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## Test case #13918 CHXCA\_INIT-GW\_ITI-38

### Test Summary

<b>Keyword :</b> CHXCA_INIT-GW_ITI-38_CTS	<b>Type :</b> conformity assessment
<b>Name :</b> CHXCA_INIT-GW_ITI-38	<b>Peer Type :</b> NO_PEER_TEST
<b>Version :</b> 1.5	<b>Status :</b> ready
<b>Author :</b> vhofman	<b>Verified by :</b> <b>Not verified</b>
<b>Date of last</b> 2025-07-21 10:28:52.176588 by sthiam	

**Short Description :** This test is to verify the SUT capacity to query the metadatas of documents through an ITI-38 transaction to a XCA Responding Gateway.

### Test Description

**Special Instructions**

In this test case, we will use GWT to send ITI-18 transactions to the SUT, which will then send the corresponding ITI-38 transactions to a simulator (XDSTools) acting as a Responding Gateway.

To perform this test, you'll need to follow the instructions listed in [XCA\\_INIT-GW\\_CONF](#).

Since your system will need to resolve the MPI-PID of the patient in the Gazelle community, you also need to make sure that your XCPD Initiating Gateway is configured properly.

To do so, configure your system under test to interact with [Patient Manager](#). The configuration details for interacting with the XCPD Responding Gateway are available under **XCPD > Responding Gateway**.

The Initiating Gateway actor is expected to act as a X-Service Provider. This test will also be used to assess this role when receiving an ITI-18 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 Gateway actor is expected to act as a X-Service User. This test will also be used to assess this role when sending an ITI-38 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, X-Service User and execute [XCA\\_INIT-GW\\_CONF](#).

- Make sure you have followed the instructions in the test case [XCA\\_INIT-GW\\_CONF](#) and that your XCPD Gateway is able to interact with Patient Manager.

- To initiate this test, a simulator will send a serie of four ITI-18 requests to your SUT ( FindDocument query ; GetDocument query ; FindSubmissionSet query and GetSubmissionSet&Content query), using 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 Initiating Gateway** from the drop-down list;
4. Select test suite **[ITI-18] Registry Stored queries TestSuite** by ticking the checkbox in front of its name;
5. Enter the URL of your SUT (shall be a secured endpoint)
6. Click on "Run" button
7. Wait for the script to complete its execution;

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

- Once your ITI-38 requests has been executed, 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\_for\_init\_gw\_testing**)
- In the **Message** menu, pick the logs corresponding to your transaction using your IP and transaction time
- From the **Request Body** tab, copy the [Envelope](#) of your request in an xml file

- **Now to validate all your requests with the validation tool [EVSCient](#) :**

- In EVSCient, choose on the menu **EPR > XDS-CH > Validate**
- Upload your XML message. Then, in Model Based Validation select: **CH XCA ITI-38 Cross Gateway Query - 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 metadatas.

**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 validations on EVSCient and GWT must be passed.

Test Participants		
Role in test : EPR_XCA_INIT_GATEWAY_SUT (SUT)	Option : R	Nb of instances : 1
<b>Actor</b>	<b>Profile</b>	<b>Option</b>
INIT_GATEWAY	XCA	NONE

### Test Participants

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE

**Role in test :** EPR\_XCA\_RESP\_GATEWAY\_SIMU (Tool)      **Option :** R      **Nb of instances :** 1

**Role in test :** EPR\_XDS.b\_DOC\_CONSUMER\_SIMU (Tool)      **Option :** R      **Nb of instances :** 1

### Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_INIT_GATEWAY_SUT		Evidence	No	Required	[OTHER_ACTION] : The system is configured to be able to register its audit messages.
9	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XCA_INIT_GATEWAY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-18 request
10	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XCA_INIT_GATEWAY_SUT	ITI-18	RegistryStoredQuery	Yes	Required	[TRANSACTION] : The Document Consumer simulator sends a serie of ITI-18 queries.
29	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_RESP_GATEWAY_SIMU	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-38 request
30	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_RESP_GATEWAY_SIMU	ITI-38	FindSubmissionSets	Yes	Required	[TRANSACTION] : For each ITI-18 received, your SUT sends an ITI-38 to a Responding Gateway simulator
60	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_INIT_GATEWAY_SUT		Evidence	No	Required	[OTHER_ACTION] : Retrieve the log of your request in XML format. [EVIDENCE] : Paste the permanent links to the validation on EVSClient and GWT

### Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
70	EPR_XCA_INIT_GATEWAY_SUT EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_INIT_GATEWAY_SUT EPR_XCA_INIT_GATEWAY_SUT		Evidence	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 #14022 CHXCA\_INIT-GW\_ITI-38\_Unavailable\_Community

## Test Summary

**Keyword :** CHXCA\_INIT-GW\_ITI-

**Type :** conformity assessment

**Name :** CHXCA\_INIT-GW\_ITI-

**Peer Type :** NO\_PEER\_TEST

**Version :** 1.0

**Status :** ready

**Author :** vhofman

**Verified by :** **Not verified**

**Date of last** 2024-06-10 11:12:59.600429 by vhofman

**Short Description :** This test is to verify the SUT capacity to add errors in the response when a community isn't available

## Test Description

**Short Description**

The Document Consumer (the simulator) queries the metadata of a document from the Initiating Gateway (The System Under Test). At least one of the community isn't available and the Initiating Gateway responds with an error.

**Prerequisite**

You SHALL have passed this test case: [CHXCA\\_INIT-GW\\_ITI-38](#)

The Initiating Gateway SHALL be configured with at least 1 missing Responding Gateway (i.e. [urn:oid:1.1.4567334.1.999](#)).

**WARNING:** Make sure to remove this missing Responding Gateway configuration after running this test case so that it won't affect your other tests.

**Special Instructions**

In this test case, we will use GWT to send ITI-18 transactions to the SUT, which will try to send the corresponding ITI-38 transactions to a missing Responding Gateway.

The responding Gateway doesn't respond so the Initiating Gateway SHALL add a XDSUnavailableCommunity message in its response.

```
<rs:RegistryErrorList
  highestSeverity="urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Warning">
  <rs:RegistryError
    errorCode="XDSUnavailableCommunity"
    codeContext="The community urn:oid:1.1.4567334.1.999 is not available."
    location=""
    severity="urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Warning" />
</rs:RegistryErrorList>
```

To perform this test, you'll also need available Responding Gateways and to follow the instructions listed in [XCA\\_INIT-GW\\_CONF](#).

Since your system will need to resolve the MPI-PID of the patient in the Gazelle community, you also need to make sure that your XCPD Initiating Gateway is configured properly.

To do so, configure your system under test to interact with [Patient Manager](#). The configuration details for interacting with the XCPD Responding Gateway are available under **XCPD > Responding Gateway**.

The Initiating Gateway actor is expected to act as a X-Service Provider. This test will also be used to assess this role when receiving an ITI-18 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 Gateway actor is expected to act as a X-Service User. This test will also be used to assess this role when sending an ITI-38 transaction to available or unavailable Responding Gateways. 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, please fulfill your system with a "fake" Responding Gateway (see Prerequisite section)
- Configure your system to be able to test its role as X-Service Provider, X-Service User and execute [XCA\\_INIT-GW\\_CONF](#).
- Make sure you have followed the instructions in the test case [XCA\\_INIT-GW\\_CONF](#) and that your XCPD Gateway is able to interact with Patient Manager.
- To initiate this test, a simulator will send a serie of two ITI-18 requests to your SUT ( FindDocument query and FindSubmissionSet query), using 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 Initiating Gateway** from the drop-down list;
  4. Select test suite **[ITI-18] Registry Stored queries Unavailable Community** by ticking the checkbox in front of its name;
  5. Enter the URL of your SUT (shall be a secured endpoint)
  6. Click on "Run" button
  7. Wait for the script to complete its execution;

The client simulator checks that at least 1 XDSUnavailableCommunity element is present in the Initiating Gateway response.

**Evaluation**

The monitor will check that you copied the permanent link to this test instance.

The validations on GWT must be passed.

Test Participants		
Role in test	Option	Nb of instances
EPR_XCA_INIT_GATEWAY_SUT (SUT)		
<b>Actor</b>	<b>Profile</b>	<b>Option</b>
INIT_GATEWAY	XCA	NONE
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
EPR_XCA_RESP_GATEWAY_SIMU (Tool)		
	Option : R	Nb of instances : 1

## Test Participants

Role in test : EPR\_XDS.b\_DOC\_CONSUMER\_SIMU (Tool)

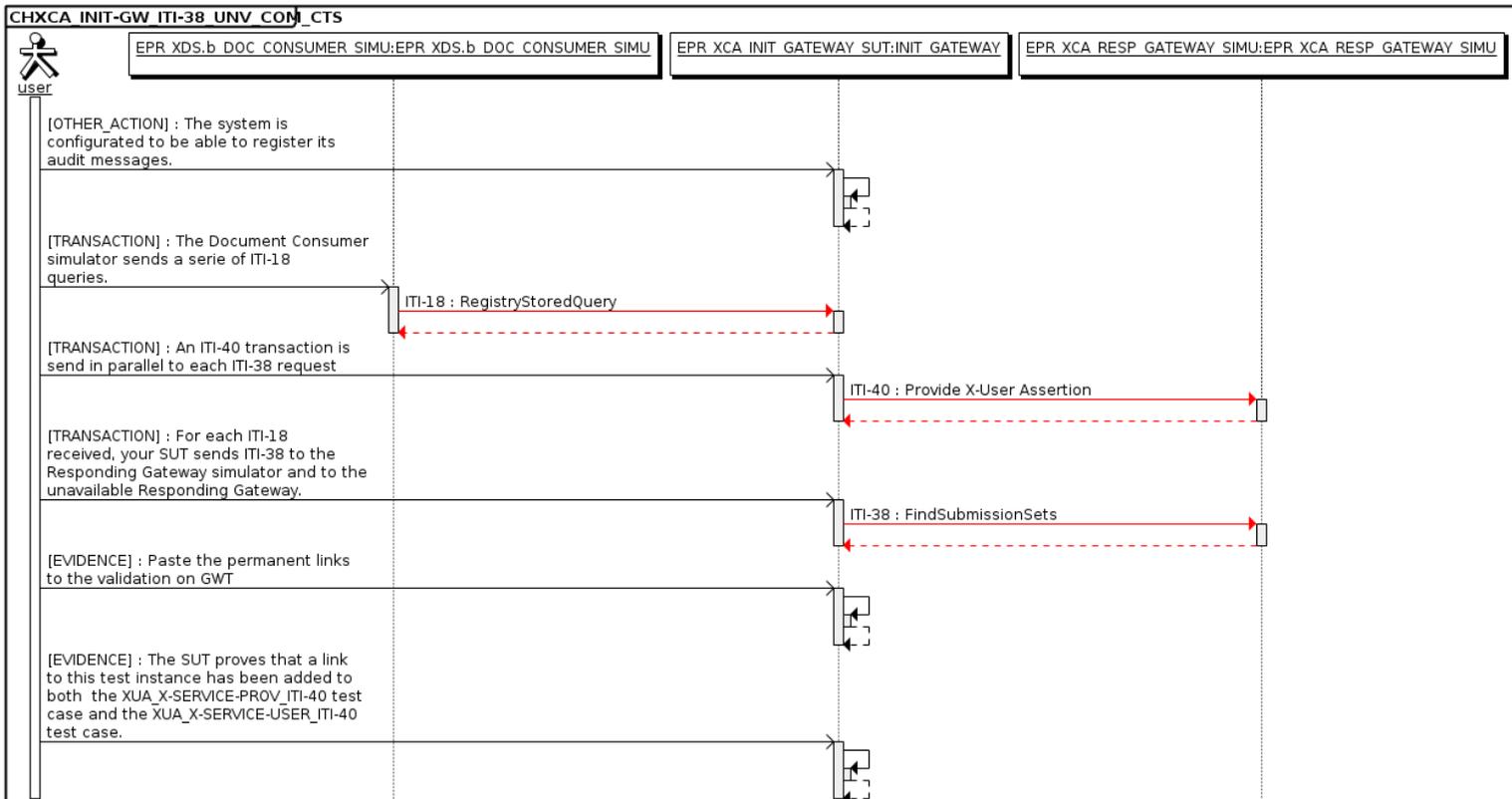
Option : R

Nb of instances : 1

## Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_I_NIT_GATEWAY_SUT		Evidence	No	Required	
[OTHER_ACTION] : The system is configured to be able to register its audit messages.							
10	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XCA_I_NIT_GATEWAY_SUT	ITI-18	RegistryStoredQuery	Yes	Required	
[TRANSACTION] : The Document Consumer simulator sends a serie of ITI-18 queries.							
29	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_R_ESP_GATEWAY_SIMU	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-38 request							
30	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_R_ESP_GATEWAY_SIMU	ITI-38	FindSubmissionSets	Yes	Required	
[TRANSACTION] : For each ITI-18 received, your SUT sends ITI-38 to the Responding Gateway simulator and to the unavailable Responding Gateway.							
60	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_I_NIT_GATEWAY_SUT		Evidence	No	Required	
[EVIDENCE] : Paste the permanent links to the validation on GWT							
70	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_I_NIT_GATEWAY_SUT		Evidence	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





**Special Instructions**

In this test case, we will use GWT to send ITI-43 transactions to the SUT, which will then send the corresponding ITI-39 transactions to a simulator (XDSTools) acting as a Responding Gateway.

To perform this test, you'll need to follow the instructions listed in [XCA\\_INIT-GW\\_CONF](#).

Since your system might need to resolve the MPI-PID of the patient in the Gazelle community, you also need to make sure that your XCPD Initiating Gateway is configured properly.

To do so, configure your system under test to interact with [Patient Manager](#). The configuration details for interacting with the XCPD Responding Gateway are available under **XCPD > Responding Gateway**.

The Initiating Gateway actor is expected to act as a X-Service Provider. This test will also be used to assess this role when receiving an ITI-43 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 Gateway actor is expected to act as a X-Service User. This test will also be used to assess this role when sending an ITI-39 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, X-Service User and follow the instructions from [XCA\\_INIT-GW\\_CONF](#).

- Make sure you have followed the instructions in the test case [XCA\\_INIT-GW\\_CONF](#) and that your XCPD Gateway is able to interact with Patient Manager.

- To initiate this test, a simulator will send a serie of ITI-43 request to your SUT, using 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 Initiating Gateway** from the drop-down list;
4. Select test suite **[ITI-43] Document Set queries TestSuite** by ticking the checkbox in front of its name;
5. Enter the URL of your SUT (shall be a secured endpoint)
6. Click on "Run" button
7. Wait for the script to complete its execution;

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

- Once your ITI-39 requests has been executed, 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\_for\_init\_gw\_testing**)
- In the **Message** menu, pick the logs corresponding to your transaction using your IP and transaction time
- From the **Request Body** tab, copy the **Envelope** of your request in an xml file

- **Now to validate all your requests 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 ITI-39 Cross Gateway Retrieve - 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 validations on EVSClient and GWT must be **Passed**.

Test Participants		
Role in test : EPR_XCA_INIT_GATEWAY_SUT (SUT)	Option : R	Nb of instances : 1
<b>Actor</b>	<b>Profile</b>	<b>Option</b>
INIT_GATEWAY	XCA	NONE
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE

**Test Participants**

**Role in test :** EPR\_XCA\_RESP\_GATEWAY\_SIMU (Tool)

**Option :** R

**Nb of instances :** 1

**Role in test :** EPR\_XDS.b\_DOC\_CONSUMER\_SIMU (Tool)

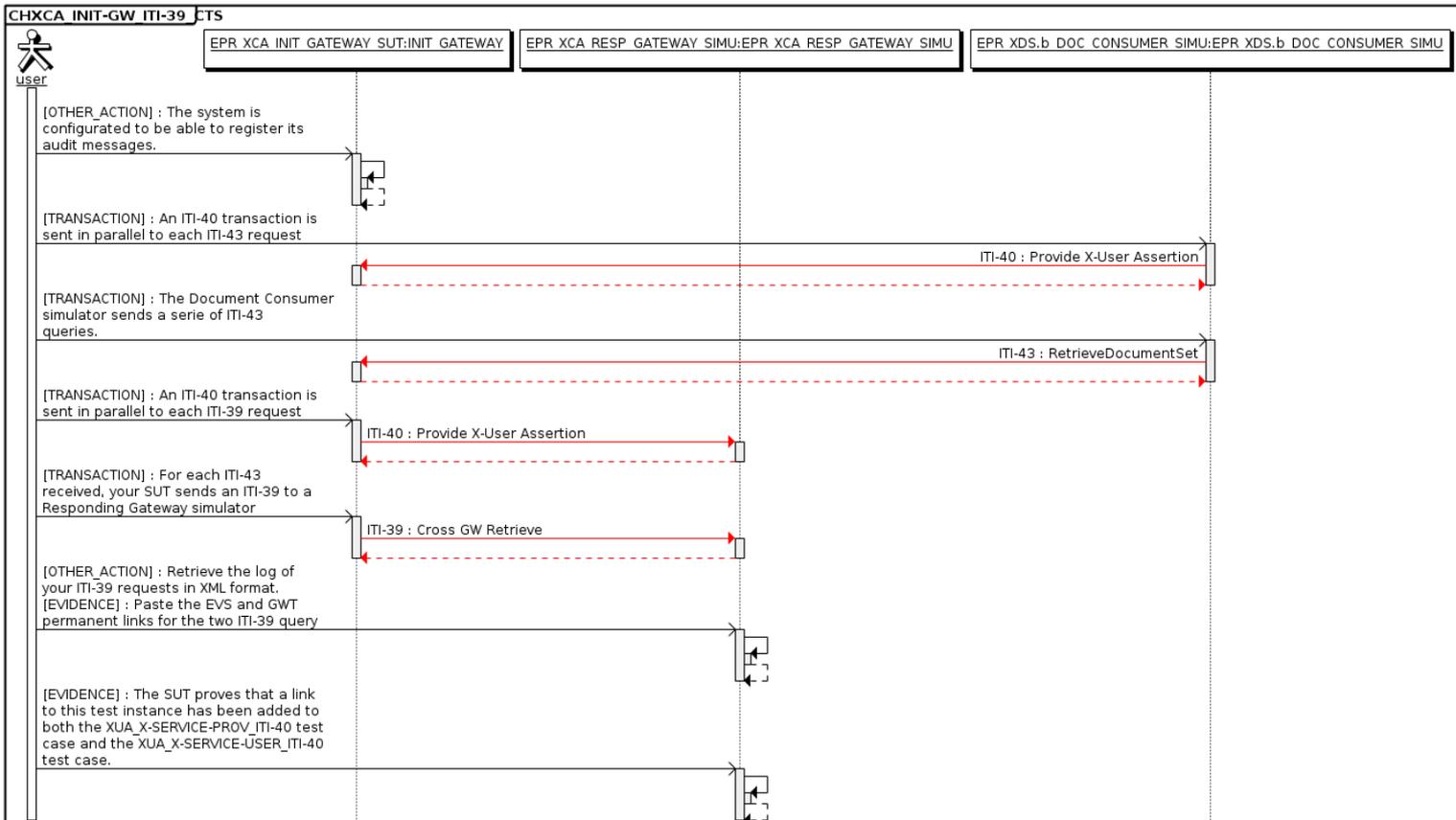
**Option :** R

**Nb of instances :** 1

**Test Steps**

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_INIT_GATEWAY_SUT		None	No	Required	[OTHER_ACTION] : The system is configured to be able to register its audit messages.
9	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XCA_INIT_GATEWAY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is sent in parallel to each ITI-43 request
10	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XCA_INIT_GATEWAY_SUT	ITI-43	RetrieveDocument Set	Yes	Required	[TRANSACTION] : The Document Consumer simulator sends a serie of ITI-43 queries.
49	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_RESP_GATEWAY_SIMU	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is sent in parallel to each ITI-39 request
50	EPR_XCA_INIT_GATEWAY_SUT	EPR_XCA_RESP_GATEWAY_SIMU	ITI-39	Cross GW Retrieve	Yes	Required	[TRANSACTION] : For each ITI-43 received, your SUT sends an ITI-39 to a Responding Gateway simulator
60	EPR_XCA_RESP_GATEWAY_SIMU	EPR_XCA_RESP_GATEWAY_SIMU		Other Action - Evidence	No	Required	[OTHER_ACTION] : Retrieve the log of your ITI-39 requests in XML format. [EVIDENCE] : Paste the EVS and GWT permanent links for the two ITI-39 query
70	EPR_XCA_RESP_GATEWAY_SIMU	EPR_XCA_RESP_GATEWAY_SIMU		Other Action - Evidence	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 #13916 CHXCA\_RESP\_GW\_ITI-38

## Test Summary

**Keyword :** CHXCA\_RESP\_GW\_ITI-38\_CTS **Type :** conformity assessment  
**Name :** CHXCA\_RESP\_GW\_ITI-38 **Peer Type :** NO\_PEER\_TEST  
**Version :** 1.2 **Status :** ready  
**Author :** vhofman **Verified by :** **Not verified**  
**Date of last :** 2024-01-26 16:32:24.174659 by vhofman

**Short Description :** This test is to verify the SUT capacity to provide the metadatas of documents through an ITI-38 transaction from a XCA Initiating Gateway.

## Test Description

### Special Instructions

In this test case, we will test the ITI-38 transaction initiated by a simulator acting as a XCA Initiating Gateway.

The documents in the simulators that will be used for the queries will be created during the test, you just need to configure your system with the corresponding endpoint to get the metadata :

[https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing\\_for\\_init\\_gw\\_testing/reg/sq](https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing_for_init_gw_testing/reg/sq)

The Responding Gateway actor is expected to act as a X-Service Provider. This test will also be used to assess this role when receiving an ITI-38 transaction. In order to do so, you'll need to follow the instructions from this test case :

[XUA\\_X-SERVICE-PROV\\_ITI-40](#)

### Description

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

- 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 Responding Gateway** from the drop-down list;
4. Select test suite **ITI-38 Cross\_Gateway\_Query 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

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";

### 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](#).

The validations on EVS Client and GWT must return "Passed".

The responses returned for each query must return the requested metadata according to the request type (LeafType/ObjectRef) .

## Test Participants

<b>Role in test :</b> EPR_XCA_INIT_GATEWAY_SIMU (Tool)	<b>Option :</b> R	<b>Nb of instances :</b> 1
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<b>Role in test :</b> EPR_XCA_RESP_GATEWAY_SUT (SUT)	<b>Option :</b> R	<b>Nb of instances :</b> 1
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Actor	Profile	Option
RESP_GATEWAY	XCA	NONE

### Test Participants

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE

**Role in test :** EPR\_XDS.b\_DOC\_REGISTRY\_SIMU (Tool)      **Option :** R      **Nb of instances :** 1

### Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA _RESP_G ATEWAY_ SUT	EPR_XCA_R ESP_GATE WAY_SUT		None	No	Required	[OTHER_ACTION] : The system is configured to be able to register its audit messages.
9	EPR_XCA _INIT_GAT EWAY_SI MU	EPR_XCA_R ESP_GATE WAY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-38 request.
10	EPR_XCA _INIT_GAT EWAY_SI MU	EPR_XCA_R ESP_GATE WAY_SUT	ITI-38	CrossGatewayQu ery	Yes	Required	[TRANSACTION] : The simulator send ITI-38 requests to the SUT that will gather the requested informations from the corresponding registry and send them back.
20	EPR_XCA _RESP_G ATEWAY_ SUT	EPR_XCA_R ESP_GATE WAY_SUT		None	No	Required	[EVIDENCE] : The SUT provide the links to the validation of the messages on GWT.
30	EPR_XCA _RESP_G ATEWAY_ SUT	EPR_XCA_R ESP_GATE WAY_SUT		None	No	Required	[EVIDENCE] : The SUT proves that a link to this test instance has been added to the XUA_X-SERVICE-PROV_ITI-40 test case.

## Sequence Diagram



# Test case #13915 CHXCA\_RESP\_GW\_ITI-38\_INVALID

## Test Summary

**Keyword :** CHXCA\_RESP\_GW\_ITI- **Type :** conformity assessment  
**Name :** CHXCA\_RESP\_GW\_ITI-38\_INVALID **Peer Type :** NO\_PEER\_TEST  
**Version :** 1.1 **Status :** ready  
**Author :** vhofman **Verified by :** **Not verified**  
**Date of last** 2024-01-26 16:32:32.638538 by vhofman

**Short Description :** This test is to verify the SUT capacity to provide the correct error messages in response to a flawed ITI-38 transaction formulated by an XCA Initiating Gateway.

## Test Description

### Special Instructions

In this test case, we will test the ITI-38 transaction initiated by a simulator acting as a XCA Initiating Gateway.

The documents in the simulators that will be used for the queries will be created during the test, you just need to configure your system with the corresponding endpoint to get the metadata :

[https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing\\_for\\_init\\_gw\\_testing/reg/sq](https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing_for_init_gw_testing/reg/sq)

### Description

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 Responding Gateway** from the drop-down list;
4. Select test suite **ITI-38 Cross Gateway Query TestSuite - invalid cases** 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

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";

### Evaluation

The validations on EVS Client and GWT must return "Passed".

The responses returned for each query MUST NOT return the requested metadata according to the request type (LeafType/ObjectRef) .

## Test Participants

<b>Role in test :</b> EPR_XCA_INIT_GATEWAY_SIMU (Tool)	<b>Option :</b> R	<b>Nb of instances :</b> 1
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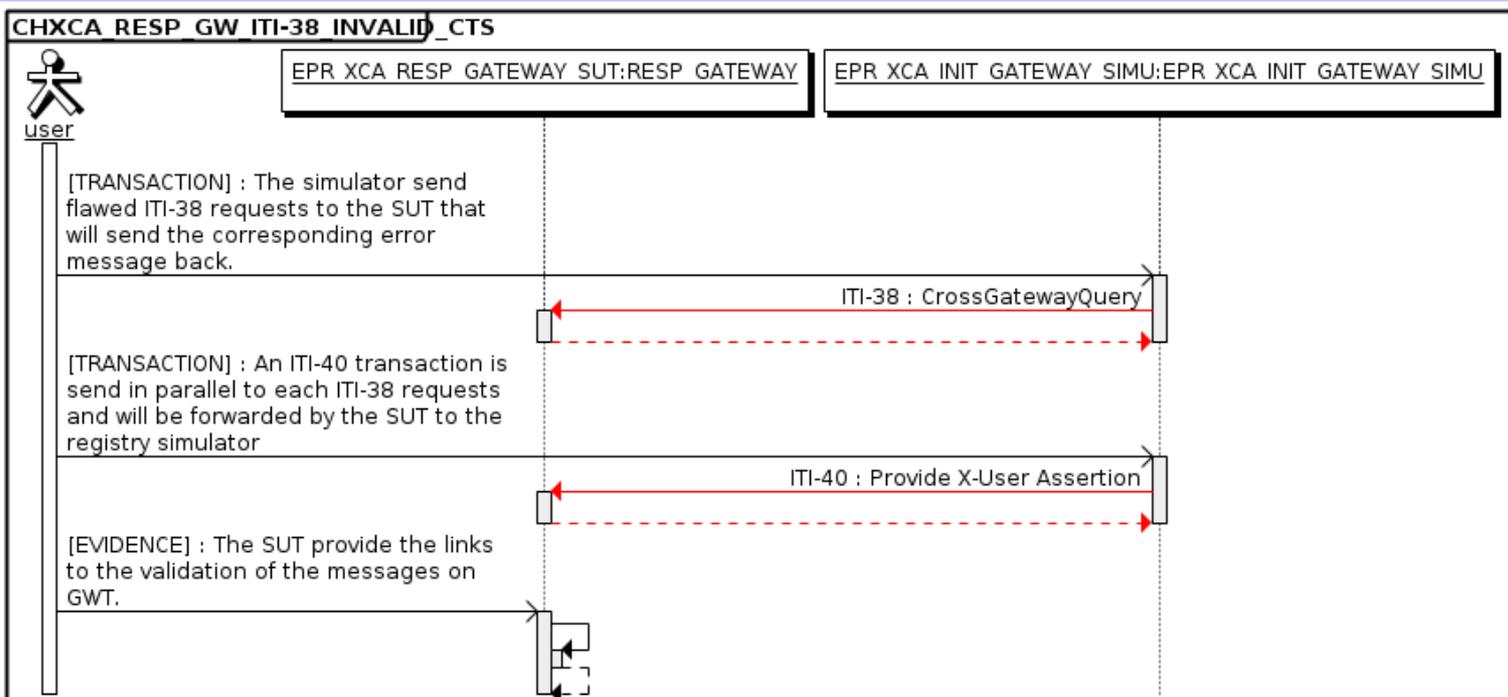
<b>Role in test :</b> EPR_XCA_RESP_GATEWAY_SUT (SUT)	<b>Option :</b> R	<b>Nb of instances :</b> 1
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Actor	Profile	Option
RESP_GATEWAY	XCA	NONE
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE

**Test Steps**

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	EPR_XCA_INIT_GATEWAY_SIMU	EPR_XCA_RESP_GATEWAY_SUT	ITI-38	CrossGatewayQuery	Yes	Required	[TRANSACTION] : The simulator send flawed ITI-38 requests to the SUT that will send the corresponding error message back.
15	EPR_XCA_INIT_GATEWAY_SIMU	EPR_XCA_RESP_GATEWAY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-38 requests and will be forwarded by the SUT to the registry simulator
20	EPR_XCA_RESP_GATEWAY_SUT	EPR_XCA_RESP_GATEWAY_SUT		None	No	Required	[EVIDENCE] : The SUT provide the links to the validation of the messages on GWT.

**Sequence Diagram**



# Test case #13914 CHXCA\_RESP\_GW\_ITI-39

## Test Summary

**Keyword :** CHXCA\_RESP\_GW\_ITI-39\_CTS **Type :** conformity assessment  
**Name :** CHXCA\_RESP\_GW\_ITI-39 **Peer Type :** NO\_PEER\_TEST  
**Version :** 1.3 **Status :** ready  
**Author :** vhofman **Verified by :** **Not verified**  
**Date of last :** 2024-01-26 16:32:38.578755 by vhofman

**Short Description :** This test is to verify the SUT capacity to provide documents through an ITI-39 transaction in response to a XCA Initiating Gateway.

## Test Description

### Special Instructions

In this test case, we will test the ITI-39 transaction initiated by a simulator acting as a XCA Initiating Gateway.

The documents in the simulators that will be used for the queries will be created during the test, you just need to configure your system with the corresponding informations to get the metadata :

[ITI-43] : [https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing\\_for\\_init\\_gw\\_testing/rep/ret](https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing_for_init_gw_testing/rep/ret)

repositoryUniqueID : 1.1.4567332.1.75

The Responding Gateway actor is expected to act as a X-Service provider. This test will also be used to assess this role for ITI-39 transaction. In order to do so, you'll need to follow the instructions from this test case :

[XUA\\_X-SERVICE-PROV\\_ITI-40](#)

### Description

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

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 the menu "Run";
3. Select the test project name **EPR XCA Responding Gateway** from the drop-down list;
4. Select test suite **ITI-39 Cross Gateway Retrieve 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

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";

### 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](#).

The validations on EVS Client and GWT must return "Passed".  
The responses returned for each query must return the requested documents.

## Test Participants

Role in test	Option	Nb of instances
EPR_XCA_INIT_GATEWAY_SIMU (Tool)	R	1

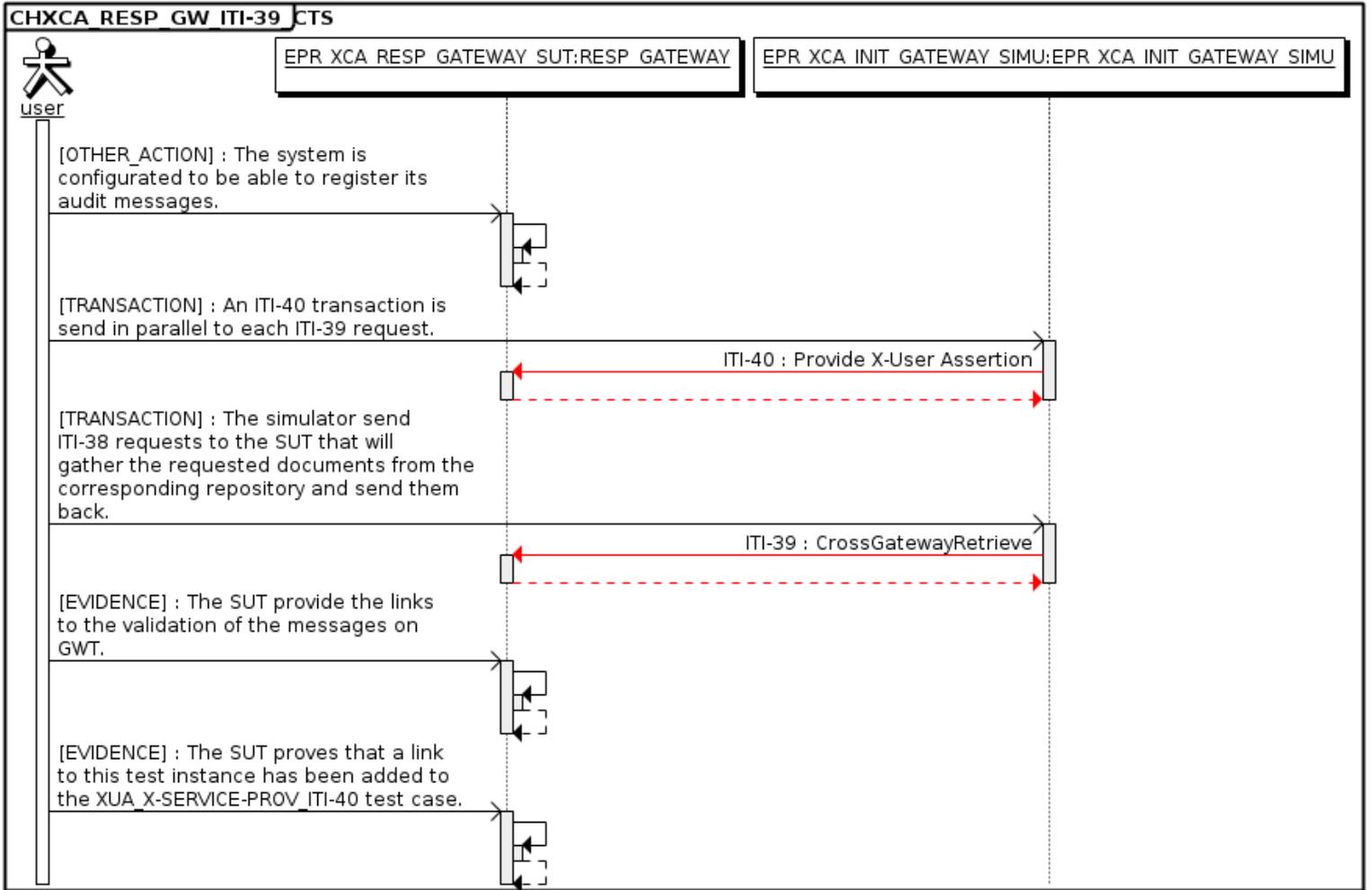
### Test Participants

Role in test : EPR_XCA_RESP_GATEWAY_SUT (SUT)		Option : R	Nb of instances : 1
Actor	Profile	Option	
RESP_GATEWAY	XCA	NONE	
X-SERV-PROV	XUA	NONE	
X-SERV-USR	XUA	NONE	

### Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XCA _RESP_G ATEWAY_ SUT	EPR_XCA_R ESP_GATE WAY_SUT		None	No	Required	[OTHER_ACTION] : The system is configured to be able to register its audit messages.
9	EPR_XCA _INIT_GAT EWAY_SI MU	EPR_XCA_R ESP_GATE WAY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-39 request.
10	EPR_XCA _INIT_GAT EWAY_SI MU	EPR_XCA_R ESP_GATE WAY_SUT	ITI-39	CrossGatewayRet rieve	Yes	Required	[TRANSACTION] : The simulator send ITI-38 requests to the SUT that will gather the requested documents from the corresponding repository and send them back.
20	EPR_XCA _RESP_G ATEWAY_ SUT	EPR_XCA_R ESP_GATE WAY_SUT		None	No	Required	[EVIDENCE] : The SUT provide the links to the validation of the messages on GWT.
30	EPR_XCA _RESP_G ATEWAY_ SUT	EPR_XCA_R ESP_GATE WAY_SUT		None	No	Required	[EVIDENCE] : The SUT proves that a link to this test instance has been added to the XUA_X-SERVICE-PROV_ITI-40 test case.

## Sequence Diagram

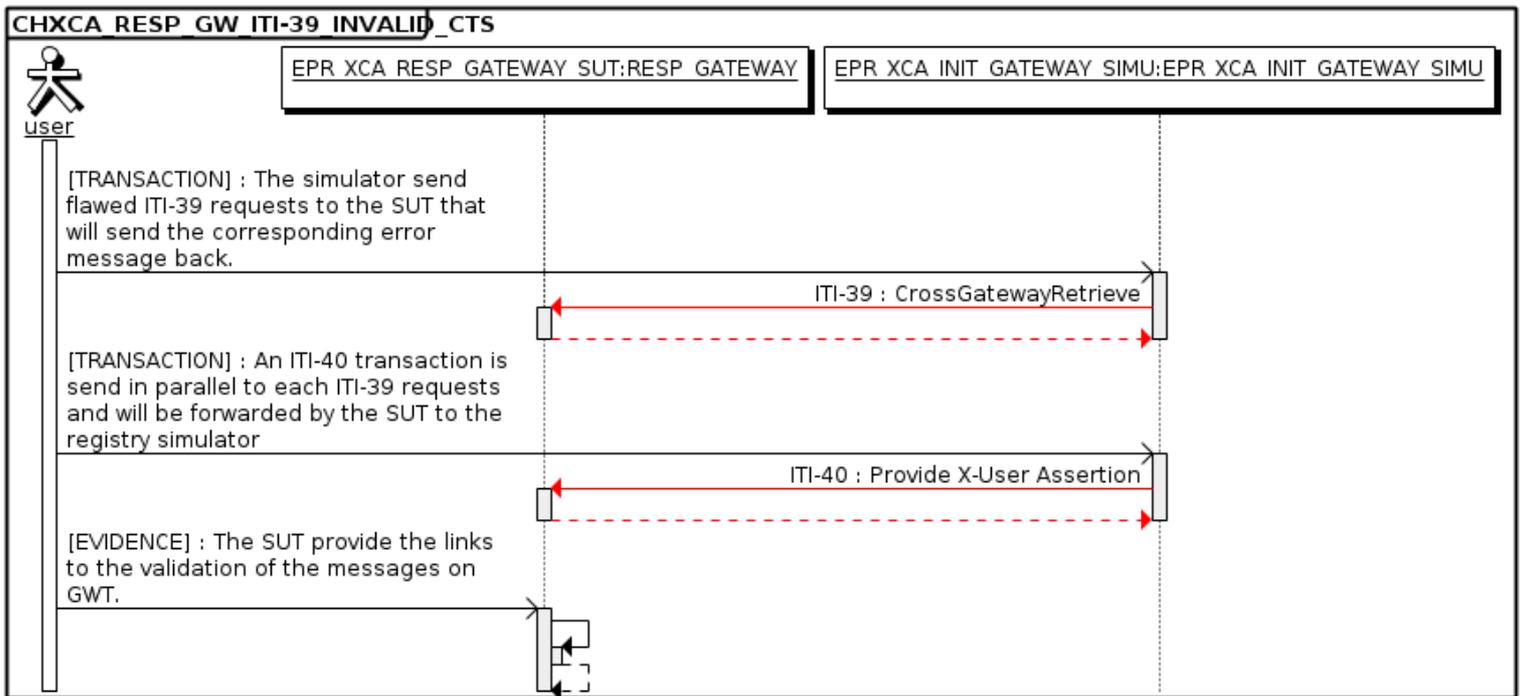




### Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	EPR_XCA_INIT_GATEWAY_SIMU	EPR_XCA_RESP_GATEWAY_SUT	ITI-39	CrossGatewayRetrieve	Yes	Required	[TRANSACTION] : The simulator send flawed ITI-39 requests to the SUT that will send the corresponding error message back.
15	EPR_XCA_INIT_GATEWAY_SIMU	EPR_XCA_RESP_GATEWAY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is send in parallel to each ITI-39 requests and will be forwarded by the SUT to the registry simulator
20	EPR_XCA_RESP_GATEWAY_SUT	EPR_XCA_RESP_GATEWAY_SUT		None	No	Required	[EVIDENCE] : The SUT provide the links to the validation of the messages on GWT.

### Sequence Diagram



# Test case #13912 XCA\_INIT-GW\_CONF

## Test Summary

**Keyword :** XCA\_INIT-GW\_CONF\_CTS **Type :** conformity assessment  
**Name :** XCA\_INIT-GW\_CONF **Peer Type :** NO\_PEER\_TEST  
**Version :** 1.2 **Status :** ready  
**Author :** vhofman **Verified by :** **Not verified**  
**Date of last** 2024-01-26 16:40:25.463911 by vhofman

**Short Description :** Description of the data and configuration needed for the tests of the XCA Initiating Gateway actor.

## Test Description

### Description

The following informations are informative for a content consumer.

The content consumer SUT MUST use the endpoints to query and retrieve documents from the simulator. The other metadata are here for the queries you'll send.

endpoint for [ITI-38] : [https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing\\_for\\_init\\_gw\\_testing/rg/xcq](https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing_for_init_gw_testing/rg/xcq)

endpoint for [ITI-39] : [https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing\\_for\\_init\\_gw\\_testing/rg/xcr](https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing_for_init_gw_testing/rg/xcr)

Patient EPR-SPID (Patient Nilesch Wittwer-Christen) : `p { margin-bottom: 0.25cm; line-height: 115%; } a:link { }761337610411265304^^^SPID&amp;2.16.756.5.30.1.127.3.10.3&amp;ISO`

Repository Unique ID : 1.1.4567332.1.75

Home Community ID : urn:oid:1.1.4567334.1.6

### Evaluation

This test is purely informative and doesn't necessitate any evaluation.

## Test Participants

**Role in test :** EPR\_XCA\_INIT\_GATEWAY\_SUT (SUT)

**Option :** R

**Nb of instances :** 1

Actor	Profile	Option
INIT_GATEWAY	XCA	NONE
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE

## Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
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## Sequence Diagram

