ISA07: Interchange Receiver Qualifier:</i>	-
<i>ISA08: Interchange Receiver Id:</i>	-
<i>ISA09: Interchange Date:</i>	-
<i>ISA10: Interchange Time:</i>	-
<i>ISA11: Interchange Standards Id:</i>	U
<i>ISA12: Interchange Version Id:</i>	00204
<i>ISA13: Interchange Control number:</i>	-
<i>ISA14: Acknowledge Requested:</i>	0
<i>ISA15: Test Indicator:</i>	T
<i>ISA16: Subelement Separator:</i>	-

___ e. Click **Save**

You have successfully created the envelope profiles

What you did in this exercise

In this exercise, you have created participants, targets, participant gateways, envelope profiles and connection profiles which are used later for the labs.

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