Tests definitions

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Test case #13488 CHXCA-I_INIT_GW_RAD-69_RAD-75

Test Summary

Keyword :	CHXCA-I_INIT_GW_RAD-69_RAD-75	**Type :**	conformity assessment
Name :	CHXCA-I_INIT_GW_RAD-69_RAD-75	**Peer Type :**	NO_PEER_TEST
Version :	1.2	**Status :**	ready
Author :	aeschlimann	**Verified by :**	aeschlimann
Date of last	2023-12-07 16:06:47.939755 by vhofman		

Short Description : This test will verify the ability of the SUT to answer an RAD-69 query from a Document Consumer, as well as sending a document set the request (RAD-75) to a Responding Gateway simulator.

Test Description

Special Instructions

In this test case, we will test the RAD-69 transaction initiated by a simulator acting as a XCA-I Document Consumer to the SUT, followed by the corresponding RAD-75 request sent by the SUT a simulator acting as a XCA-I Responding Gateway.

The Responding Gateway simulator and the Document Source simulator are already initialized, you'll need to use the corresponding endpoint :

Responding Gateway : **https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing__resp_img_gw/rig/xcr.ids**

Important : TLS is mandatory to every request in the XDS profile, as a consequence every endpoint have to use HTTPS.

The Initiating Imaging Gateway actor is expected to act as a X-Service Provider. This test will also be used to assess this role when receiving a RAD-69 transaction. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-PROV_ITI-40

Moreover, the Initiating Imaging Gateway actor is expected to act as a X-Service User. This test will also be used to assess this role when sending a RAD-75 transaction. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-USER_ITI-40

Description

- Before anything, configure your system to be able to test its role as X-Service Provider and X-Service User.

The requests will be sent to your SUT from Gazelle Webservice Tester. To execute this test:

1. Access Gazelle Webservice Tester and log into the application;
2. Go to menu "Run";
3. Select the test project name **EPR XCA-I Initiating Gateway** from the drop-down list;
4. Select test suite **[RAD-69] Retrieve_Imaging_Document_Set TestSuite** by ticking the checkbox in front of its name;
5. Enter the URL of your system under test endpoint (shall be a secured endpoint)
6. Click on "Run" button
7. Wait for the script to complete its execution;
8. When the script stops, copy the permanent link of the execution to the test step in Gazelle Test Management

Take note of the time at which you initiated your transaction, it'll be helpful for one of the validation step.

The conformance of the responses sent back by your system shall be assessed. In Gazelle Webservice Tester, [for the following test steps], validate the message in EVSClient. To do so:

1. Click on the play icon next to the response type;
2. You have been redirected to EVSClient, select **XDS-CH** in EPR group and click on the "**Go**" button;
3. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

- You'll need to recover their logs from XDSTools :

- Go to XDSTools7 homepage
- At the top of the page, set the Environment to **ehealthsuisse** and the Test Session to **epr-testing** from the drop-down lists
- At the left side of the page, click on the "**New Simulator Logs**" option (in the "**Toolkit**" section)
- Select the simulator that participated in your transaction (here it's **epr-testing__resp_img_gw**)
- In the **Message** menu, pick the logs corresponding to your transaction using your IP and transaction time (pick the oldest of the six from the list)
- From the **Request Body** tab, copy the Enveloppe of your request in an xml file

- Now to validate your request with the validation tool EVSClient :

- In EVSClient, choose on the menu **EPR > XDS-CH > Validate**
- Upload your XML message. Then, in Model Based Validation select: **CH XCA-I RAD-75 Cross GatewayRetrieve Imaging Document Set - request** to validate your request
- Copy the permanent link to your validation in the corresponding test step

For each steps, upload a proof that your system has correctly retrieved the documents.

Evaluation

The monitor will check that you copied the link to this test instance to the corresponding test step of the test case XUA_X-SERVICE-PROV_ITI-40 AND XUA_X-SERVICE-USER_ITI-40.

The status of the transaction on GWT must be "**Passed**" (RAD-69).

The validations on EVS Client must return "**Passed**" (RAD-69 AND RAD-75).

Test Participants

Test Participants

Role in test : EPR_XCA-I.b_IMAGING_DOC_CONS_SIMU (Tool) **Option :** R **Nb of instances :** 1

Role in test : EPR_XCA-I.b_INIT_GW_SUT (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
INIT_IMG_GATEWAY	CH:XCA-I	NONE

Role in test : EPR_XCA-I.b_RESP_GW_SIMU (Tool) **Option :** R **Nb of instances :** 1

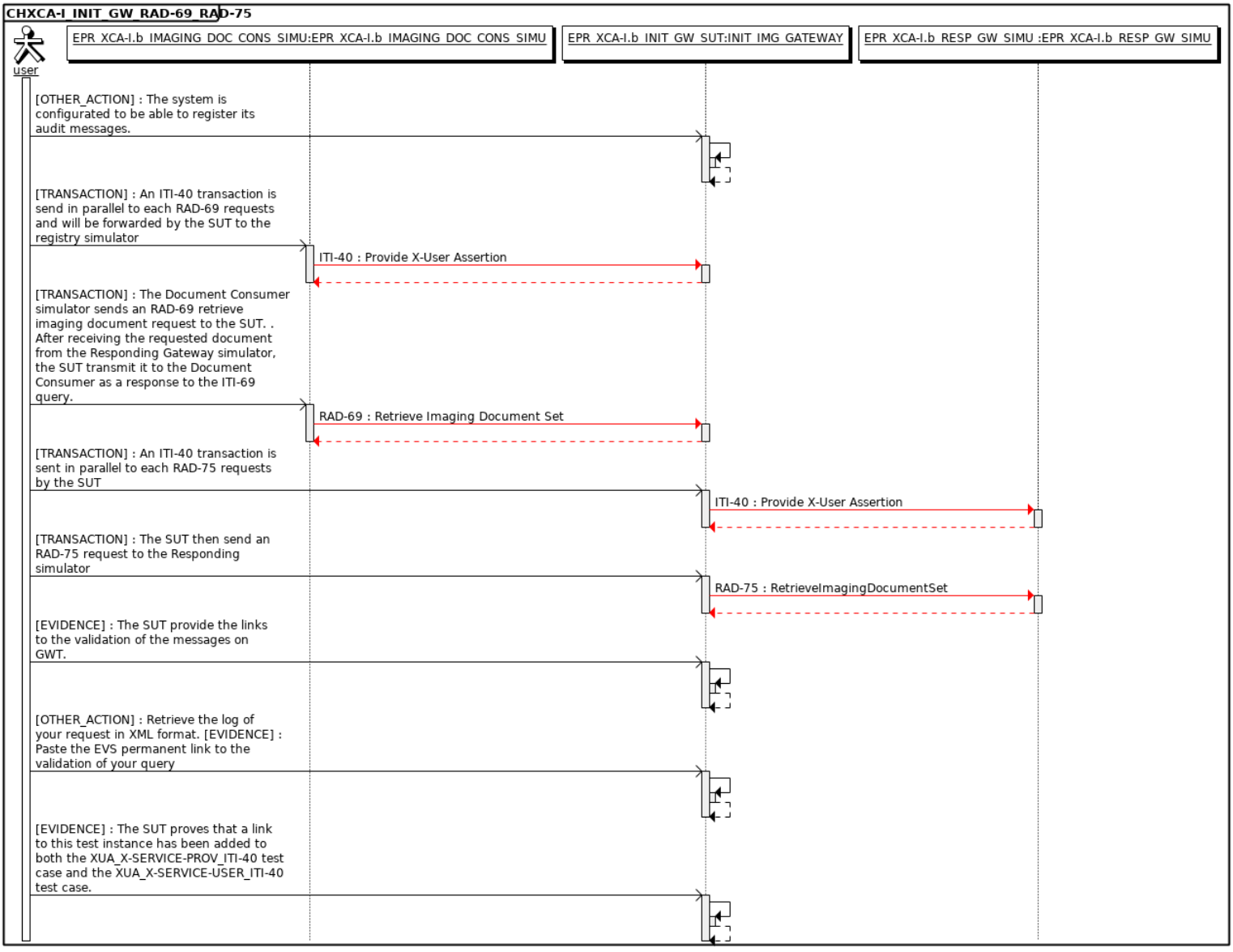
Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA-I.b_INIT_GW_SUT	EPR_XCA-I.b_INIT_GW_SUT		None	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
9	EPR_XCA-I.b_IMAGING_DOC_CONS_SIMU	EPR_XCA-I.b_INIT_GW_SUT	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 transaction is send in parallel to each RAD-69 requests and will be forwarded by the SUT to the registry simulator							
10	EPR_XCA-I.b_IMAGING_DOC_CONS_SIMU	EPR_XCA-I.b_INIT_GW_SUT	RAD-69	Retrieve Imaging Document Set	Yes	Required	
[TRANSACTION] : The Document Consumer simulator sends an RAD-69 retrieve imaging document request to the SUT. . After receiving the requested document from the Responding Gateway simulator, the SUT transmit it to the Document Consumer as a response to the ITI-69 query.							
12	EPR_XCA-I.b_INIT_GW_SUT	EPR_XCA-I.b_RESP_GW_SIMU	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 transaction is sent in parallel to each RAD-75 requests by the SUT							
14	EPR_XCA-I.b_INIT_GW_SUT	EPR_XCA-I.b_RESP_GW_SIMU	RAD-75	RetrieveImagingDocumentSet	Yes	Required	
[TRANSACTION] : The SUT then send an RAD-75 request to the Responding simulator							

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
20	EPR_XCA-I.b_INIT_GW_SUT	EPR_XCA-I.b_INIT_GW_SUT		None	No	Required	
[EVIDENCE] : The SUT provide the links to the validation of the messages on GWT.							
30	EPR_XCA-I.b_INIT_GW_SUT	EPR_XCA-I.b_INIT_GW_SUT		None	No	Required	
[OTHER_ACTION] : Retrieve the log of your request in XML format. [EVIDENCE] : Paste the EVS permanent link to the validation of your query							
40	EPR_XCA-I.b_INIT_GW_SUT	EPR_XCA-I.b_INIT_GW_SUT		None	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance has been added to both the XUA_X-SERVICE-PROV_ITI-40 test case and the XUA_X-SERVICE-USER_ITI-40 test case.							

Sequence Diagram



Test case #13487 CHXCA-I_RESP_GW_RAD-69_RAD-75

Test Summary

Keyword :	CHXCA-I_RESP_GW_RAD-69_RAD-75	**Type :**	conformity assessment
Name :	CHXCA-I_RESP_GW_RAD-69_RAD-75	**Peer Type :**	NO_PEER_TEST
Version :	1.2	**Status :**	ready
Author :	aeschlimann	**Verified by :**	aeschlimann
Date of last	2023-12-07 16:05:52.990282 by vhofman		

Short Description : This test is to provide the data necessary to execute the XCA-I RAD-69 and RAD-75 transactions for Responding Gateway testing.

Test Description

Special Instructions

In this test case, we will test the RAD-75 transaction initiated by a simulator acting as a XCA-I Initiating Gateway to the SUT and the RAD-69 corresponding transaction from the SUT to a simulator acting as a XCA-I Document Source.

The document requested have already been initialized on the Document Source simulator, you'll need to use the corresponding endpoint :

Document Source : **https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing__imaging_document_source/ids/ret.ids**

Important : TLS is mandatory to every request in the XDS profile, as a consequence every endpoint have to use HTTPS.

The Responding Imaging Gateway actor is expected to act as a X-Service Provider. This test will also be used to assess this role when receiving a RAD-75 transaction. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-PROV_ITI-40

Moreover, the Responding Imaging Gateway actor is expected to act as a X-Service User. This test will also be used to assess this role when sending a RAD-69 transaction. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-USER_ITI-40

Description

- Before anything, configure your system to be able to test its role as X-Service Provider and X-Service User.

The requests will be sent to your SUT from Gazelle Webservice Tester. To execute this test:

1. Access Gazelle Webservice Tester and log into the application;
2. Go to menu "Run";
3. Select the test project name **EPR XCA-I Responding Gateway** from the drop-down list;
4. Select test suite **[RAD-75] Cross_Gateway_Retrieve_Imaging_Document_Set TestSuite** by ticking the checkbox in front of its name;
5. Enter the URL of your system under test endpoint (shall be a secured endpoint)
6. Click on "Run" button
7. Wait for the script to complete its execution;
8. When the script stops, copy the permanent link of the execution to the test step in Gazelle Test Management

Take note of the time at which you initiated your transaction, it'll be helpful for one of the validation step.

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The conformance of the responses sent back by your system shall be assessed. In Gazelle Webservice Tester, validate the responses in EVSClient. To do so:

1. Click on the play icon next to the response type;
2. You have been redirected to EVSClient, select **XDS-CH** in EPR group and click on the "**Go**" button;;
3. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

The conformance of the request ([ITI-69]) sent by your system shall also be assessed. To do so:

- You'll need to recover their logs from XDSTools :

- Go to XDSTools7 homepage
- At the top of the page, set the Environment to **ehealthsuisse** and the Test Session to **epr-testing** from the drop-down lists
- At the left side of the page, click on the "**New Simulator Logs**" option (in the "**Toolkit**" section)
- Select the simulator that participated in your transaction (here it's **epr-testing__imaging_document_source**)
- In the **Message** menu, pick the logs corresponding to your transaction using your IP and transaction time (pick the oldest of the four from the list)
- From the **Request Body** tab, copy the Enveloppe of your request in an xml file

- Now to validate your request with the validation tool EVSClient :

- In EVSClient, choose on the menu **EPR > XDS-CH > Validate**
- Upload your XML message. Then, in Model Based Validation select: **CH XCA-I RAD-69 Retrieve Imaging Document Set - request** to validate your request
- Copy the permanent link to your validation in the corresponding test step

For each steps, upload a proof that your system has correctly retrieved the documents.

Evaluation

The monitor will check that you copied the link to this test instance to the corresponding test step of the test case XUA_X-SERVICE-PROV_ITI-40 AND XUA_X-SERVICE-USER_ITI-40.

The status of the transaction on GWT must be "**Passed**" (RAD-75).

The validations on EVS Client must return "**Passed**" (RAD-75 and RAD-69)

Test Participants

Role in test : EPR_XCA-I.b_IMAGING_DOC_SOURCE_SIMU **Option :** R **Nb of instances :** 1

Role in test : EPR_XCA-I.b_INIT_GW_SIMU (Tool) **Option :** R **Nb of instances :** 1

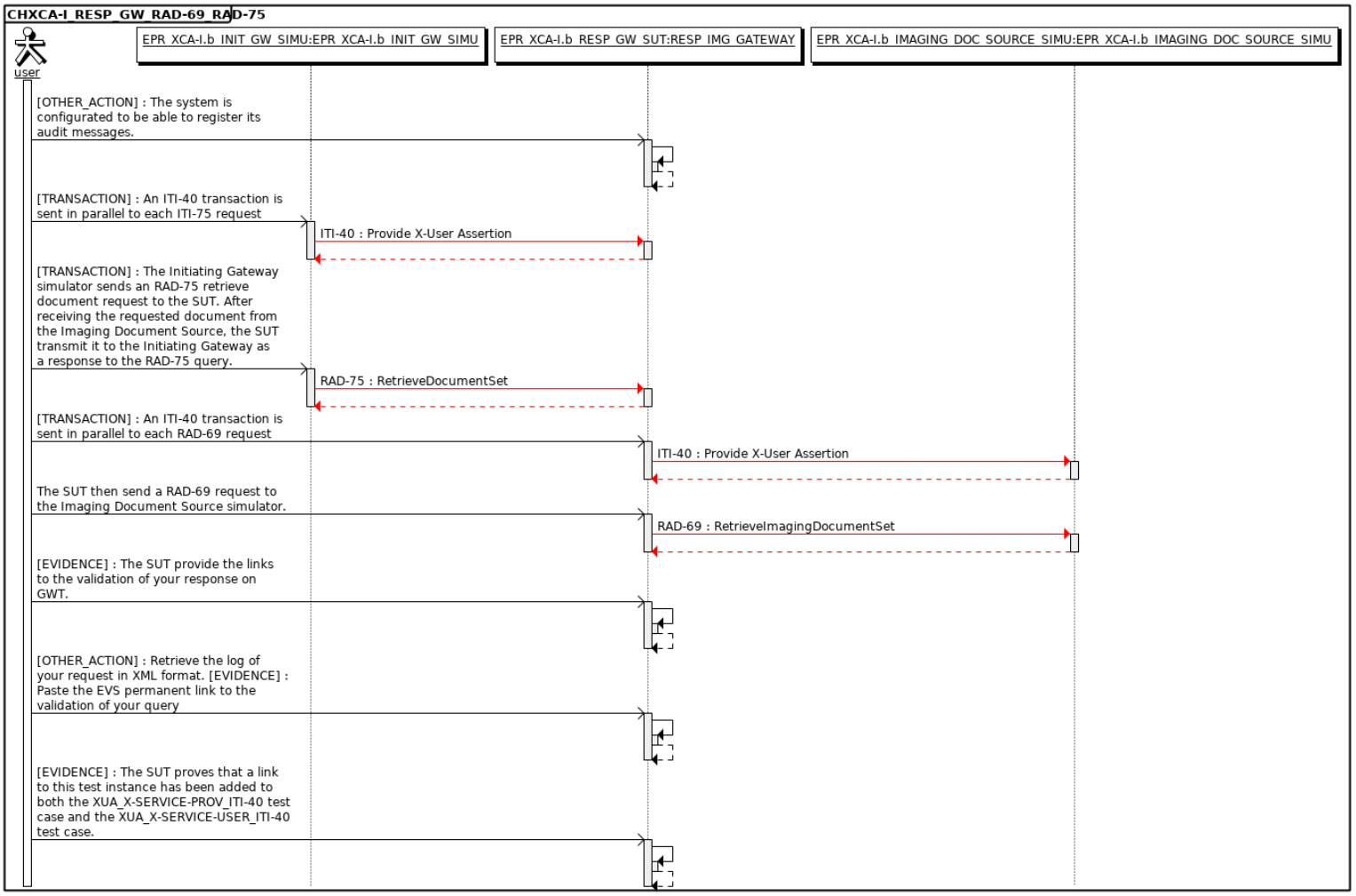
Role in test : EPR_XCA-I.b_RESP_GW_SUT (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
RESP_IMG_GATEWAY	CH:XCA-I	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA-I.b_RESP_GW_SUT	EPR_XCA-I.b_RESP_GW_SUT		None	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
9	EPR_XCA-I.b_INIT_GW_SIMU	EPR_XCA-I.b_RESP_GW_SUT	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 transaction is sent in parallel to each ITI-75 request							
10	EPR_XCA-I.b_INIT_GW_SIMU	EPR_XCA-I.b_RESP_GW_SUT	RAD-75	RetrieveDocumentSet	Yes	Required	
[TRANSACTION] : The Initiating Gateway simulator sends an RAD-75 retrieve document request to the SUT. After receiving the requested document from the Imaging Document Source, the SUT transmit it to the Initiating Gateway as a response to the RAD-75 query.							
14	EPR_XCA-I.b_RESP_GW_SUT	EPR_XCA-I.b_IMAGING_DOC_SOURCE_SIMU	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 transaction is sent in parallel to each RAD-69 request							
16	EPR_XCA-I.b_RESP_GW_SUT	EPR_XCA-I.b_IMAGING_DOC_SOURCE_SIMU	RAD-69	RetrieveImagingDocumentSet	Yes	Required	
The SUT then send a RAD-69 request to the Imaging Document Source simulator.							
20	EPR_XCA-I.b_RESP_GW_SUT	EPR_XCA-I.b_RESP_GW_SUT		None	No	Required	

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
[EVIDENCE] : The SUT provide the links to the validation of your response on GWT.							
30	EPR_XCA-I.b_RESP_GW_SUT	EPR_XCA-I.b_RESP_GW_SUT		None	No	Required	
[OTHER_ACTION] : Retrieve the log of your request in XML format. [EVIDENCE] : Paste the EVS permanent link to the validation of your query							
40	EPR_XCA-I.b_RESP_GW_SUT	EPR_XCA-I.b_RESP_GW_SUT		None	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance has been added to both the XUA_X-SERVICE-PROV_ITI-40 test case and the XUA_X-SERVICE-USER_ITI-40 test case.							

Sequence Diagram