Tests definitions

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Test case #13380 CHPPQ_POLICY_CONS_PPQ2

Test Summary

Keyword :	CHPPQ_POLICY_CONS_PPQ2	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_CONS_PPQ2	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-12 18:08:57.613324 by aeschlimann		

Short Description : Policy Consumer executes a valid PPQ-2 XACML Policy query to a simulated Policy Repository

Test Description

Special Instructions

In this case, your system acting as a PPQ source must request to a simulated PPQ repository. The goal is to retrieve a policy in the Repository.

The Policy Consumer actor is expected to act as a X-Service user when sending PPQ-2 queries. This test will also be used to assess this role. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-USER_ITI-40

In this test, we will use the patient **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

Description

1- The PPQ-2 request must be grouped with an ITI-40. Before each request you must :

- Use the Identity Provider Simulator to do an **Authenticate User** transaction (Use the **PAT bovie**)
- Then do an **Get X-User Assertion** to the Assertion Provider Simulator (**https://ehealthsuisse.ihe-europe.net:10443/STS?wsdl**)
- Use the SAML Assertion in your PPQ-2 request

2- The request must contain the following attributes:

```
<xacml-context:AttributeValue>
    <hl7:InstanceIdentifier xsi:type="hl7:II" root="2.16.756.5.30.1.127.3.10.3" extension="761337610435209810"/>
</xacml-context:AttributeValue>
```

To execute the request we use the following service => https://ehealthsuisse.ihe-europe.net/ppq-repository?wsdl
Information about the simulator => https://ehealthsuisse.ihe-europe.net/gazelle-documentation/EPR-PPQ-Simulator/user.html

The messages exchanged between your SUT and the simulator should have been recorded and be available in **Gazelle Webservice Tester**. For each test step flagged with [TRANSACTION]:

1. Access the messages in Gazelle Webservice Tester from the "**Mock messages**";
2. Find out the message of interest, you can use the filters to ease your search (we also recommand to do it before you move to the next step);
3. We want to verify the conformance of the request sent by your SUT, click on the play icon next to the request type;
4. You have been redirected to EVSClient, select validator: **CH:PPQ_Request** and extension **CH:PPQ** and hit the "Go" button;
5. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
6. When the validation report shows up, a pop-up raises, click on "OK";
7. Copy the permanent link of the message in the test step using the "add link" feature.

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-USER_ITI-40.

The status of the response to your XACMLPolicyQuery must be **Success.**

The validation in EVSClient must return Passed.

Test Participants

Test Participants

Role in test : PPQ_CONSUMER_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

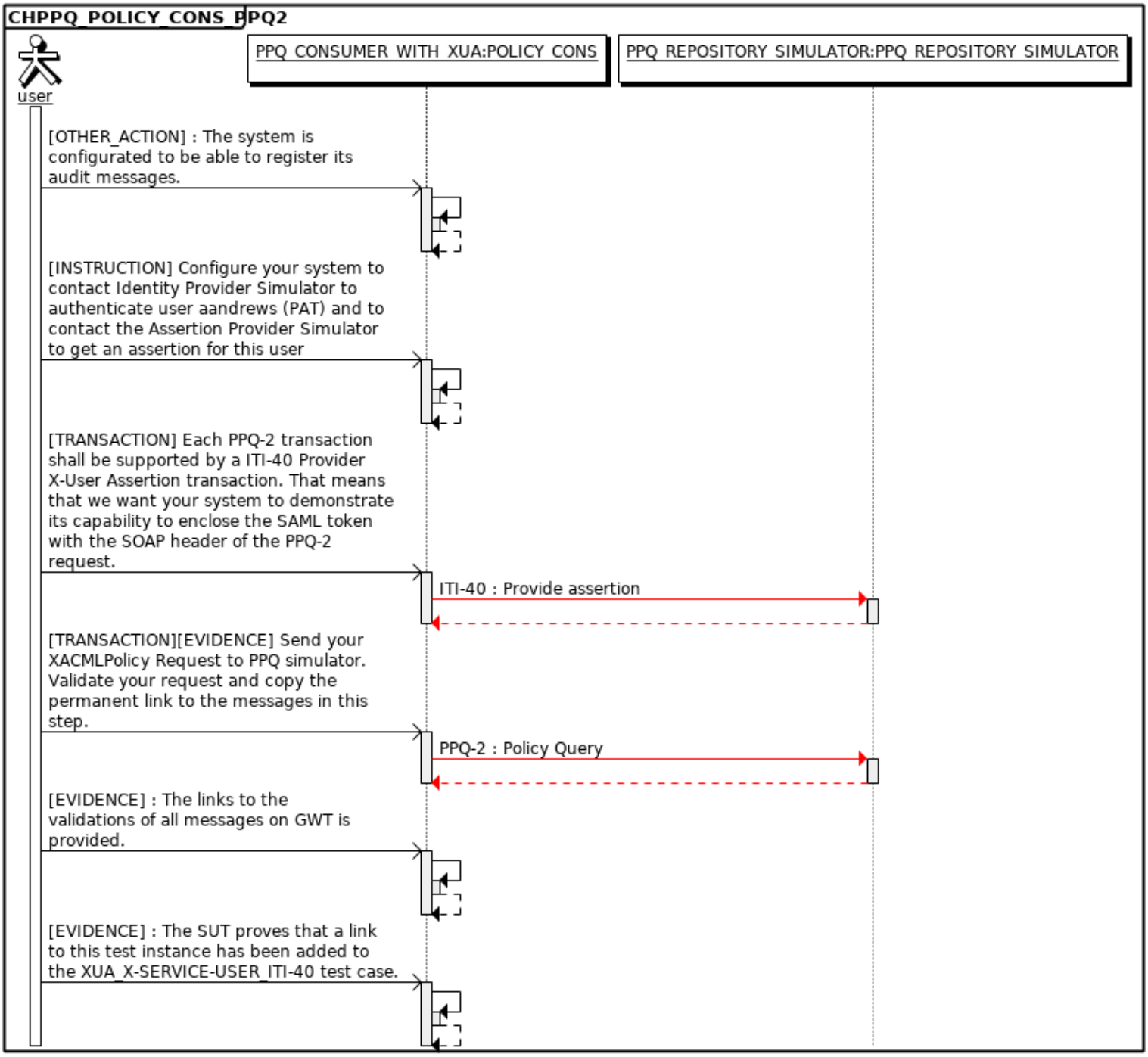
Actor	Profile	Option
X-SERV-USR	XUA	NONE
POLICY_CONS	CH:PPQ	NONE

Role in test : PPQ_REPOSITORY_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
1	PPQ_CONSUMER_WITH_XUA	PPQ_CONSUMER_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
40	PPQ_CONSUMER_WITH_XUA	PPQ_CONSUMER_WITH_XUA		Configure	No	Required	
[INSTRUCTION] Configure your system to contact Identity Provider Simulator to authenticate user aandrews (PAT) and to contact the Assertion Provider Simulator to get an assertion for this user							
45	PPQ_CONSUMER_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] Each PPQ-2 transaction shall be supported by a ITI-40 Provider X-User Assertion transaction. That means that we want your system to demonstrate its capability to enclose the SAML token with the SOAP header of the PPQ-2 request.							
50	PPQ_CONSUMER_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	PPQ-2	Policy Query	Yes	Required	
[TRANSACTION][EVIDENCE] Send your XACMLPolicy Request to PPQ simulator. Validate your request and copy the permanent link to the messages in this step.							
60	PPQ_CONSUMER_WITH_XUA	PPQ_CONSUMER_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							
70	PPQ_CONSUMER_WITH_XUA	PPQ_CONSUMER_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance has been added to the XUA_X-SERVICE-USER_ITI-40 test case.							

Sequence Diagram



Test case #13368 CHPPQ_POLICY_REPO_PPQ-1_ADD

Test Summary

Keyword :	CHPPQ_POLICY_REPO_PPQ-1_ADD	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_REPO_PPQ-1_ADD	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-12 17:46:28.909329 by aeschlimann		

Short Description : System acting as PPQ Repository must respond to a simulated PPQ request aiming at adding a polic
in the repository.

Test Description

Special Instructions

In this test case, your system acting as PPQ Repository must respond to a simulated PPQ request. The goal is to Add a policy in the repository.

The Policy Repository actor is expected to act as a X-Service provider. This test will also be used to assess this role for PPQ-1 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 Policy Repository actor is expected to act as a X-Service user when sending an AuthorizationDecision query to an ADR Provider. This test will also be used to assess this role, in case of a PPQ1 transaction. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-USER_ITI-40

In addition, the Document Registry actor is also expected to act as an AuthorizationDecision Consumer. This test will also be used to assess this role, in case of an ITI-18 transaction. In order to validate the conformity of your system in this role, you'll need to follow the instructions from this test case :

CHADR_FOR_CONSUMER

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

Description

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

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 CH:PPQ Repository** from the drop-down list;
4. Select test suite **PPQ_for_AddPolicy_Repository valid_case 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 AND XUA_X-SERVICE-USER_ITI-40.

The monitor will also check that you copied the link to the EVS Client validation for your ADR Authorization Decision queriy to the corresponding test step of the test case CHADR_FOR_CONSUMER (one validation is enough)

The status of the transactions on GWT for the PPQ1 transaction must be "**Passed**".

The validations on EVS Client for the PPQ1 transaction must return "**Passed**".

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Participants

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Role in test : PPQ_SOURCE_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.							
15	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ITI-40 in parallel to the PPQ-1 request from the Policy Source simulator to the SUT							
20	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	Add Policy	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request, grouped with an ITI-40 from the Policy Source simulator to the SUT							
22	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 is sent in parallel to the ADR Authorization Decision request from the SUT to the ADR Decision Provider							
25	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							
30	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Validation	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Test Steps

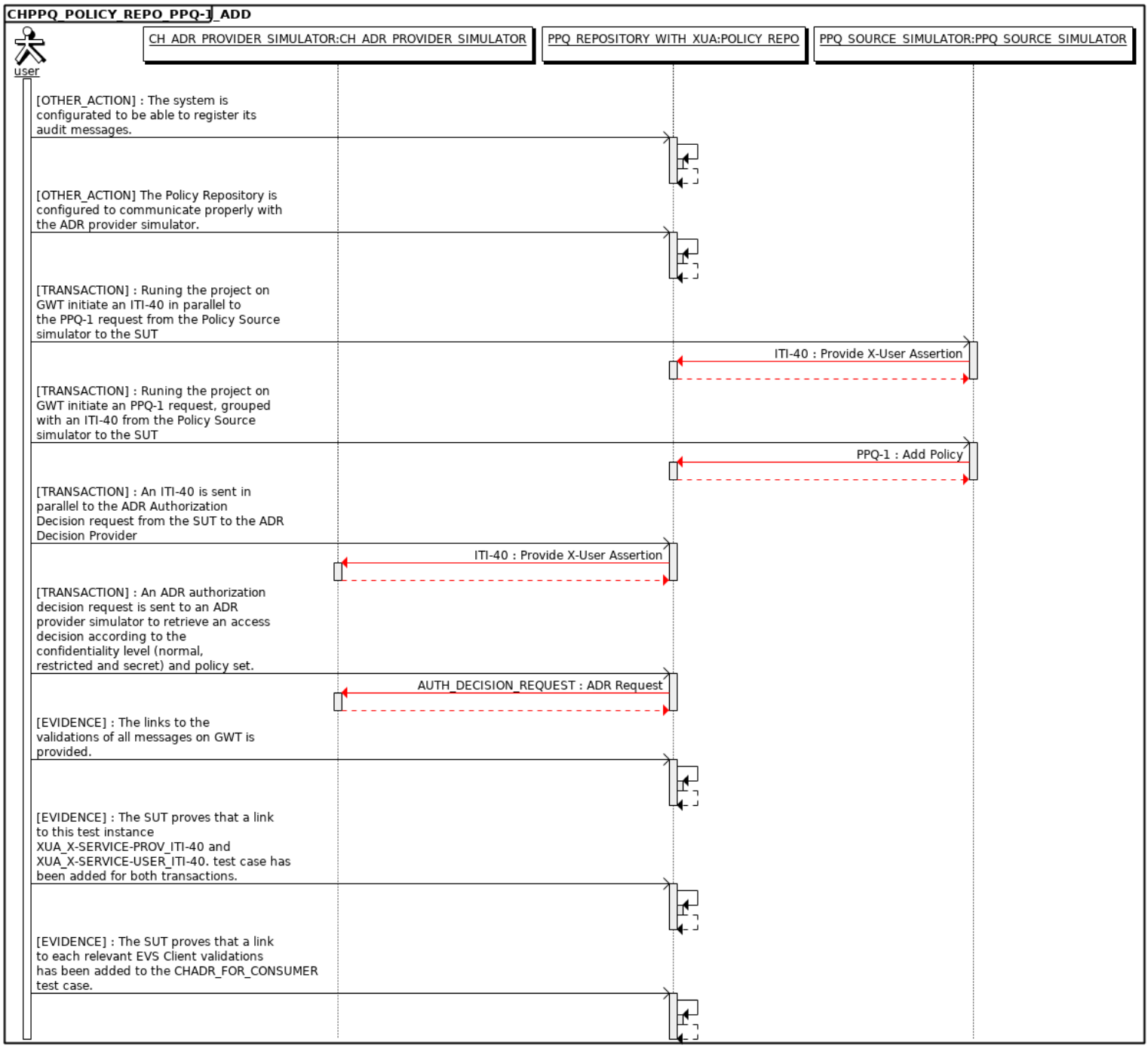
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
40	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		none	No	Required	

[EVIDENCE] : The SUT proves that a link to this test instance XUA_X-SERVICE-PROV_ITI-40 and XUA_X-SERVICE-USER_ITI-40. test case has been added for both transactions.

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
50	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		none	No	Required	

[EVIDENCE] : The SUT proves that a link to each relevant EVS Client validations has been added to the CHADR_FOR_CONSUMER test case.

Sequence Diagram



Test case #13370 CHPPQ_POLICY_REPO_PPQ-1_DEL1

Test Summary

Keyword :	CHPPQ_POLICY_REPO_PPQ-1_DEL1	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_REPO_PPQ-1_DEL1	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-10-11 16:37:58.890004 by aeschlimann		

Short Description : System acting as PPQ Repository must respond to a simulated PPQ request aiming at deleting a policy in the repository.

Test Description

Special Instructions

In this case, your system acting as a PPQ Repository must respond to a simulated PPQ request. The goal is to delete a policy in the repository.

The Policy Repository must be configured to send Authorization Decision Queries to the Gazelle simulator ADR Provider, to do so follow the instructions from :
PPQ_REPO_CONF

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

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 the menu "Run";
3. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
4. Before to run **DeletePolicy** request we will run an **AddPolicy** request. Like that, we will not break data
5. Select test suite **PPQ_for_AddPolicy_Repository valid_case TestSuite** by ticking the checkbox in front of its name;
6. Enter the URL of your system under test endpoint (shall be a secured endpoint)
7. Click on "Run" button
8. Keep the policy set ID sent to your system, you'll need it for the next request
9. Then, go to the menu "Run";
10. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
11. Select test suite **PPQ_for_DeletePolicy_Repository valid_case TestSuite** by ticking the checkbox in front of its name;
12. Enter the URL of your system under test endpoint (shall be a secured endpoint), and the policy set ID previously sent to you;
13. Click on "Run" button
14. Wait for the script to complete its execution;
15. 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, 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 global status of the Gazelle Webservice Tester execution must be **Success.**

The validation in EVSClient must be **Passed**

Test Participants

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

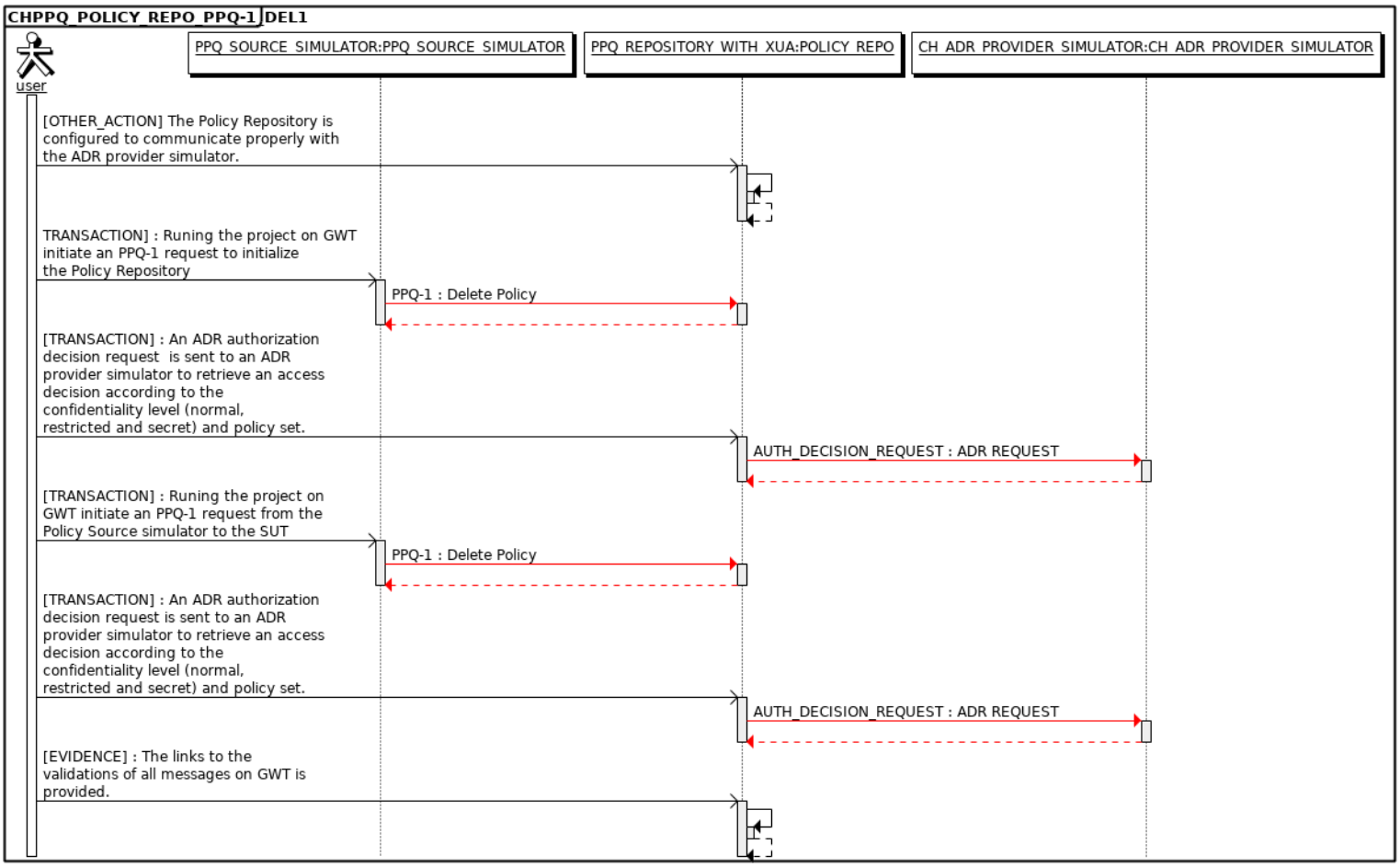
Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Role in test : PPQ_SOURCE_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.							
15	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	Delete Policy	Yes	Required	
TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request to initialize the Policy Repository							
17	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR REQUEST	Yes	Required	
[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							
20	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	Delete Policy	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request from the Policy Source simulator to the SUT							
25	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR REQUEST	Yes	Required	
[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							
30	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Sequence Diagram



Test case #13372 CHPPQ_POLICY_REPO_PPQ-1_DEL2

Test Summary

Keyword : CHPPQ_POLICY_REPO_PPQ-1_DEL2
Name : CHPPQ_POLICY_REPO_PPQ-1_DEL2
Version : 1.0
Author : wbars
Date of last 2019-09-12 17:20:08.568658 by aeschlimann

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : NicolasBailliet

Short Description : System acting as PPQ Repository must respond with the right error to a simulated not valid PPQ request to Delete a policy in the repository.

Test Description

Special Instructions

In this case, your system acting as PPQ Repository must respond to a not valid simulated PPQ request aiming at Deleting a policy in the repository.

The Policy Repository must be configured to send Authorization Decision Queries to the Gazelle simulator ADR Provider, to do so follow the instructions from :
PPQ_REPO_CONF

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

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 the menu "Run";
3. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
4. Select test suite **PPQ_for_DeletePolicy_Repository invalid_case TestSuite** by ticking the checkbox in front of its name;
5. n this case, we will check that the Policy Repository return an error when the Policy Source give a PolicySetId which doesn't exist.
   - We are using this PolicySet ID : **urn:uuid:33333333-7b35-4344-bee1-ddc26018cab3**, your system must not know this ID to trigger an error.
6. Enter the URL of your system under test endpoint (shall be a secured endpoint)
7. Click on "Run" button
8. Wait for the script to complete its execution;
9. 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 global status of the Gazelle Webservice Tester execution must be **Success.**

The validation in EVSClient must be **Passed**

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

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

Test Participants

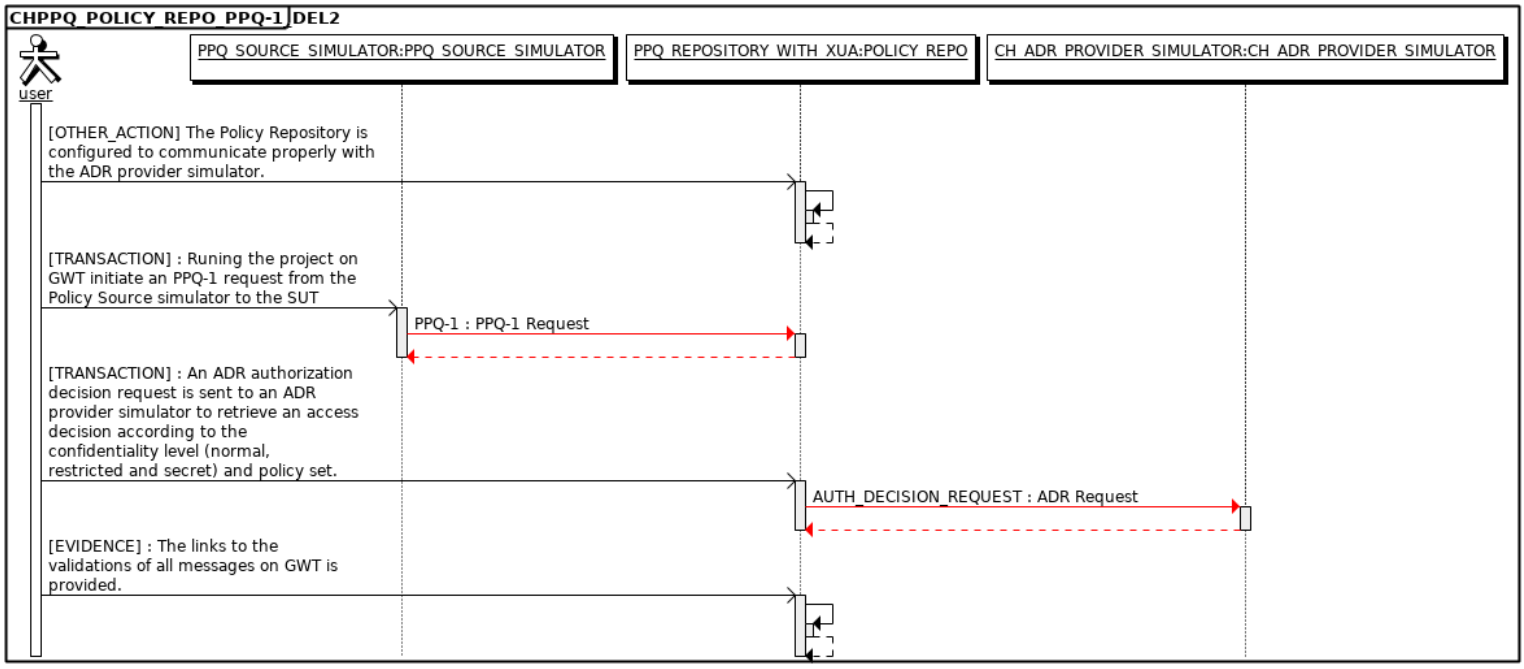
Actor	Profile	Option
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Role in test : PPQ_SOURCE_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
	[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.						
20	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	PPQ-1 Request	Yes	Required	
	[TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request from the Policy Source simulator to the SUT						
25	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
	[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.						
30	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Validation	No	Required	
	[EVIDENCE] : The links to the validations of all messages on GWT is provided.						

Sequence Diagram



Test case #13382 CHPPQ_POLICY_REPO_PPQ-1_UPD1

Test Summary

Keyword :	CHPPQ_POLICY_REPO_PPQ-1_UPD1	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_REPO_PPQ-1_UPD1	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-13 17:10:49.974288 by ycadoret		

Short Description : PPQ Repository must respond to a valid simulated PPQ UpdatePolicy Request.

Test Description

Special Instructions

In this case, your system acting as a PPQ Repository must respond to a simulated PPQ request. The goal is to Update a policy in the repository.

Policy Repository must be configured to send Authorization Decision Queries to the Gazelle simulator ADR Provider, to do so follow the instructions from :
PPQ_REPO_CONF

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

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 the menu "Run";
3. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
4. Before to run UpdatePolicy request we will run an AddPolicy request. Like that, we will not break data
5. Select test suite **PPQ_for_AddPolicy_Repository valid_case TestSuite** by ticking the checkbox in front of its name;
6. Enter the URL of your system under test endpoint (shall be a secured endpoint)
7. Click on "Run" button
8. Then, go to the menu "Run";
9. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
10. Select test suite **PPQ_for_UpdatePolicy_Repository valid_case TestSuite** by ticking the checkbox in front of its name;
11. Enter the URL of your system under test endpoint (shall be a secured endpoint)
12. Click on "Run" button
13. Wait for the script to complete its execution;
14. 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 global status of the Gazelle Webservice Tester execution must be **Success.**

The validation in EVSClient must be **Passed**

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

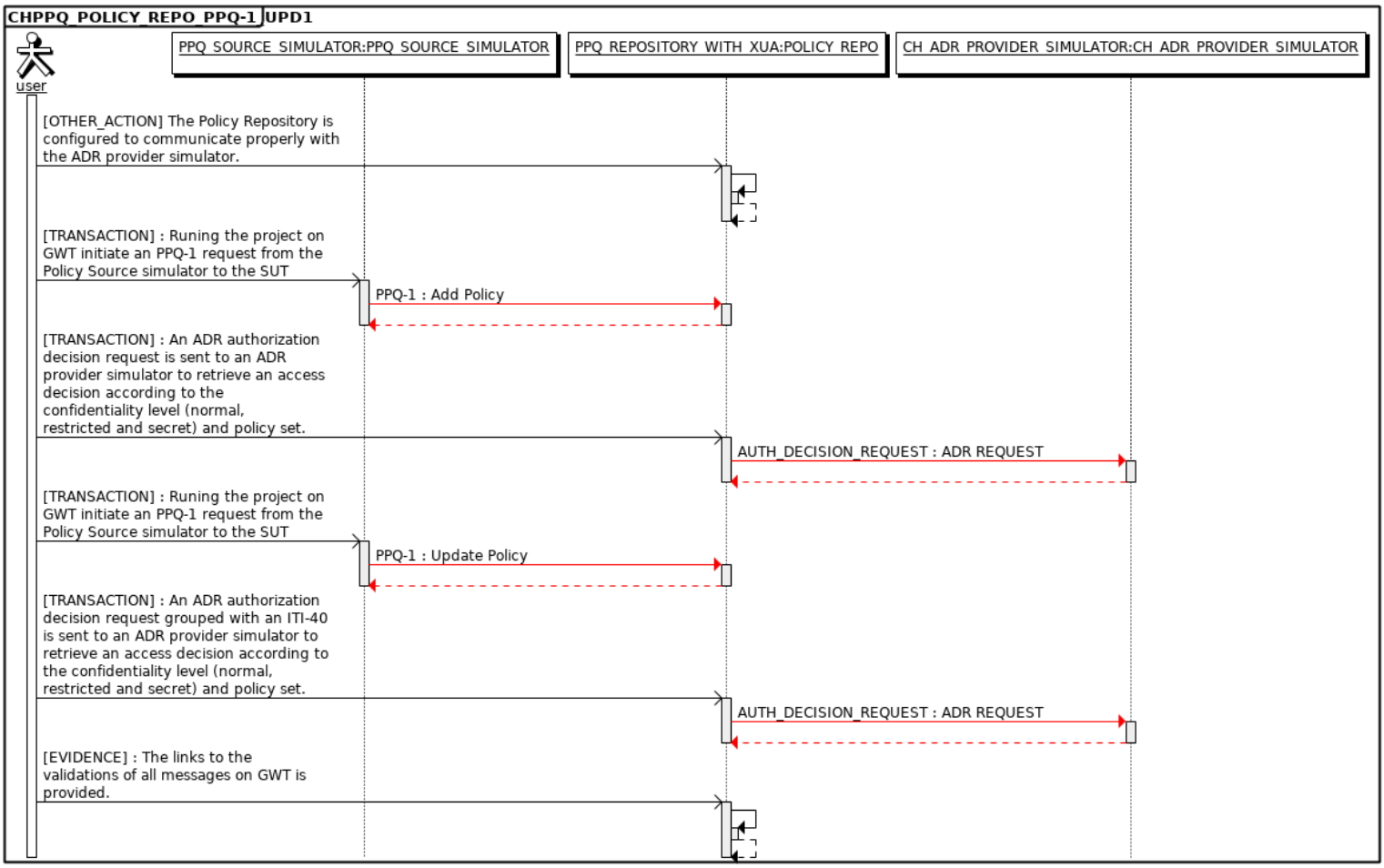
Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Role in test : PPQ_SOURCE_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.							
15	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	Add Policy	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request from the Policy Source simulator to the SUT							
18	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR REQUEST	Yes	Required	
[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							
20	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	Update Policy	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request from the Policy Source simulator to the SUT							
25	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR REQUEST	Yes	Required	
[TRANSACTION] : An ADR authorization decision request grouped with an ITI-40 is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							
30	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Validation	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Sequence Diagram



Test case #13384 CHPPQ_POLICY_REPO_PPQ-1_UPD2

Test Summary

Keyword : CHPPQ_POLICY_REPO_PPQ-1_UPD2
Name : CHPPQ_POLICY_REPO_PPQ-1_UPD2
Version : 1.0
Author : wbars
Date of last 2019-09-12 17:24:48.216681 by aeschlimann

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : NicolasBailliet

Short Description : PPQ Repository must respond to an unvalid simulated PPQ UpdatePolicy Request

Test Description

Special Instructions

In this case, your system acting as PPQ Repository must respond to an unvalid simulated PPQ request. The goal is to Update a policy in the repository.

The Policy Repository must be configured to send Authorization Decision Queries to the Gazelle simulator ADR Provider, to do so follow the instructions from : PPQ_REPO_CONF

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

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 the menu "Run";
3. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
4. Select test suite **PPQ_for_UpdatePolicy_Repository invalid_case TestSuite** by ticking the checkbox in front of its name;
5. In this case, we will check that the Policy Repository return an error when the Policy Source give a PolicySetId which doesn't exist.
   - We are using this PolicySet ID : **urn:uuid:33333333-7b35-4344-bee1-ddc26018cab3,** your system must not known this ID to trigger an error.
6. Enter the URL of your system under test endpoint (shall be a secured endpoint)
7. Click on "Run" button
8. Wait for the script to complete its execution;
9. 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 global status of the Gazelle Webservice Tester execution must be **Success.**

The validation in EVSClient must be **Passed**

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

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

Test Participants

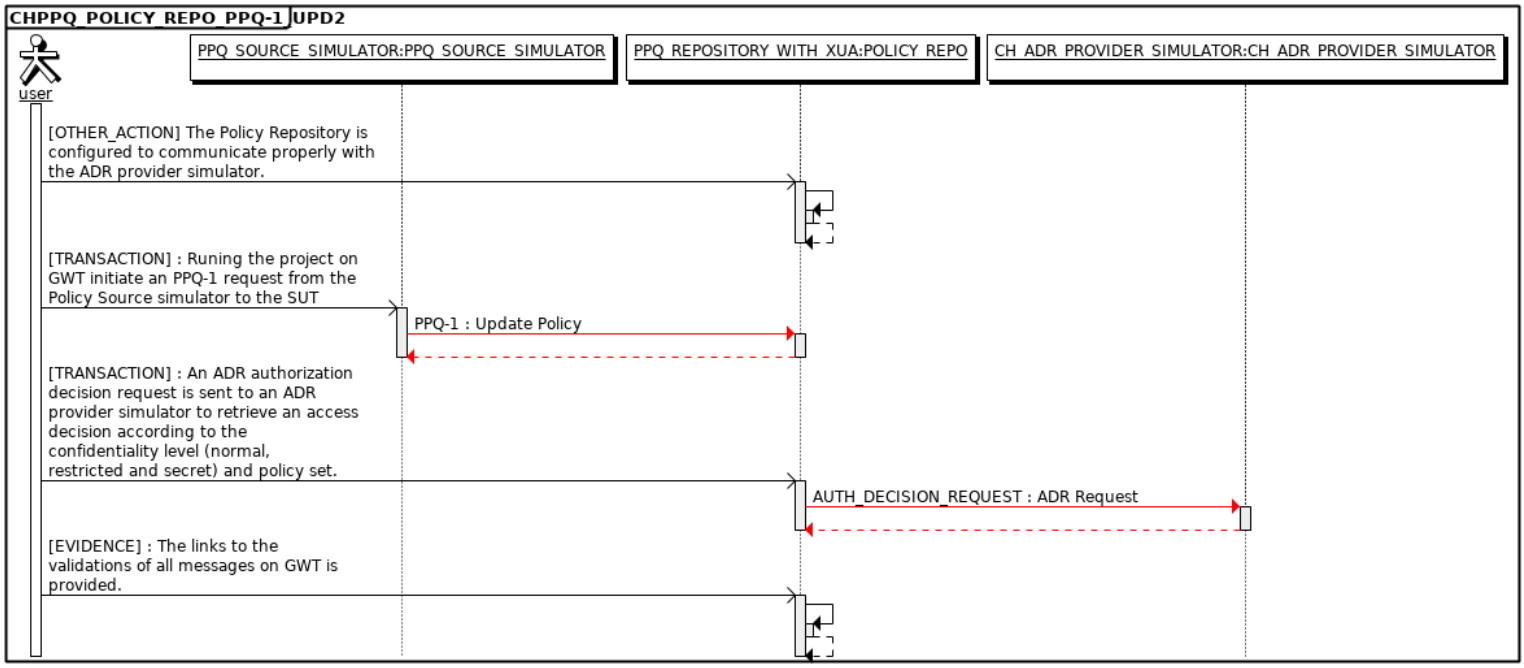
Actor	Profile	Option
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Role in test : PPQ_SOURCE_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
	[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.						
25	PPQ_SOURCE_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-1	Update Policy	Yes	Required	
	[TRANSACTION] : Runing the project on GWT initiate an PPQ-1 request from the Policy Source simulator to the SUT						
30	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
	[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.						
40	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Validate	No	Required	
	[EVIDENCE] : The links to the validations of all messages on GWT is provided.						

Sequence Diagram



Test case #13386 CHPPQ_POLICY_REPO_PPQ-2_1

Test Summary

Keyword :	CHPPQ_POLICY_REPO_PPQ-2_1	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_REPO_PPQ-2_1	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-12 17:45:59.05611 by aeschlimann		

Short Description : PPQ Repository must respond to a valid simulated PPQ XACMLPolicy Request

Test Description

Special Instructions

In this case, your system acting as PPQ Repository must respond to a simulated PPQ request. The goal is to retrieve a policy in the repository.

The Policy Repository actor is expected to act as a X-Service provider. This test will also be used to assess this role for PPQ-1 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 Policy Repository actor is expected to act as a X-Service user when sending an AuthorizationDecision query to an ADR Provider. This test will also be used to assess this role, in case of a PPQ1 transaction. In order to do so, you'll need to follow the instructions from this test case :

XUA_X-SERVICE-USER_ITI-40

In addition, the Document Registry actor is also expected to act as an AuthorizationDecision Consumer. This test will also be used to assess this role, in case of an ITI-18 transaction. In order to validate the conformity of your system in this role, you'll need to follow the instructions from this test case :

CHADR_FOR_CONSUMER

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

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 the menu "Run";
3. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
4. Select test suite PPQ_for_XACMLPolicyQuery_Repository valid_case with_patient_id 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 AND XUA_X-SERVICE-USER_ITI-40.

The monitor will also check that you copied the link to the EVS Client validation for your ADR Authorization Decision queriy to the corresponding test step of the test case CHADR_FOR_CONSUMER (one validation is enough)

The status of the transactions on GWT for the PPQ1 transaction must be "**Passed**".

The validations on EVS Client for the PPQ1 transaction must return "**Passed**".

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_CONSUMER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

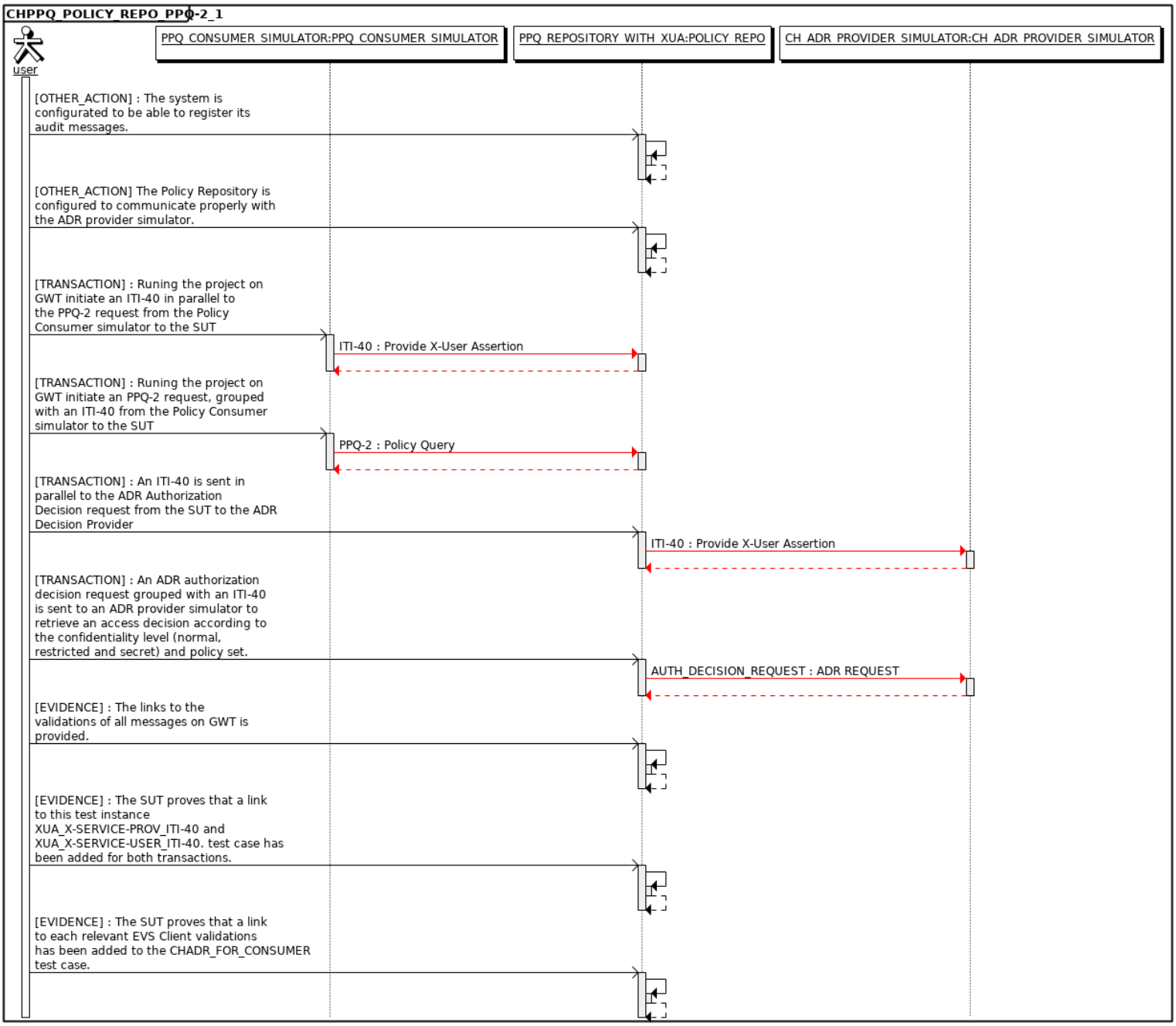
Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.							
15	PPQ_CONSUMER_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ITI-40 in parallel to the PPQ-2 request from the Policy Consumer simulator to the SUT							
20	PPQ_CONSUMER_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-2	Policy Query	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-2 request, grouped with an ITI-40 from the Policy Consumer simulator to the SUT							
22	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : An ITI-40 is sent in parallel to the ADR Authorization Decision request from the SUT to the ADR Decision Provider							
25	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR REQUEST	Yes	Required	
[TRANSACTION] : An ADR authorization decision request grouped with an ITI-40 is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							
40	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		none	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance XUA_X-SERVICE-PROV_ITI-40 and XUA_X-SERVICE-USER_ITI-40. test case has been added for both transactions.							
50	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		none	No	Required	
[EVIDENCE] : The SUT proves that a link to each relevant EVS Client validations has been added to the CHADR_FOR_CONSUMER test case.							

Sequence Diagram



Test case #13388 CHPPQ_POLICY_REPO_PPQ-2_2

Test Summary

Keyword :	CHPPQ_POLICY_REPO_PPQ-2_2	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_REPO_PPQ-2_2	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-12 17:26:59.579208 by aeschlimann		

Short Description : PPQ Repository must respond to an invalid simulated PPQ-2 XACMLPolicyRequest.

Test Description

Special Instructions

In this case, your system acting as a PPQ Repository must respond to a invalid simulated PPQ XACMLPolicyQuery. The goal is to retrieve a policy in the repository.

The Policy Repository must be configured to send Authorization Decision Queries to the Gazelle simulator ADR Provider, to do so follow the instructions from : PPQ_REPO_CONF

You'll also need to configure your repository to work with the following patient :

Name : **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

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 the menu "Run";
3. Select the test project name **EPR CH:PPQ Repository** from the drop-down list;
4. Select test suite **PPQ_for_XACMLPolicyQuery_Repository invalid_case TestSuite** by ticking the checkbox in front of its name;
5. In this case, we will check in first, that the Policy Repository returns a response when the Policy Source gives a PolicySetIdReference which doesn't exist.

   We are using this PolicySetIdReference: **33333333-91dd-410b-9c6f-e4bdffc5d438**
   Please check on your side, that this PolicySetIdReference doesn't exist.

6. After, we will check that the Policy Repository returns an error when the Policy Source gives a Patient which doesn't exist.

   We are using this extension id : **333**, and this root id : **2.16.756.5.30.1.127.3.10.3**

   Please check on your side, that this patient ID.
7. Enter the URL of your system under test endpoint (shall be a secured endpoint)
8. Click on "Run" button
9. Wait for the script to complete its execution;
10. 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 extension **CH:PPQ** and validator **CH:PPQ_Request** and hit 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 global status of the Gazelle Webservice Tester execution must be **Success**.

The validation in EVSClient must be **Passed**

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Participants

Role in test : PPQ_CONSUMER_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

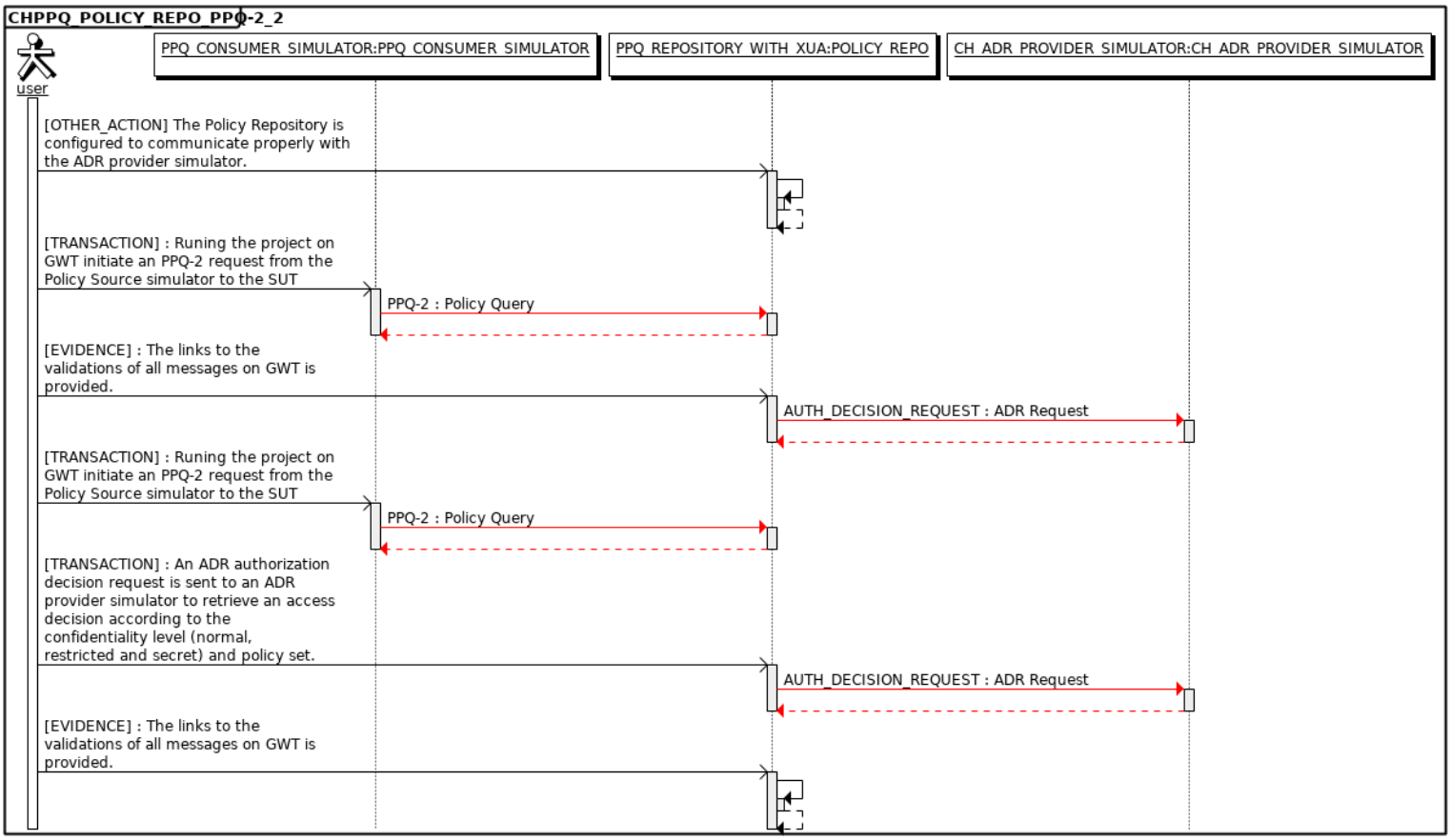
Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Configure	No	Required	
[OTHER_ACTION] The Policy Repository is configured to communicate properly with the ADR provider simulator.							
20	PPQ_CONSUMER_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-2	Policy Query	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-2 request from the Policy Source simulator to the SUT							
22	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							
25	PPQ_CONSUMER_SIMULATOR	PPQ_REPOSITORY_WITH_XUA	PPQ-2	Policy Query	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an PPQ-2 request from the Policy Source simulator to the SUT							
30	PPQ_REPOSITORY_WITH_XUA	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] : An ADR authorization decision request is sent to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret) and policy set.							
40	PPQ_REPOSITORY_WITH_XUA	PPQ_REPOSITORY_WITH_XUA		Proof	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Sequence Diagram



Test case #13374 CHPPQ_POLICY_SRC_PPQ-1_ADD

Test Summary

Keyword :	CHPPQ_POLICY_SRC_PPQ-1_ADD	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_SRC_PPQ-1_ADD	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-12 18:08:54.278846 by aeschlimann		

Short Description : Policy Source requests to add new Policy in a simulated PPQ repository

Test Description

Special Instructions

In this case, your system acting as an PPQ source must request to a simulated PPQ repository. The goal is to Add a policy in the Repository.

The Policy Source actor is expected to act as a X-Service user when sending PPQ-1 queries. This test will also be used to assess this role. In order to do so, you'll need to follow the instructions from this test case :
XUA_X-SERVICE-USER_ITI-40

In this test, we will use the patient **Bergan Ovie**

uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

Description

1- The PPQ-1 request must be grouped with an ITI-40. Before each request you must :

- Use the Identity Provider Simulator to do an **Authenticate User** transaction (Use the **PAT bovie**)
- Then do an **Get X-User Assertion** to the Assertion Provider Simulator (**https://ehealthsuisse.ihe-europe.net:10443/STS?wsdl**)
- Use the SAML Assertion in your PPQ-1 request

2- The request must contain the following attributes:

AddPolicyRequest part :

```
<saml:Issuer NameQualifier="urn:e-health-suisse:community-index">urn:oid:1.3.6.1.4.1.21367.2017.2.6.2</saml:Issuer>
  <saml:Statement xsi:type="xacml-saml:XACMLPolicyStatementType">
    <xacml:PolicySet PolicyCombiningAlgId="urn:oasis:names:tc:xacml:1.0:policy-combining-algorithm:deny-overrides" ="urn:uuid:_new_uuid_">
        <xacml:Description>Policy Description</xacml:Description>
...
<xacml:Subjects>
 <xacml:Subject>
   <xacml:SubjectMatch MatchId="urn:oasis:names:tc:xacml:1.0:function:string-equal">
      <xacml:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#anyURI">761337610435209810</xacml:AttributeValue>
      <xacml:SubjectAttributeDesignator AttributeId="urn:oasis:names:tc:xacml:1.0:subject:subject-id" DataType="http://www.w3.org/2001/XMLSchema#string"/>
   </xacml:SubjectMatch>
   <xacml:SubjectMatch MatchId="urn:oasis:names:tc:xacml:1.0:function:anyURI-equal">
      <xacml:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#anyURI">urn:e-health-suisse:2015:epr-spid</xacml:AttributeValue>
      <xacml:SubjectAttributeDesignator AttributeId="urn:oasis:names:tc:xacml:1.0:subject:subject-id-qualifier" DataType="http://www.w3.org/2001/XMLSchema#string"/>
   </xacml:SubjectMatch>
   <xacml:SubjectMatch MatchId="urn:hl7-org:v3:function:CV-equal">
      <xacml:AttributeValue DataType="urn:hl7-org:v3#CV">
         <hl7:CodedValue code="PAT" codeSystem="2.16.756.5.30.1.127.3.10.6"/>
      </xacml:AttributeValue>
      <xacml:SubjectAttributeDesignator DataType="urn:hl7-org:v3#CV" AttributeId="urn:oasis:names:tc:xacml:2.0:subject:role"/>
   </xacml:SubjectMatch>
 </xacml:Subject>
</xacml:Subjects>

<xacml:Resources>
   <xacml:Resource>
      <xacml:ResourceMatch MatchId="urn:hl7-org:v3:function:II-equal">
         <xacml:AttributeValue DataType="urn:hl7-org:v3#II">
            <hl7:InstanceIdentifier root="761337610435209810" extension="2.16.756.5.30.1.127.3.10.3"/>
         </xacml:AttributeValue>
         <xacml:ResourceAttributeDesignator DataType="urn:hl7-org:v3#II" AttributeId="urn:e-health-suisse:2015:epr-spid"/>
      </xacml:ResourceMatch>
   </xacml:Resource>
</xacml:Resources>

<xacml:PolicySetIdReference>urn:e-health-suisse:2015:policies:access-level:full</xacml:PolicySetIdReference>
```

Informations about the simulator => https://ehealthsuisse.ihe-europe.net/docs/user_guides/ppqmock.html
To execute the request, we use the following **service =>** https://ehealthsuisse.ihe-europe.net/gazelle-documentation/EPR-PPQ-Simulator/user.html

The messages exchanged between your SUT and the simulator should have been recorded and be available in **Gazelle Webservice Tester**. For each test step flagged with [TRANSACTION]:

1. Access the messages in Gazelle Webservice Tester from the "**Mock messages**";
2. Find out the message of interest, you can use the filters to ease your search (we also recommand to do it before you move to the next step);
3. We want to verify the conformance of the request sent by your SUT, click on the play icon next to the request type;
4. You have been redirected to EVSClient, select validator: **CH:PPQ_Request** and Extension **CH:PPQ** and hit the "Go" button;
5. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
6. When the validation report shows up, a pop-up raises, click on "OK";
7. Copy the permanent link of the message in the test step using the "add link" feature.

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-USER_ITI-40.

The status of the response to your AddPolicyRequest **must be Success.**

The validation of your request in EVSClient must return Passee.

Test Participants

Role in test : PPQ_REPOSITORY_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

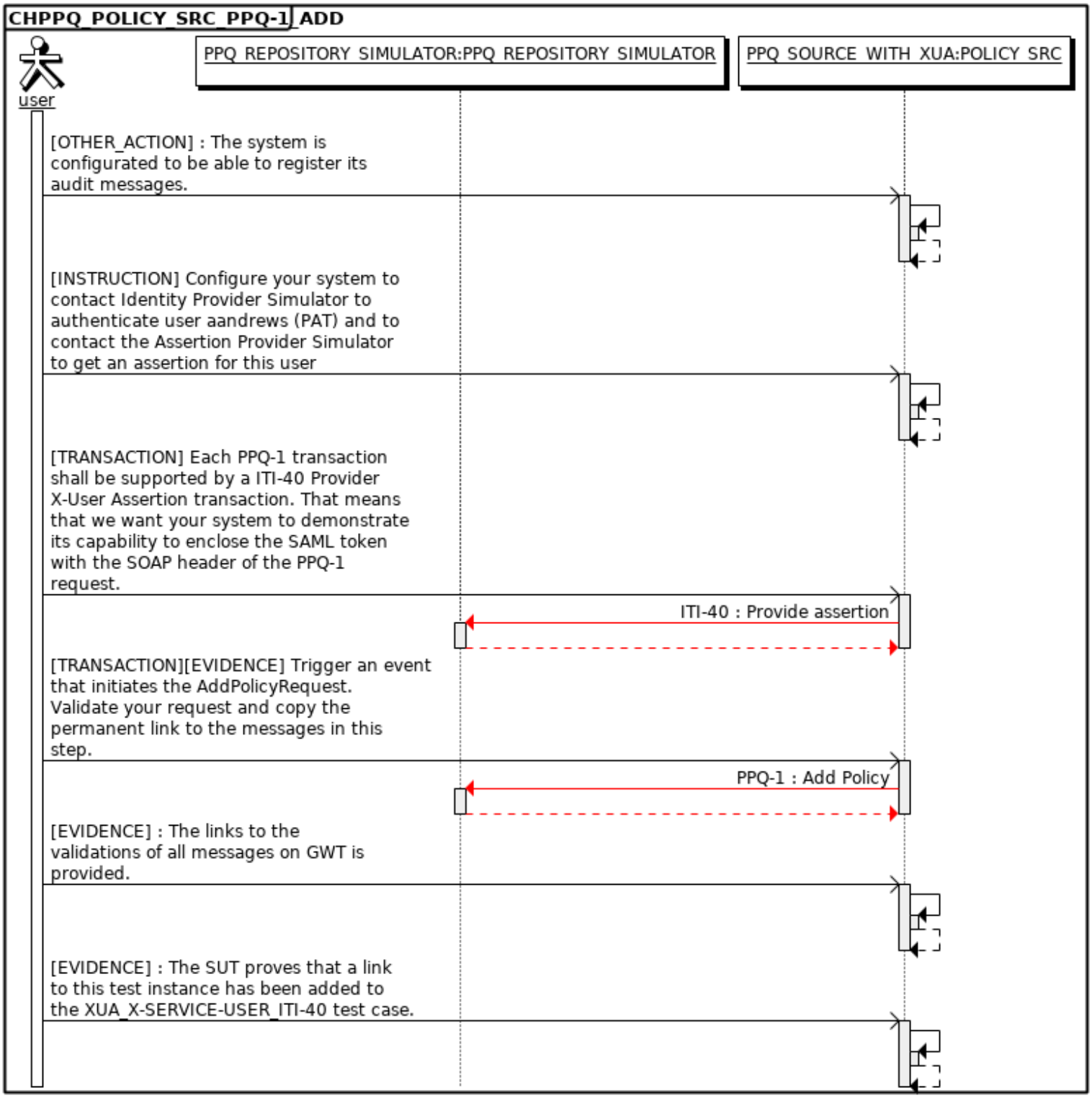
Role in test : PPQ_SOURCE_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-USR	XUA	NONE
POLICY_SRC	CH:PPQ	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		None	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
10	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		None	No	Required	
[INSTRUCTION] Configure your system to contact Identity Provider Simulator to authenticate user aandrews (PAT) and to contact the Assertion Provider Simulator to get an assertion for this user							
15	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] Each PPQ-1 transaction shall be supported by a ITI-40 Provider X-User Assertion transaction. That means that we want your system to demonstrate its capability to enclose the SAML token with the SOAP header of the PPQ-1 request.							
20	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	PPQ-1	Add Policy	Yes	Required	
[TRANSACTION][EVIDENCE] Trigger an event that initiates the AddPolicyRequest. Validate your request and copy the permanent link to the messages in this step.							
30	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							
40	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance has been added to the XUA_X-SERVICE-USER_ITI-40 test case.							

Sequence Diagram



Test case #13376 CHPPQ_POLICY_SRC_PPQ-1_DEL

Test Summary

Keyword :	CHPPQ_POLICY_SRC_PPQ-1_DEL	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_SRC_PPQ-1_DEL	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-10 12:11:15.332229 by ycadoret		

Short Description : Policy Source Delete Policy requests to a simulated PPQ repository a valid PPQ-1 Delete Policy que

Test Description

Special Instructions

In this case, your system acting as an PPQ source must request to a simulated PPQ repository. The goal is to Delete a policy in the Repository.

In this test, we will use the patient **Bergan Ovie**

uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

Description

Before running **DeletePolicy** request we will run a **AddPolicy** request : CHPPQ_POLICY_SRC_PPQ-1_ADD, like that, we will no break our data.

1- The PPQ-1 request must be grouped with an ITI-40. Before each request you must :

- Use the Identity Provider Simulator to do an **Authenticate User** transaction (Use the **PAT bovie**)
- Then do an **Get X-User Assertion** to the Assertion Provider Simulator (**https://ehealthsuisse.ihe-europe.net:10443/STS?wsdl**)
- Use the SAML Assertion in your PPQ-1 request

2- The request must contain the following attributes:
DeletePolicyRequest part

```
<saml:Issuer NameQualifier="urn:e-health-suisse:community-index">urn:oid:1.3.6.1.4.1.21367.2017.2.6.2</saml:Issuer>
    <saml:Statement xsi:type="epr:XACMLPolicySetIdReferenceStatementType">
      <xacml:PolicySetIdReference>urn:uuid:_uuid_used_in_AddPolicy</xacml:PolicySetIdReference>
```

To execute the request we use the following service => https://ehealthsuisse.ihe-europe.net/ppq-repository?wsdl
Information about the simulator => https://ehealthsuisse.ihe-europe.net/gazelle-documentation/EPR-PPQ-Simulator/user.html

The messages exchanged between your SUT and the simulator should have been recorded and be available in **Gazelle Webservice Tester**. For each test step flagged with [TRANSACTION][EVIDENCE] :

1. Access the messages in Gazelle Webservice Tester from the "**Mock messages**";
2. Find out the message of interest, you can use the filters to ease your search (we also recommand to do it before you move to the next step);
3. We want to verify the conformance of the request sent by your SUT, click on the play icon next to the request type;
4. You have been redirected to EVSClient, select validator: **XML** and Extension **CH:PPQ** and hit the "Go" button;
5. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
6. When the validation report shows up, a pop-up raises, click on "OK";
7. Copy the permanent link of the message in the test step using the "add link" feature.

Evaluation

- The **status** of the response to your DeletePolicyRequest must be **Success**.
- The validation of your DeletePolicyRequest in EVSClient must return **Passed**.

Test Participants

Role in test : PPQ_REPOSITORY_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Role in test : PPQ_SOURCE_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-USR	XUA	NONE

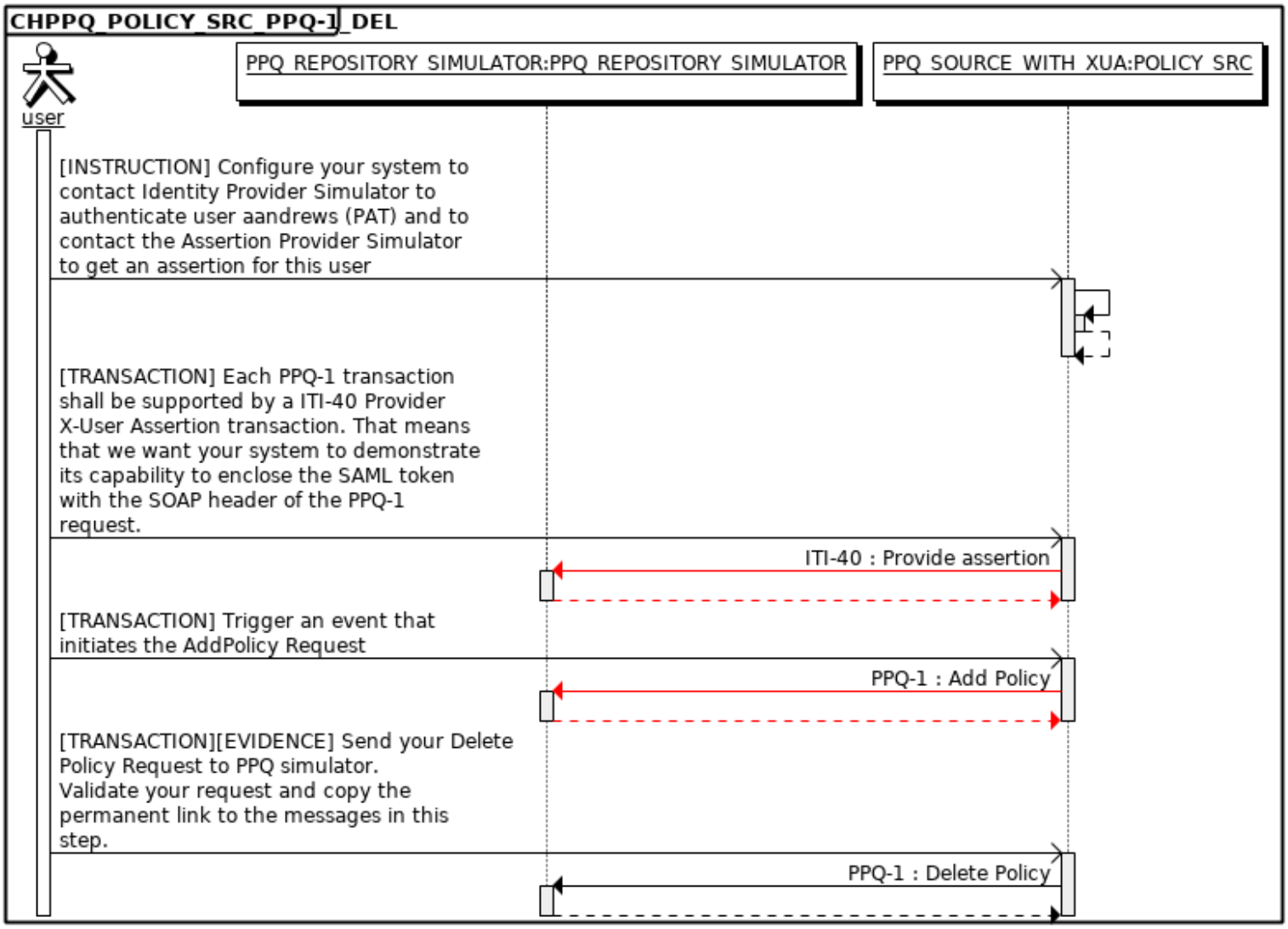
Test Participants

Actor	Profile	Option
POLICY_SRC	CH:PPQ	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		Configure	No	Required	
[INSTRUCTION] Configure your system to contact Identity Provider Simulator to authenticate user aandrews (PAT) and to contact the Assertion Provider Simulator to get an assertion for this user							
15	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] Each PPQ-1 transaction shall be supported by a ITI-40 Provider X-User Assertion transaction. That means that we want your system to demonstrate its capability to enclose the SAML token with the SOAP header of the PPQ-1 request.							
17	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	PPQ-1	Add Policy	Yes	Required	
[TRANSACTION] Trigger an event that initiates the AddPolicy Request							
20	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	PPQ-1	Delete Policy	No	Required	
[TRANSACTION][EVIDENCE] Send your Delete Policy Request to PPQ simulator. Validate your request and copy the permanent link to the messages in this step.							

Sequence Diagram



Test case #13378 CHPPQ_POLICY_SRC_PPQ-1_UPD

Test Summary

Keyword :	CHPPQ_POLICY_SRC_PPQ-1_UPD	**Type :**	conformity assessment
Name :	CHPPQ_POLICY_SRC_PPQ-1_UPD	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	wbars	**Verified by :**	NicolasBailliet
Date of last	2019-09-10 11:56:11.337317 by ycadoret		

Short Description : Policy Source must request to a simulated PPQ repository a valid UpdatePolicy Request.

Test Description

Special Instructions

In this case, your system acting as an PPQ source must request to a simulated PPQ repository. The goal is to Update a policy in the Repository.

In this test, we will use the patient **Bergan Ovie**
uid : **bovie**
nameID : **761337610435209810**
code-role : **PAT**
subject-id-qualifier : **urn:e-health-suisse:2015:epr-spid**
resource-id : **761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**

Description

Before running **UpdatePolicy** request we will run a **AddPolicy** request : CHPPQ_POLICY_SRC_PPQ-1_ADD, like that, we will no break our data.

1- The PPQ-1 request must be grouped with an ITI-40. Before each request you must :

- Use the Identity Provider Simulator to do an **Authenticate User** transaction (Use the **PAT bovie**)
- Then do an **Get X-User Assertion** to the Assertion Provider Simulator (**https://ehealthsuisse.ihe-europe.net:10443/STS?wsdl**)
- Use the SAML Assertion in your PPQ-1 request

2- The request must contain the following attributes:

```
<saml:Issuer NameQualifier="urn:e-health-suisse:community-index">urn:oid:1.3.6.1.4.1.21367.2017.2.6.2</saml:Issuer>
  <saml:Statement xsi:type="xacml-saml:XACMLPolicyStatementType">
    <xacml:PolicySet PolicyCombiningAlgId="urn:oasis:names:tc:xacml:1.0:policy-combining-algorithm:deny-overrides" ="urn:uuid:_uuid_used_in_AddPolicy">
        <xacml:Description>Policy Description</xacml:Description>
...
<xacml:Subjects>
 <xacml:Subject>
   <xacml:SubjectMatch MatchId="urn:oasis:names:tc:xacml:1.0:function:string-equal">
       <xacml:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#anyURI">761337610435209810</xacml:AttributeValue>
       <xacml:SubjectAttributeDesignator AttributeId="urn:oasis:names:tc:xacml:1.0:subject:subject-id" DataType="http://www.w3.org/2001/XMLSchema#string"/>
   </xacml:SubjectMatch>
   <xacml:SubjectMatch MatchId="urn:oasis:names:tc:xacml:1.0:function:anyURI-equal">
       <xacml:AttributeValue DataType="http://www.w3.org/2001/XMLSchema#anyURI">urn:e-health-suisse:2015:epr-spid</xacml:AttributeValue>
       <xacml:SubjectAttributeDesignator AttributeId="urn:oasis:names:tc:xacml:1.0:subject:subject-id-qualifier" DataType="http://www.w3.org/2001/XMLSchema#string"/>
   </xacml:SubjectMatch>
   <xacml:SubjectMatch MatchId="urn:hl7-org:v3:function:CV-equal">
       <xacml:AttributeValue DataType="urn:hl7-org:v3#CV">
           <hl7:CodedValue code="PAT" codeSystem="2.16.756.5.30.1.127.3.10.6"/>
       </xacml:AttributeValue>
       <xacml:SubjectAttributeDesignator DataType="urn:hl7-org:v3#CV" AttributeId="urn:oasis:names:tc:xacml:2.0:subject:role"/>
   </xacml:SubjectMatch>
 </xacml:Subject>
</xacml:Subjects>

<xacml:Resources>
   <xacml:Resource>
     <xacml:ResourceMatch MatchId="urn:hl7-org:v3:function:II-equal">
         <xacml:AttributeValue DataType="urn:hl7-org:v3#II">
             <hl7:InstanceIdentifier root="761337610435209810" extension="2.16.756.5.30.1.127.3.10.3"/>
         </xacml:AttributeValue>
         <xacml:ResourceAttributeDesignator DataType="urn:hl7-org:v3#II" AttributeId="urn:e-health-suisse:2015:epr-spid"/>
     </xacml:ResourceMatch>
   </xacml:Resource>
</xacml:Resources>

<xacml:PolicySetIdReference>urn:e-health-suisse:2015:policies:access-level:full</xacml:PolicySetIdReference>
```

Execute the requests using the following **service** : https://ehealthsuisse.ihe-europe.net/ppq-repository?wsdl
Informations about the simulator : https://ehealthsuisse.ihe-europe.net/gazelle-documentation/EPR-PPQ-Simulator/user.html

***xacml:Description** : This is a short policy description, in this test we can use any descriptions. They have no impact on the final result.

The messages exchanged between your SUT and the simulator should have been recorded and be available in **Gazelle Webservice Tester.** For each test step flagged with [TRANSACTION][EVIDENCE] :

1. Access the messages in Gazelle Webservice Tester from the "**Mock messages**";
2. Find out the message of interest, you can use the filters to ease your search (we also recommand to do it before you move to the next step);
3. We want to verify the conformance of the request sent by your SUT, click on the play icon next to the request type;
4. You have been redirected to EVSClient, select validator: **XML** and Extension **CH:PPQ** and hit the "Go" button;
5. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
6. When the validation report shows up, a pop-up raises, click on "OK";
7. Copy the permanent link of the message in the test step using the "add link" feature.

Evaluation

- The **status** of the response to your UpdatePolicyRequest must be **Success.**
- The validation of your UpdatePolicyRequest in EVSClient must return **Passed.**

Test Participants

Role in test : PPQ_REPOSITORY_SIMULATOR (Tool) **Option :** R **Nb of instances :** 1

Test Participants

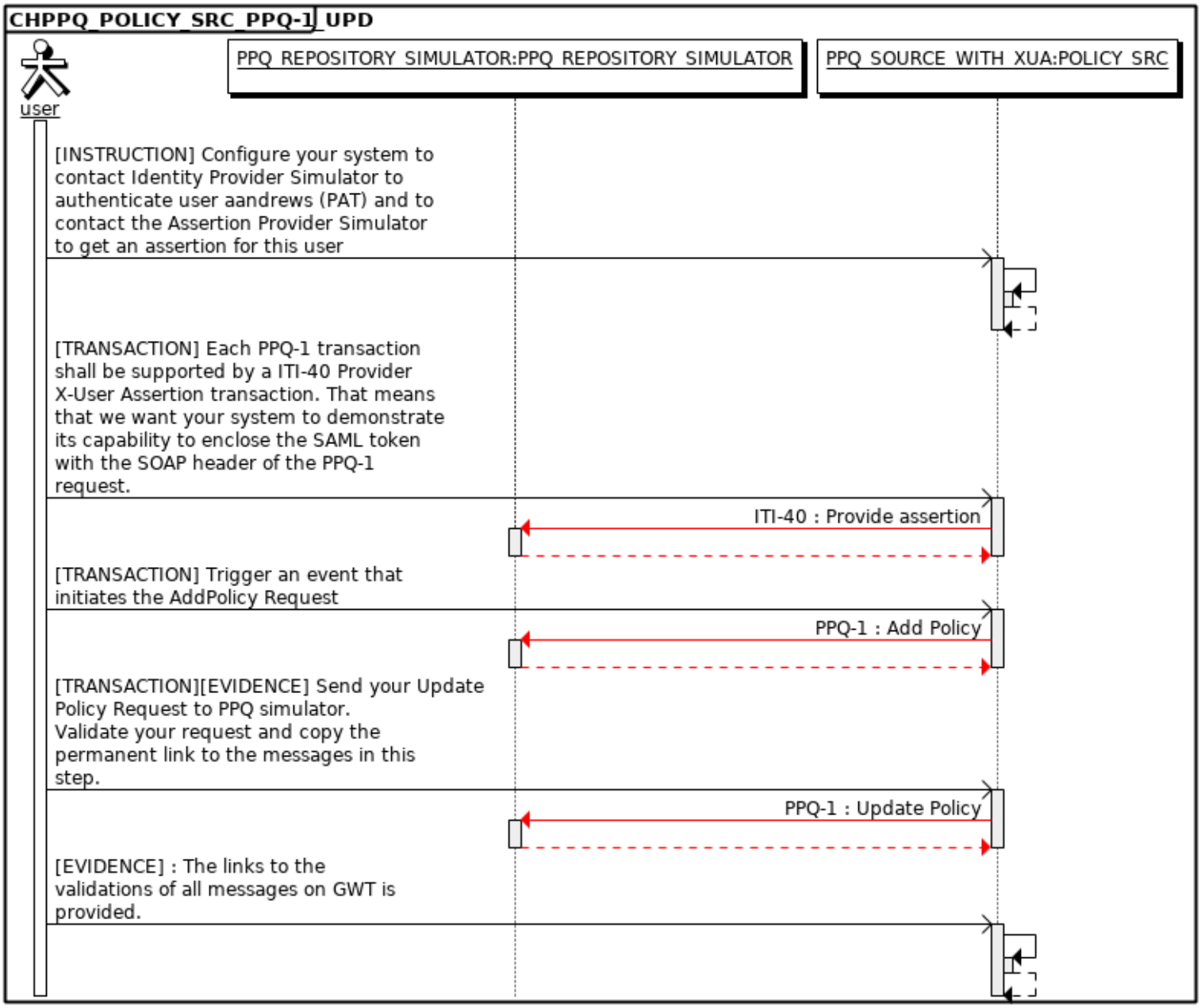
Role in test : PPQ_SOURCE_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-USR	XUA	NONE
POLICY_SRC	CH:PPQ	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
40	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		None	No	Required	
[INSTRUCTION] Configure your system to contact Identity Provider Simulator to authenticate user aandrews (PAT) and to contact the Assertion Provider Simulator to get an assertion for this user							
41	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] Each PPQ-1 transaction shall be supported by a ITI-40 Provider X-User Assertion transaction. That means that we want your system to demonstrate its capability to enclose the SAML token with the SOAP header of the PPQ-1 request.							
45	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	PPQ-1	Add Policy	Yes	Required	
[TRANSACTION] Trigger an event that initiates the AddPolicy Request							
50	PPQ_SOURCE_WITH_XUA	PPQ_REPOSITORY_SIMULATOR	PPQ-1	Update Policy	Yes	Required	
[TRANSACTION][EVIDENCE] Send your Update Policy Request to PPQ simulator. Validate your request and copy the permanent link to the messages in this step.							
60	PPQ_SOURCE_WITH_XUA	PPQ_SOURCE_WITH_XUA		Validate	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Sequence Diagram



Test case #13520 PPQ_REPO_CONF

Test Summary

Keyword : PPQ_REPO_CONF
Name : PPQ_REPO_CONF
Version : 1.0
Author : ycadoret
Date of last 2019-09-12 17:12:36.806969 by aeschlimann
Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : aeschlimann

Short Description : Configuration and data feed for the PPQ Repository

Test Description

Special Instructions

This test case shall be executed as the first test for the PPQ Repository because it gives guidance to the user on how to configure his/her registry.

Description

To integrate the Policy Repository to ADR Provider :

For each transaction that will be received by the Policy Repository, a CH:ADR Authorization Decision Query is expected from the Document Registry to an ADR Provider. In response to the request received, the action requested should be performed or not according to the Authorization Decision response. The **Policy Repository MUST be configured to send Authorization Decision Queries to the Gazelle simulator ADR Provider**.

Gazelle ADR Provider service => https://ehealthsuisse.ihe-europe.net:10443/adr-provider?wsdl (URL secured with mutual authentication, not displayable in a web browser)

Simulator documentation => https://ehealthsuisse.ihe-europe.net/gazelle-documentation/EPR-ADR-Simulator/user.html

Evaluation

No formal evaluation is expected for this test, the next tests will demonstrate that you have correctly configured your repository

Test Participants

Role in test : PPQ_REPOSITORY_WITH_XUA (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECI_CONS	CH:ADR	NONE
POLICY_REPO	CH:PPQ	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

Sequence Diagram