Tests definitions

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Test case #14103 CHADR_delegation_for_Provider_Error_Cases

Test Summary

Keyword :	CHADR_deleg_for_Prov_Err_CTS	**Type :**	conformity assessment
Name :	CHADR_delegation_for_Provider_Error_C	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	vhofman	**Verified by :**	**Not verified**
Date of last	2024-07-01 11:13:08.613954 by vhofman		

Short Description : Test if a ADR Provider returns the corresponding errors when receiving wrong requests in case of delegation.

Test Description

Prerequisites :

To run this test, the patient shall have:

- an EPR
- already authorized HCP1 to access the EPR with a specific confidentiality code and with optional time limits.

This test is a part of a workflow where HCP1 requests for a delegation to HCP2 for a Patient's resource.

Special Instructions

The following data must be used:

Patient:
uid: bovie,
identifiers :
• AN204^^^IHEPAM&1.3.6.1.4.1.12559.11.20.1&ISO^AN,
• CHPAM9810^^^CHPAM&1.3.6.1.4.1.12559.11.20.1&ISO,
• 761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO,
• CHFACILITY9810^^^CHFACILITY&1.3.6.1.4.1.12559.11.25.1.19&ISO
HCP1:
uid: rreynolds
GLN: 7601002467373

HCP2:
uid: aandrews
GLN: 7601002469191

Description

Context:

- A HCP needs to delegate his right on patient's resources to an another HCP between 2 dates

- The PPQ Repository receives a PPQ-1 request and (as a ADR Consumer) needs to check if HCP1 has the right on the patient's EPR between the 2 dates

In this test scenario:

- The **ADR Consumer** (Simulator) sends ADR Authorization Access Requests with incorrect information to the **ADR Provider** (SUT).
- The **ADR Provider** accesses the **PPQ Policy Repository**, retrieves the authorization decision, interprets the policy and sends a response to the ADR Consumer according the stored policies.
- According to the sent request, the **ADR provider** returns Indeterminate or Deny responses to the **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:ADR-PPQ Delegation** from the drop-down list;
4. Select test suite **ADR_for_PPQ_Provider_Delegation_invalid_case** 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

Evidences

Test participants shall provide the logs of the following messages exchanged during the test:

- The retrieved decision of the **PPQ Policy Repository** by the **ADR Provider**
- The response of the **ADR Provider** to the **ADR Consumer**
- The Gazelle Webservice Tester link

Evaluation

- The decision of the response must be Indeterminate.
- The start-date and end-date have been processed by your SUT.

Test Participants

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

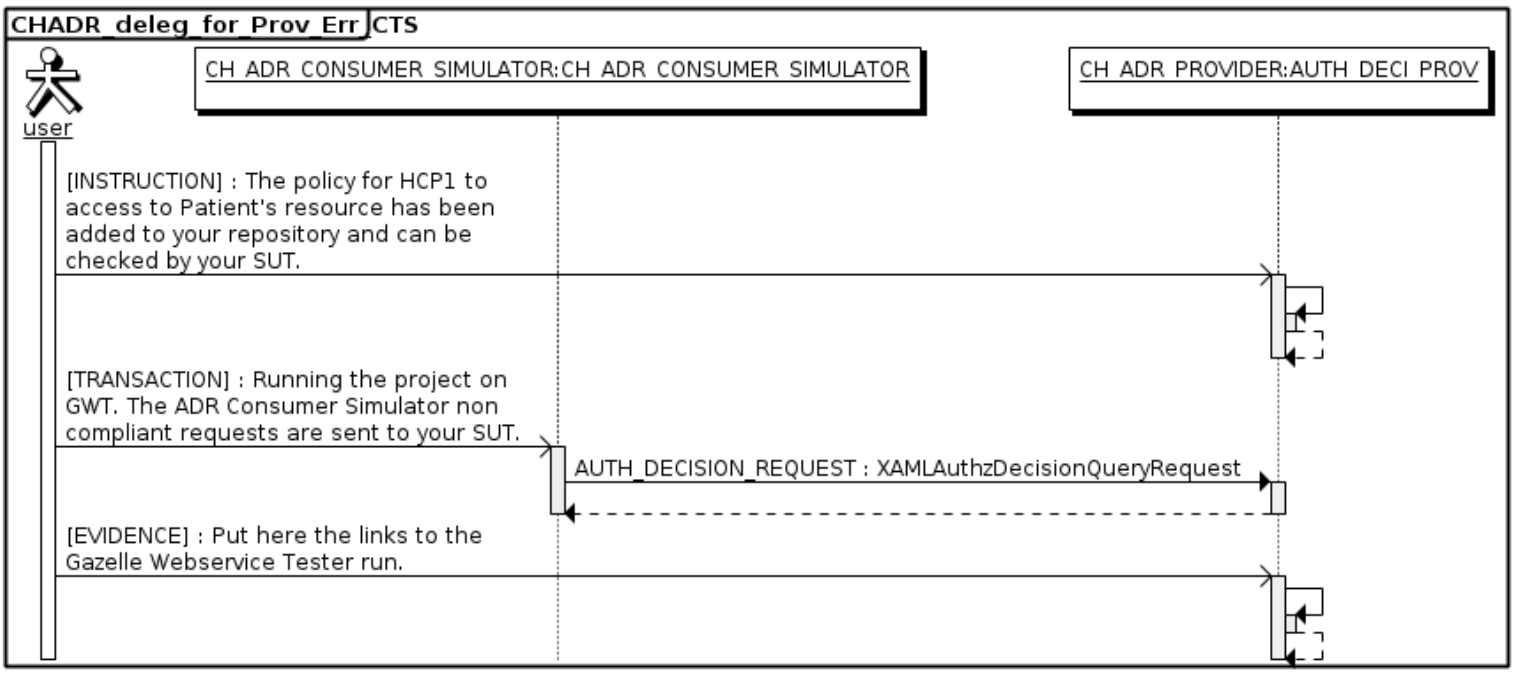
Role in test : CH_ADR_PROVIDER (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		Instructions	No	Required	
[INSTRUCTION] : The policy for HCP1 to access to Patient's resource has been added to your repository and can be checked by your SUT.							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	XAMLAuthzDecisionQueryRequest	No	Required	
[TRANSACTION] : Running the project on GWT. The ADR Consumer Simulator non compliant requests are sent to your SUT.							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] : Put here the links to the Gazelle Webservice Tester run.							

Sequence Diagram



Test case #14106 CHADR_delegation_for_Provider

Test Summary

Keyword :	CHADR_deleg_for_Provider_CTS	**Type :**	conformity assessment
Name :	CHADR_delegation_for_Provider	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	vhofman	**Verified by :**	**Not verified**
Date of last	2024-07-01 11:14:55.287588 by vhofman		

Short Description : A HCP needs to delegate his right on patient’s resources to an another HCP between 2 dates. The ADR Consumer requests the ADR Provider to check HCP1's rights.

Test Description

Prerequisites :

To run this test, the patient shall have:

- an EPR
- already authorized HCP1 to access the EPR with a specific confidentiality code and with optional time limits (please check your repository policies).

This test is a part of a workflow where HCP1 requests for a delegation to HCP2 for a Patient's resource.

Special Instructions

The following data must be used in order to create the initial policy in your system (HCP1 has the rights on Patient's resource)

Patient:
uid: bovie,
identifiers :
• AN204^^^IHEPAM&1.3.6.1.4.1.12559.11.20.1&ISO^AN,
• CHPAM9810^^^CHPAM&1.3.6.1.4.1.12559.11.20.1&ISO,
• 761337610435209810^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO,
• CHFACILITY9810^^^CHFACILITY&1.3.6.1.4.1.12559.11.25.1.19&ISO
HCP1:
uid: rreynolds
GLN: 7601002467373

HCP2 (As an information forthe delegation you'll receive):
uid: aandrews
GLN: 7601002469191

Description

Context:

- A HCP needs to delegate his right on patient's resources to an another HCP between 2 dates

- The PPQ Repository receives a PPQ-1 request and (as a ADR Consumer) needs to check if HCP1 has the right on the patient's EPR between the 2 dates

In this test scenario:

- The **ADR Consumer** (Simulator) sends an ADR Authorization Access Request (XAMLAuthzDecisionQueryRequest) with the 2 time limitation parameters to the **ADR Provider** (SUT).
- The **ADR Provider** accesses the PPQ Policy Repository, retrieves the authorization decision, interprets the policy and sends a response to the ADR Consumer according the stored policies.
- The response returned by the **ADR provider** shall be Permit.

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:ADR-PPQ Delegation** from the drop-down list;
4. Select test suite **ADR_for_PPQ_Provider_Delegation_valid_case** 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, 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 the validator "**CH: ADR**" in the EPR group then click on the "Go" button;
3. Select **CH:ADR_due_to_PPQ_response** validator and click on the "Validate" button;
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

Evidences

As a ADR Provider Operator, you shall shall provide the logs of the following messages exchanged during the test:

- The retrieved decision of the **PPQ Policy Repository** by the **ADR Provider**
- The response of the **ADR Provider** to the **ADR Consumer**
- The Gazelle Webservice Tester link

Evaluation

- The StatusCode of the response : **urn:oasis:names:tc:xacml:1.0:status:ok** and the decision must be **Permit.**
- The validation in EVSClient must be **Passed**
- The start-date and end-date have been processed by your SUT.

Test Participants

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

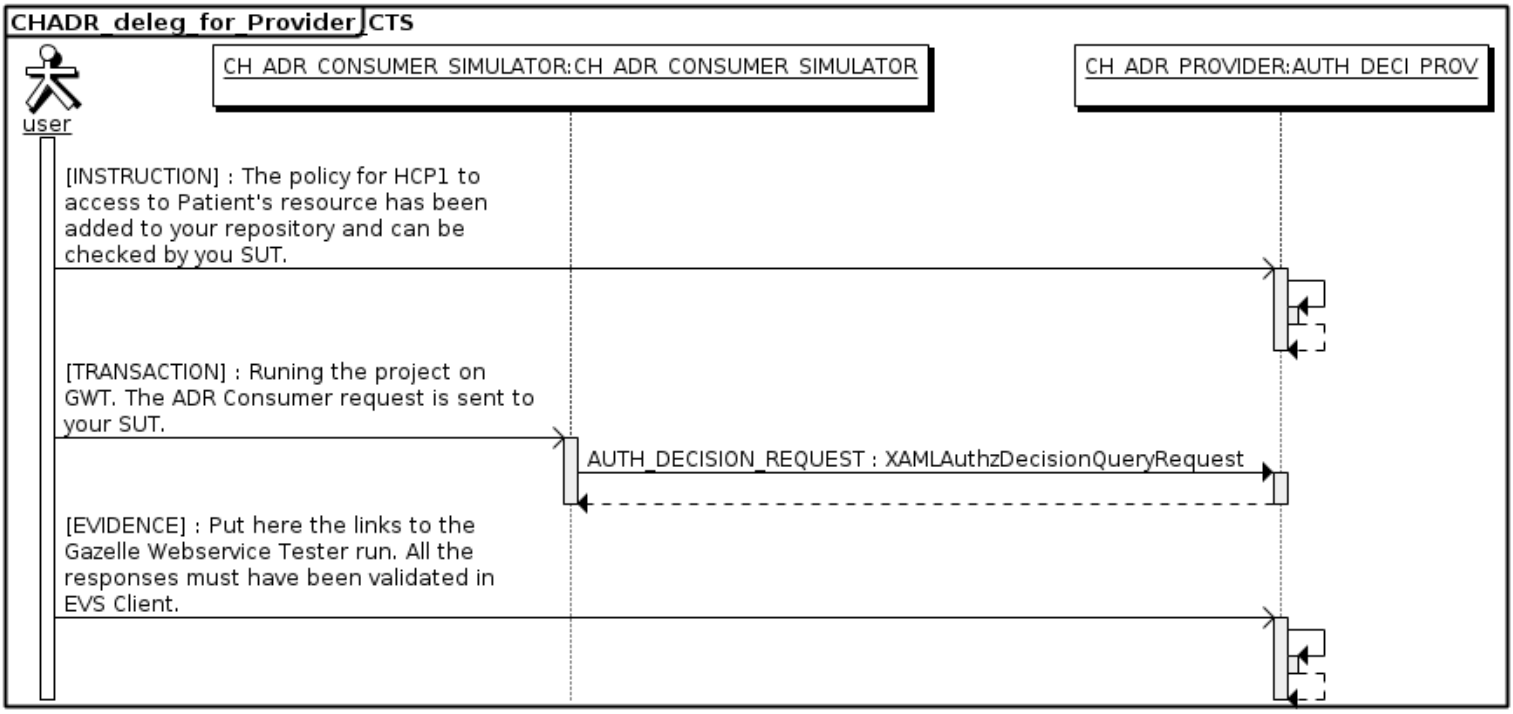
Role in test : CH_ADR_PROVIDER (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		Instructions	No	Required	
[INSTRUCTION] : The policy for HCP1 to access to Patient's resource has been added to your repository and can be checked by you SUT.							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	XAMLAuthzDecisionQueryRequest	No	Required	
[TRANSACTION] : Runing the project on GWT. The ADR Consumer request is sent to your SUT.							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] : Put here the links to the Gazelle Webservice Tester run. All the responses must have been validated in EVS Client.							

Sequence Diagram



Test case #13969 CHADR_due_to_ATC_for_Provider

Test Summary

Keyword : CHADR_due_to_ATC_for_Prov_CTS
Name : CHADR_due_to_ATC_for_Provider
Version : 1.2
Author : vhofman
Date of last 2024-01-26 16:14:38.65259 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : Authorization Decision Provider

Test Description

Special Instructions

In this case, your system acting as ADR Provider must respond to a simulated ADR request. The goal is to obtain access rights for ATC from policies from a PPQ Policy Repository simulator.

This test will use the following data :

Patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

PPQ Policy Repository : https://ehealthsuisse.ihe-europe.net:10443/ppq-repository?wsdl

Sender of the request : **Nilesh WITTWER-CHRISTEN** (PAT, username **nwittwerchristen**) OR **Ann ANDREWS** (HCP, username **aandrews**)

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:ADR Provider** from the drop-down list;
4. Select test suite **ADR_for_ATC_Provider 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, 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 the validator "**CH:ADR**" in the EPR group then click on the "Go" button;
3. Select **CH:ADR_due_to_ATC_response** validator **and** click on the "Validate" button;
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

Evaluation

- The StatusCode of the response must be : **urn:oasis:names:tc:xacml:1.0:status:ok** and the decision must be **Permit.**
- The validation in EVSClient must be **Passed**

Test Participants

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

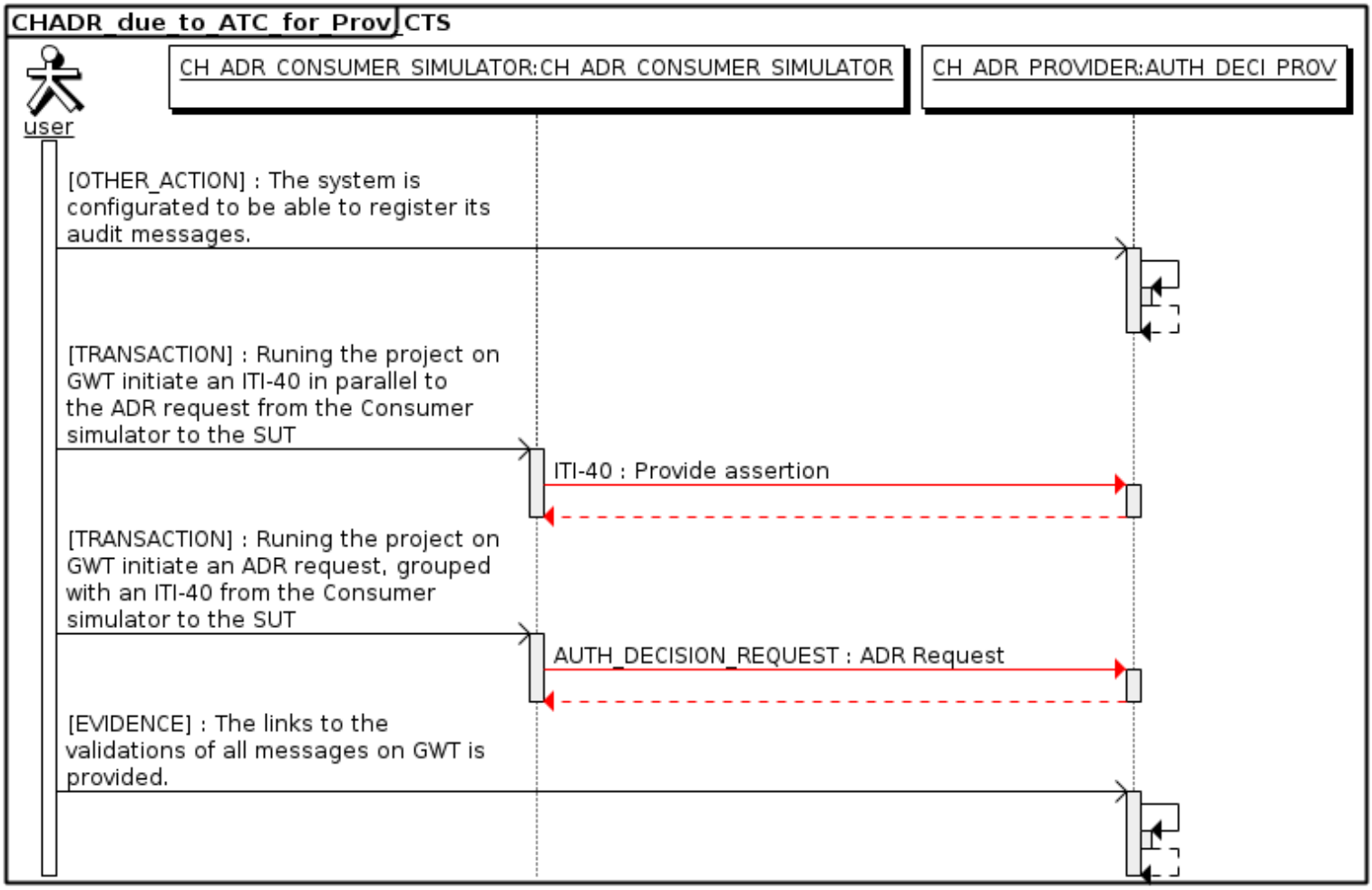
Role in test : CH_ADR_PROVIDER (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
15	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ITI-40 in parallel to the ADR request from the Consumer simulator to the SUT							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ADR request, grouped with an ITI-40 from the Consumer simulator to the SUT							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Sequence Diagram



Test case #13968 CHADR_due_to_ATC_for_Provider_Error

Test Summary

Keyword : CHADR_due_to_ATC_for_Prv_Err_CTS
Name : CHADR_due_to_ATC_for_Provider_Error
Version : 1.2
Author : vhofman
Date of last 2024-01-26 16:15:08.087636 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : Authorization Decision Provider Error case

Test Description

Special Instruction

In this case, your system acting as ADR Provider must respond to a simulated ADR request. The goal is to obtain access rights for ATC from policies from a PPQ Policy Repository simulator.
Please use GWT to initiate the request, the role and the related resource-id must be defined.

This test will use the following data :

Patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **76133761041126530 4^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

PPQ Policy Repository : https://ehealthsuisse.ihe-europe.net:10443/ppq-repository?wsdl

Sender of the request : **Nilesh WITTWER-CHRISTEN** (PAT, username **nwittwerchristen**) OR **Ann ANDREWS** (HCP, username **aandrews**)

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:ADR Provider** from the drop-down list;
4. Select test suite **ADR_for_ATC_Provider invalid_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. In this case, the extension id will automatically be replaced by an invalid value (such as '333')
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 the validator "**CH:ADR**" in the EPR Group and click on the Go button;
3. Then select the validation profile "**CH:ADR_due_to_ATC_request**" 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 status of the response must be : **error:not-holder-of-patient-policies**
- The Decision must be : **Indeterminate**
- The validation in EVSClient must be : **Passed**

Test Participants

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

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

Actor	Profile	Option
X-SERV-PROV	XUA	NONE

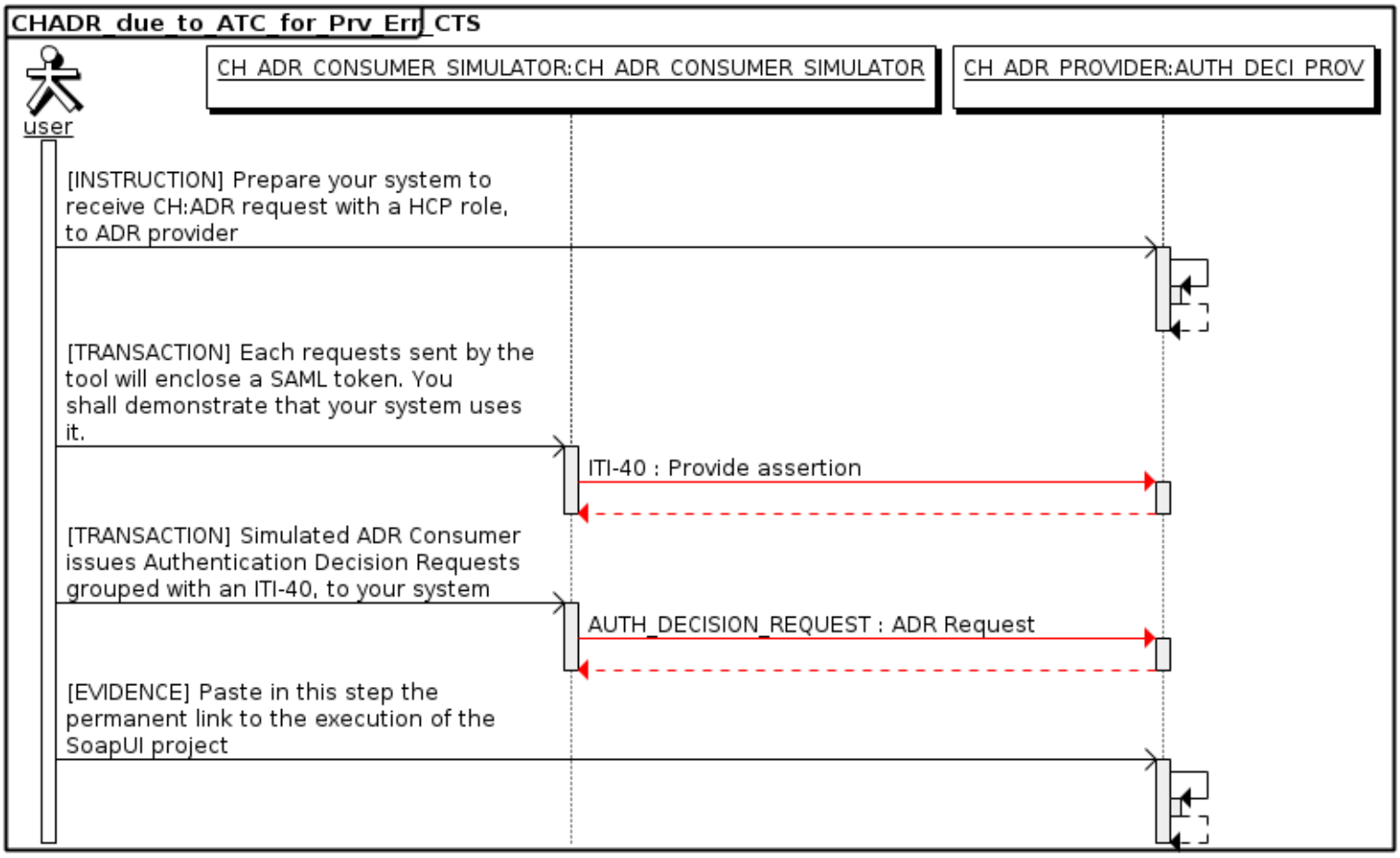
Test Participants

Actor	Profile	Option
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[INSTRUCTION] Prepare your system to receive CH:ADR request with a HCP role, to ADR provider							
15	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] Each requests sent by the tool will enclose a SAML token. You shall demonstrate that your system uses it.							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] Simulated ADR Consumer issues Authentication Decision Requests grouped with an ITI-40, to your system							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] Paste in this step the permanent link to the execution of the SoapUI project							

Sequence Diagram



Test case #13967 CHADR_due_to_PPQ_for_Provider

Test Summary

Keyword : CHADR_due_to_PPQ_for_Prov_CTS
Name : CHADR_due_to_PPQ_for_Provider
Version : 1.2
Author : vhofman
Date of last 2024-01-26 16:15:30.970648 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : Authorization Decision Provider

Test Description

Special Instructions

In this case, your system acting as ADR Provider must respond to a simulated ADR request. The goal is to obtain access rights for PPQ transactions from policies from a PPQ Policy Repository simulator.

This test will use the following data :

Patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

PPQ Policy Repository : https://ehealthsuisse.ihe-europe.net:10443/ppq-repository?wsdl

Sender of the request : **Nilesh WITTWER-CHRISTEN** (PAT, username **nwittwerchristen**) OR **Ann ANDREWS** (HCP, username **aandrews**)

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:ADR Provider** from the drop-down list;
4. Select test suite **ADR_for_PPQ_Provider 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, 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 the validator "**CH:ADR**" in the EPR group then click on the "Go" button;
3. Select **CH:ADR_due_to_PPQ_response** validator **and** click on the "Validate" button;
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

Evaluation

- The StatusCode of the response : **urn:oasis:names:tc:xacml:1.0:status:ok** and the decision must be **Permit.**
- The validation in EVSClient must be **Passed**

Test Participants

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

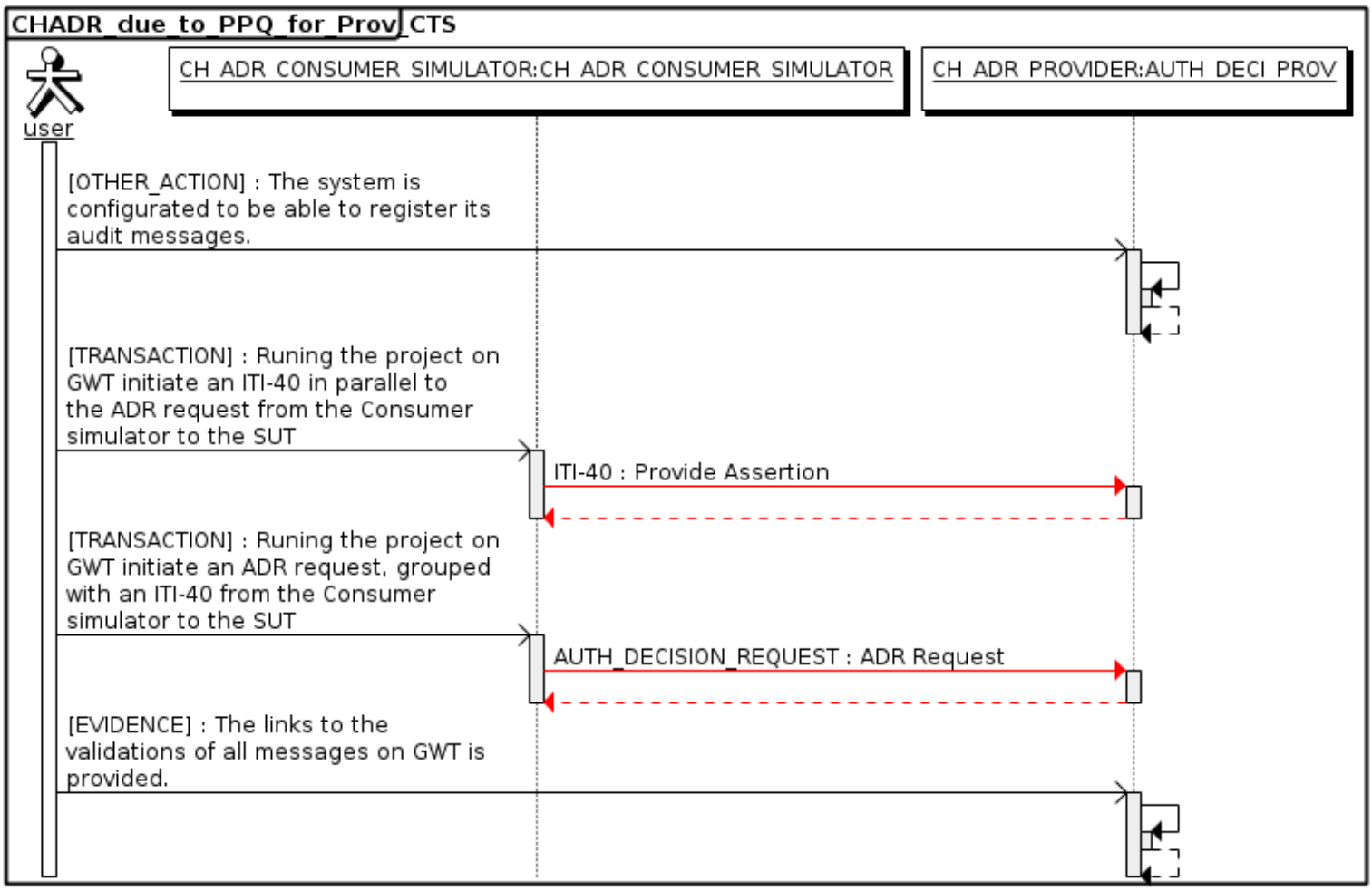
Role in test : CH_ADR_PROVIDER (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
15	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	ITI-40	Provide Assertion	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ITI-40 in parallel to the ADR request from the Consumer simulator to the SUT							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ADR request, grouped with an ITI-40 from the Consumer simulator to the SUT							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							

Sequence Diagram



Test case #13966 CHADR_due_to_PPQ_for_Provider_Error

Test Summary

Keyword : CHADR_due_to_PPQ_for_Prv_Err_CTS
Name : CHADR_due_to_PPQ_for_Provider_Error
Version : 1.2
Author : vhofman
Date of last 2024-01-26 16:16:26.972479 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : Authorization Decision Provider Error case

Test Description

Special Instructions

In this case, your system acting as ADR Provider must respond to a simulated ADR request. The goal is to obtain access rights for PPQ transactions from policies from a PPQ Policy Repository simulator.

This test will use the following data :

Patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

PPQ Policy Repository : https://ehealthsuisse.ihe-europe.net:10443/ppq-repository?wsdl

Sender of the request : **Nilesh WITTWER-CHRISTEN** (PAT, username **nwittwerchristen**) OR **Ann ANDREWS** (HCP, username **aandrews**)

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:ADR Provider** from the drop-down list;
4. Select test suite **ADR_for_PPQ_Provider invalid_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. In this case, there are two tests; with **unknow_subject** and **unknow_extension.**

   For each test, the valid value will automatically be replaced by an invalid value (such as '3333')
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 the validator "**CH: ADR**" in the EPR group then click on the "Go" button;
3. Select **CH: ADR_due_to_PPQ_response** validator **and** click on the "Validate" button;
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

Evaluation

- The status of the response for the **unknow_subject** test must be **"success"** and the decision must be **"NotApplicable".**
- The **unknow_extension** test the response must be **"not-holder-of-patient-policies"** and the decision must be **"Indeterminate".**
- The validation in EVSClient must return **Passed**

Test Participants

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

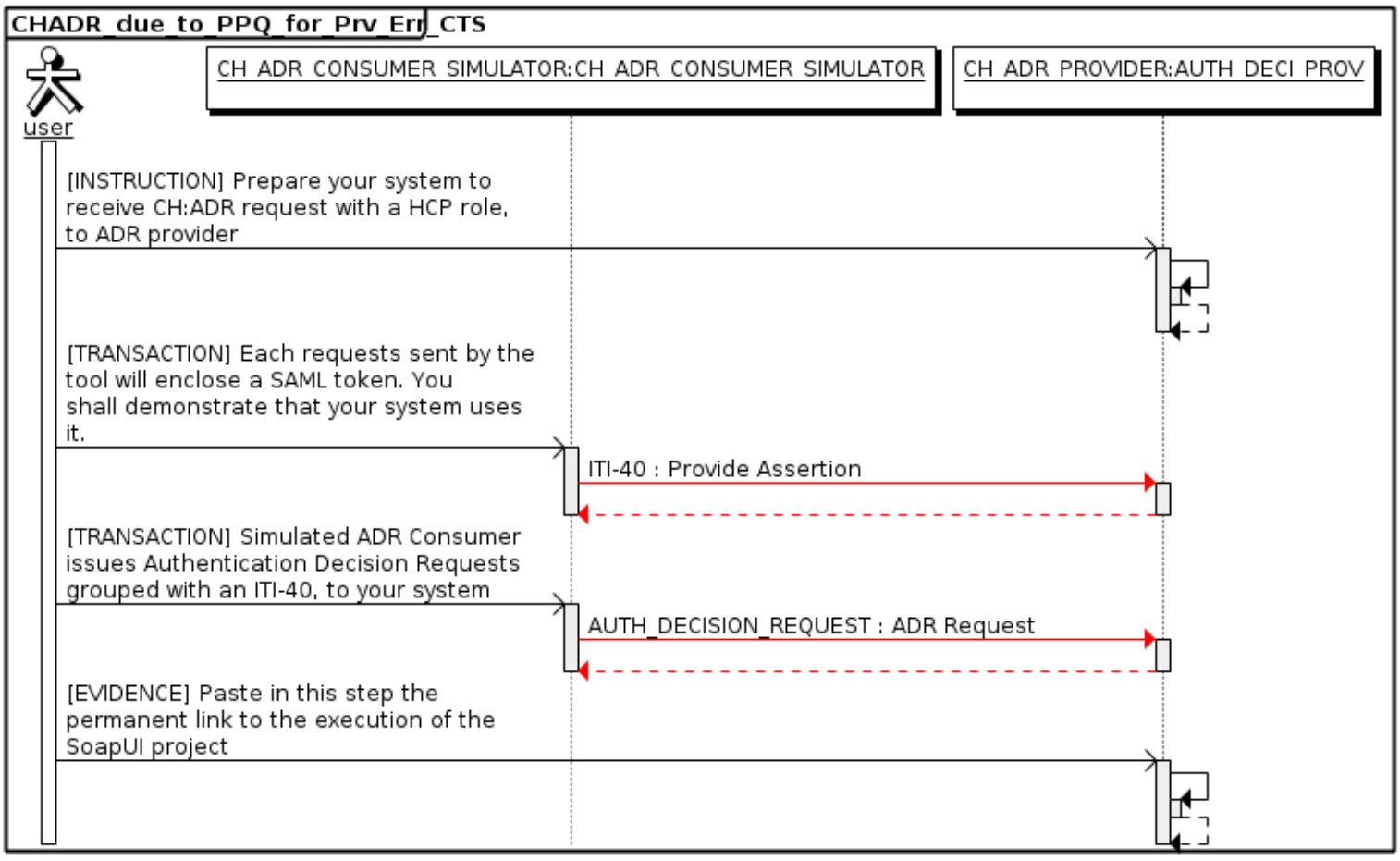
Role in test : CH_ADR_PROVIDER (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[INSTRUCTION] Prepare your system to receive CH:ADR request with a HCP role, to ADR provider							
15	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	ITI-40	Provide Assertion	Yes	Required	
[TRANSACTION] Each requests sent by the tool will enclose a SAML token. You shall demonstrate that your system uses it.							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] Simulated ADR Consumer issues Authentication Decision Requests grouped with an ITI-40, to your system							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] Paste in this step the permanent link to the execution of the SoapUI project							

Sequence Diagram



Test case #13965 CHADR_due_to_XDS_for_Provider

Test Summary

Keyword : CHADR_due_to_XDS_for_Prov_CTS
Name : CHADR_due_to_XDS_for_Provider
Version : 1.2
Author : vhofman
Date of last 2024-01-26 16:16:44.024389 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : A simulator sends ADR AuthorizationDecision requests due to XDS requests to an ADR Provider SU

Test Description

Special Instructions

In this case, your system acting as ADR Provider must respond to a simulated ADR request. The goal is to obtain access rights for XDS policies from a PPQ Policy Repository simulator.

The ADR Provider actor is expected to act as a X-Service Provider. 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-PROV_ITI-40

This test will use the following data :

Patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

PPQ Policy Repository : https://ehealthsuisse.ihe-europe.net:10443/ppq-repository?wsdl

Sender of the request : **Nilesh WITTWER-CHRISTEN** (PAT, username **nwittwerchristen**) OR **Ann ANDREWS** (HCP, username **aandrews**)

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:ADR Provider** from the drop-down list;
4. Select test suite **ADR_for_XDS_Provider 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 the validator "**CH:ADR**" in the EPR group then click on the "Go" button;
3. Select **CH:ADR_due_to_XDS_response** validator **and** click on the "Validate" button;
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 StatusCode of the response : **urn:oasis:names:tc:xacml:1.0:status:ok**
- The decisions must be **Permit** if the request is sent by the patient Nilesh WITTWER-CHRISTEN.
- The decisions must be **Permit** for normal document and **Deny** for the rest if the request is sent by the HCP Ann ANDREWS.
- The validation in EVSClient must be **Passed**

Test Participants

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

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

Actor	Profile	Option
X-SERV-PROV	XUA	NONE

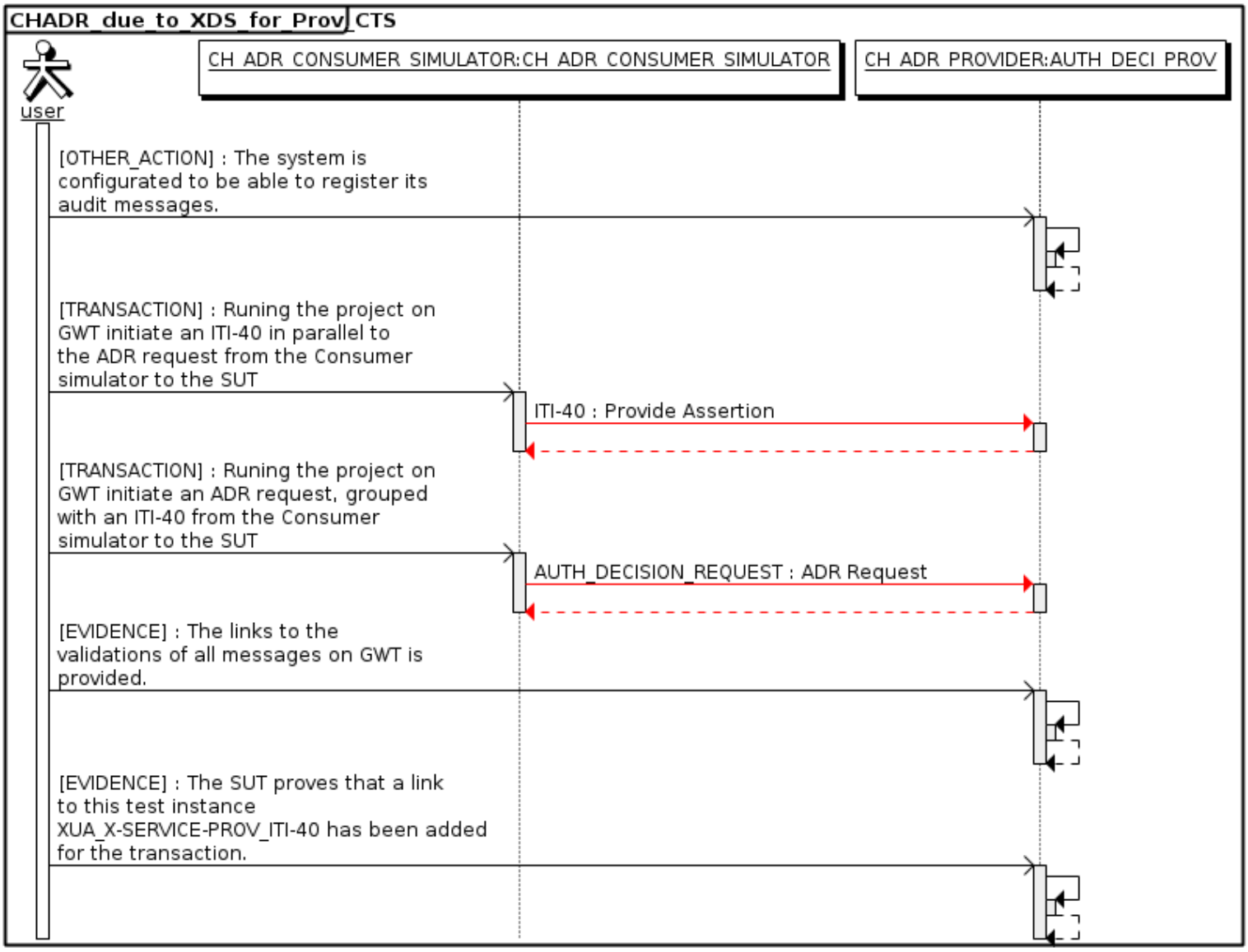
Test Participants

Actor	Profile	Option
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[OTHER_ACTION] : The system is configurated to be able to register its audit messages.							
15	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	ITI-40	Provide Assertion	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ITI-40 in parallel to the ADR request from the Consumer simulator to the SUT							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] : Runing the project on GWT initiate an ADR request, grouped with an ITI-40 from the Consumer simulator to the SUT							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							
40	CH_ADR_PROVIDER	CH_ADR_PROVIDER		none	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance XUA_X-SERVICE-PROV_ITI-40 has been added for the transaction.							

Sequence Diagram



Test case #13964 CHADR_due_to_XDS_for_Provider_Error

Test Summary

Keyword : CHADR_due_to_XDS_for_Prv_Err_CTS
Name : CHADR_due_to_XDS_for_Provider_Error
Version : 1.2
Author : vhofman
Date of last 2024-01-26 16:17:15.600476 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : Authorization Decision Provider

Test Description

Special Instructions

In this case, your system acting as ADR Provider must respond to a simulated ADR request. The goal is to obtain access rights for XDS policies from a PPQ Policy Repository simulator. Please use GWT to initiate the request, the role and the related resource-id must be defined.

This test will use the following data :

Patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **7613376104112653O4^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

PPQ Policy Repository : https://ehealthsuisse.ihe-europe.net:10443/ppq-repository?wsdl

Sender of the request : **Nilesh WITTWER-CHRISTEN** (PAT, username **nwittwerchristen**) OR **Ann ANDREWS** (HCP, username **aandrews**)

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:ADR Provider** from the drop-down list;
4. Select test suite **ADR_for_XDS_Provider invalid_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. In this case, there are two tests; with **unknow_subject**, and **unknow_extension**.
   For each test, the valid value will automatically be replaced by an invalid value (such as '3333')
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 the validator "**CH:ADR**" in the EPR group then click on the "Go" button;
3. Select **CH:ADR_due_to_XDS_response** validator and click on the "Validate" button;
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK";

Evaluation

- First of all, the status of the response for the **unknow_subject** test must be **success** and the decisions must be **"NotApplicable"**.
- For the **unknow_extension** test the response must be **not-holder-of-patient-policies** and the decisions must be **"Indeterminate"**.
- The validation in EVSClient must return **Passed**

Test Participants

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

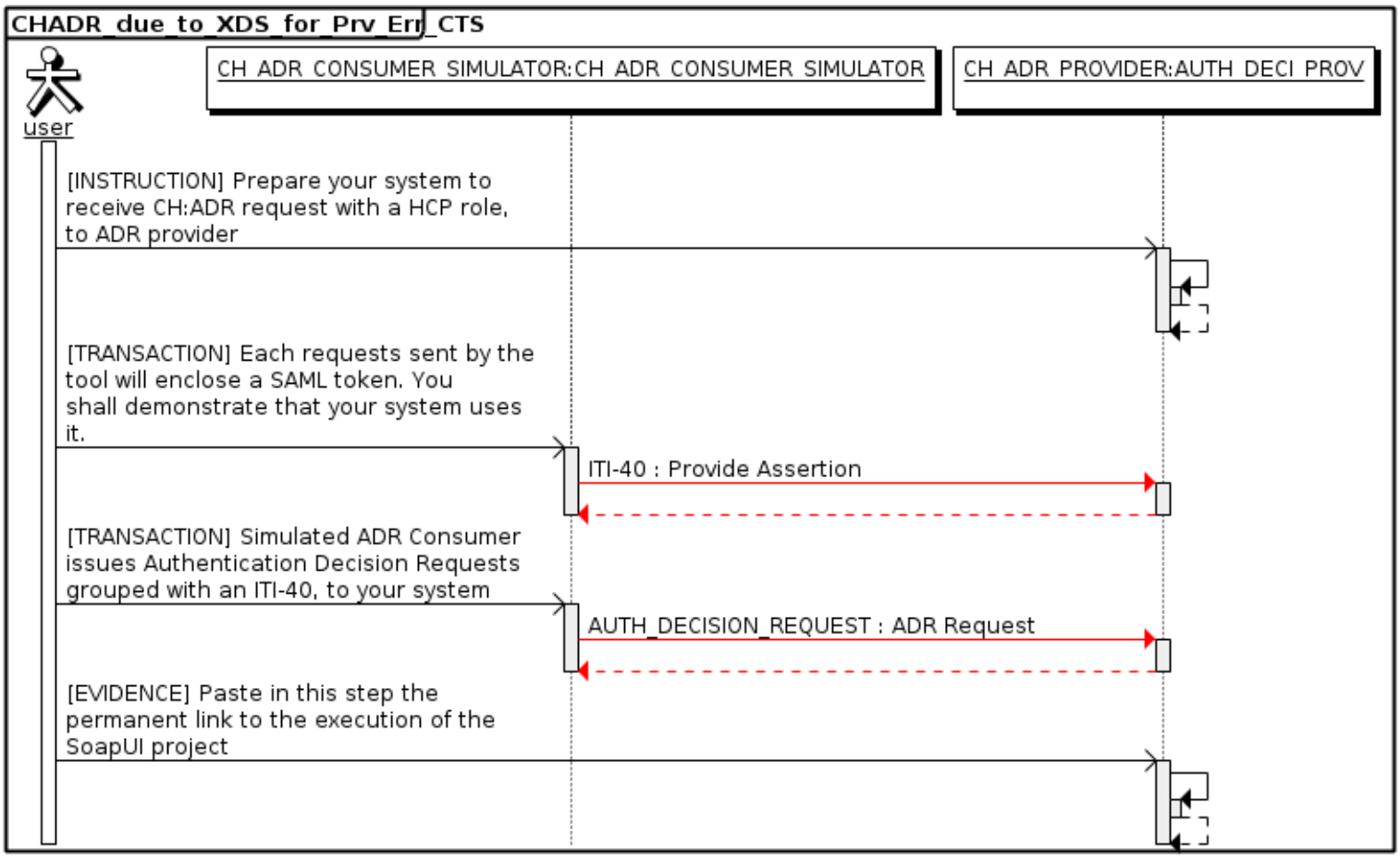
Role in test : CH_ADR_PROVIDER (SUT) **Option :** R **Nb of instances :** 1

Actor	Profile	Option
X-SERV-PROV	XUA	NONE
AUTH_DECI_PROV	CH:ADR	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[INSTRUCTION] Prepare your system to receive CH:ADR request with a HCP role, to ADR provider							
15	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	ITI-40	Provide Assertion	Yes	Required	
[TRANSACTION] Each requests sent by the tool will enclose a SAML token. You shall demonstrate that your system uses it.							
20	CH_ADR_CONSUMER_SIMULATOR	CH_ADR_PROVIDER	AUTH_DECISION_REQUEST	ADR Request	Yes	Required	
[TRANSACTION] Simulated ADR Consumer issues Authentication Decision Requests grouped with an ITI-40, to your system							
30	CH_ADR_PROVIDER	CH_ADR_PROVIDER		None	No	Required	
[EVIDENCE] Paste in this step the permanent link to the execution of the SoapUI project							

Sequence Diagram



Test case #13963 CHADR_FOR_CONSUMER

Test Summary

Keyword : CHADR_FOR_CONSUMER_CTS
Name : CHADR_FOR_CONSUMER
Version : 1.2
Author : vhofman
Date of last 2024-07-18 16:45:12.684346 by vhofman

Type : conformity assessment
Peer Type : NO_PEER_TEST
Status : ready
Verified by : Not verified

Short Description : This test is used to synthesize the testing of the ADR Authorization Decision Consumer actor.

Test Description

Special Instructions

Testing of the ADR Authorization Decision Consumer actor implemented in your system is going to be performed in parallel to the testing of the other transactions protected by ADR. That means that for some test cases, you will be asked to demonstrate that your system is able to send a proper request to an ADR Decision Provider simulator.

Description

On each requests performed during tests where your system should act as an ADR Authorization Decision Consumer, your system must have sent Authorization Decision Query to the ADR Provider simulator. These queries have been recorded in Gazelle Webservice Tester.

Once per test case, in order to validate the conformity of these request you'll need to :

1. Access the messages in Gazelle Webservice Tester from the "**Mock messages**" menu
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. The conformance of the request sent by your SUT must be verified, click on the play icon next to the request type
4. You have been redirected to EVSClient, select the validator "**CH:ADR**" in the EPR Group and click on the Go button. Then select **CH:ADR_due_to_Profile/transaction_tested_request** (i.e. CH:ADR_due_to_ATC_request)
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 will appear, click on "OK"
7. Copy the permanent link of the validation in the corresponding test step on this page using the "add link" feature.

1. Click on the play icon next to the response type;
2. You have been redirected to EVSClient, select the validator "**CH:ADR**" in the EPR Group and click on the Go button;
3. Then select the right validation profile in the 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 is expected to review each message validation referenced in the test steps section below, a result **Passed** is required.

The monitor will also be required to check that the answer sent by the simulator is in accordance to the Authorization Decision Query sent by the SUT. The following points must be verified :

- The StatusCode of the response is : **urn:oasis:names:tc:xacml:1.0:status:ok**
- The resource decision is : **Permit**

Special case : Error/Invalid Cases :

When playing the invalid cases for the tests for the XDS:Document Registry ITI-18 and ITI-42 transactions and the test step **Error cases / authorization / authorization** from CHATC_ARR_ITI81_ErrorCases , the ressource decision changes :

- The resource decision is **NotApplicable** (for most cases) or
- The resource decision is **Deny** in the case of a request sent by an HCP on exclusion list, this case will only occur for XDS:Docment Registry, the rights of the HCP for each query can be found in the **Test Case name in GWT**

It is required to verify every ADR Provider answer for these cases

Test Participants

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

Actor	Profile	Option
AUTH_DECI_CONS	CH:ADR	NONE

Test Steps

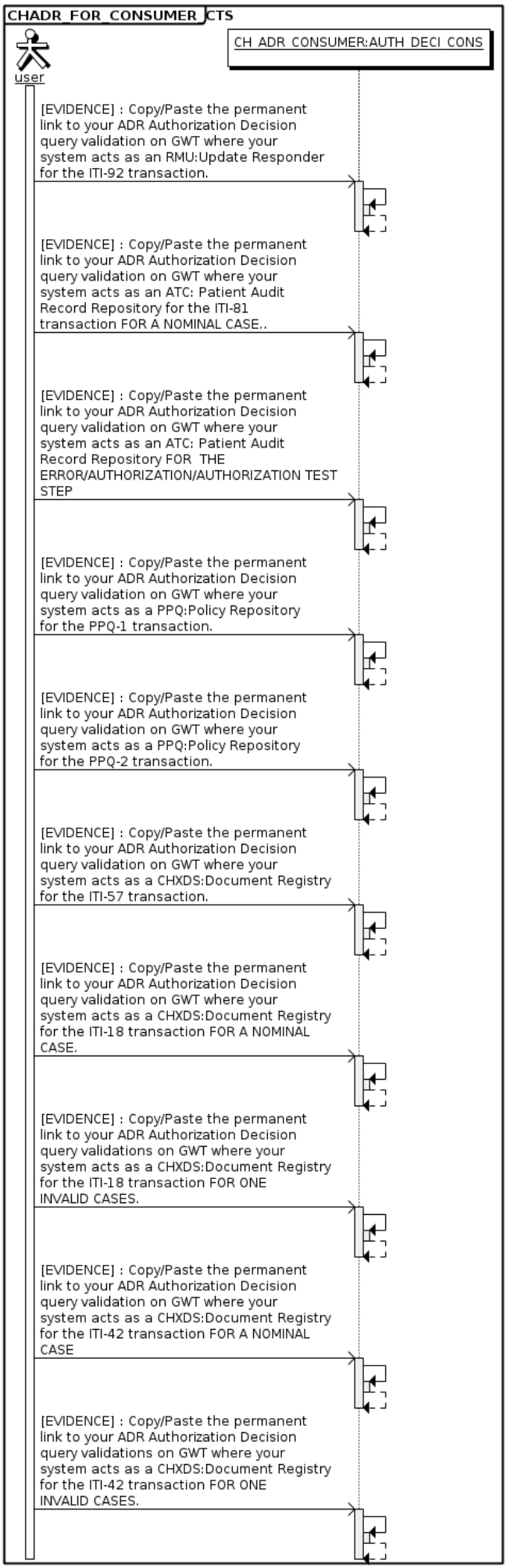
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as an RMU:Update Responder for the ITI-92 transaction.							
20	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as an ATC: Patient Audit Record Repository for the ITI-81 transaction FOR A NOMINAL CASE..							
25	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as an ATC: Patient Audit Record Repository FOR THE ERROR/AUTHORIZATION/AUTHORIZATION TEST STEP							
30	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as a PPQ:Policy Repository for the PPQ-1 transaction.							
40	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as a PPQ:Policy Repository for the PPQ-2 transaction.							
50	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as a CHXDS:Document Registry for the ITI-57 transaction.							
60	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Required	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as a CHXDS:Document Registry for the ITI-18 transaction FOR A NOMINAL CASE.							
70	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Required	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validations on GWT where your system acts as a CHXDS:Document Registry for the ITI-18 transaction FOR ONE INVALID CASES.							
80	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	
[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validation on GWT where your system acts as a CHXDS:Document Registry for the ITI-42 transaction FOR A NOMINAL CASE							

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
90	CH_ADR_CONSUMER	CH_ADR_CONSUMER		None	No	Optional	

[EVIDENCE] : Copy/Paste the permanent link to your ADR Authorization Decision query validations on GWT where your system acts as a CHXDS:Document Registry for the ITI-42 transaction FOR ONE INVALID CASES.

Sequence Diagram



Test case #14107 CHADR_PPQdelegation_for_Consumer

Test Summary

Keyword :	CHADR_PPQdeleg_for_Consumer_CTS	**Type :**	conformity assessment
Name :	CHADR_PPQdelegation_for_Consumer	**Peer Type :**	NO_PEER_TEST
Version :	1.0	**Status :**	ready
Author :	vhofman	**Verified by :**	**Not verified**
Date of last	2024-07-18 08:57:42.010441 by vhofman		

Short Description : This test is used to synthesize the testing of the ADR Authorization Decision Consumer actor in a delegation context.

Test Description

Prerequisites :

To run this test, the patient shall have:

- an EPR
- already authorized HCP1 to access the EPR with a specific confidentiality code and with optional time limits (please check your repository policies).

This test is a part of a workflow where HCP1 requests for a delegation to HCP2 for a Patient's resource.

Special Instructions

The following data must be used in order to create the initial policy in your system (HCP1 has the rights on Patient's resource)

Patient:
uid: bovie,
identifiers :
• AN204^^^IHEPAM&1.3.6.1.4.1.12559.11.20.1&ISO^AN,
• CHPAM9810^^^CHPAM&1.3.6.1.4.1.12559.11.20.1&ISO,
• 76133761043520981O^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO,
• CHFACILITY9810^^^CHFACILITY&1.3.6.1.4.1.12559.11.25.1.19&ISO
HCP1:
uid: rreynolds
GLN: 7601002467373

HCP2 (As an information for the delegation you'll send):
uid: aandrews
GLN: 7601002469191

start-date: 2024-12-01
end-date: 2026-04-30

Testing of the ADR Authorization Decision Consumer actor implemented in your system is going to be performed in parallel to the testing of the other transactions protected by ADR.

That means that for some test cases, you will be asked to demonstrate that your system is able to send a proper request to an ADR Decision Provider simulator.

In the case of delegation from HCP1 to HCP2 about Patient's resource, the 2 time limitation parameters are needed in the request (only end-date is mandatory).

Description

Ask for an authorization from your PPQRepository/ADR Consumer to the ADR Provider Simulator.

The later is available at https://ehealthsuisse.ihe-europe.net:10443/adr-provider?wsdl

On the request performed during the test, your system must have sent Authorization Decision Query to the ADR Provider simulator. These queries have been recorded in Gazelle Webservice Tester.

In order to validate the conformity of these request you'll need to :

1. Access the messages in Gazelle Webservice Tester from the "**Mock messages**" menu
2. Find out the message of interest, you can use the filters to ease your search
3. The conformance of the request sent by your SUT must be verified, click on the play icon next to the request type
4. You have been redirected to EVSClient, select the validator "**CH:ADR**" in the EPR Group and click on the Go button. Then select **CH:ADR_due_to_PPQ_request**.
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 will appear, click on "OK"
7. Copy the permanent link of the validation in the corresponding test step on this page using the "add link" feature.

Evaluation

The monitor is expected to review the message validation referenced in the test steps section below, a result **Passed** is required.

The Monitor is expected to find the time limitation parameters in your request.

The monitor will also be required to check that the answer sent by the simulator is in accordance to the Authorization Decision Query sent by the SUT. The following points must be verified :

- The StatusCode of the response is : **urn:oasis:names:tc:xacml:1.0:status:ok**
- The resource decision is : **Permit**

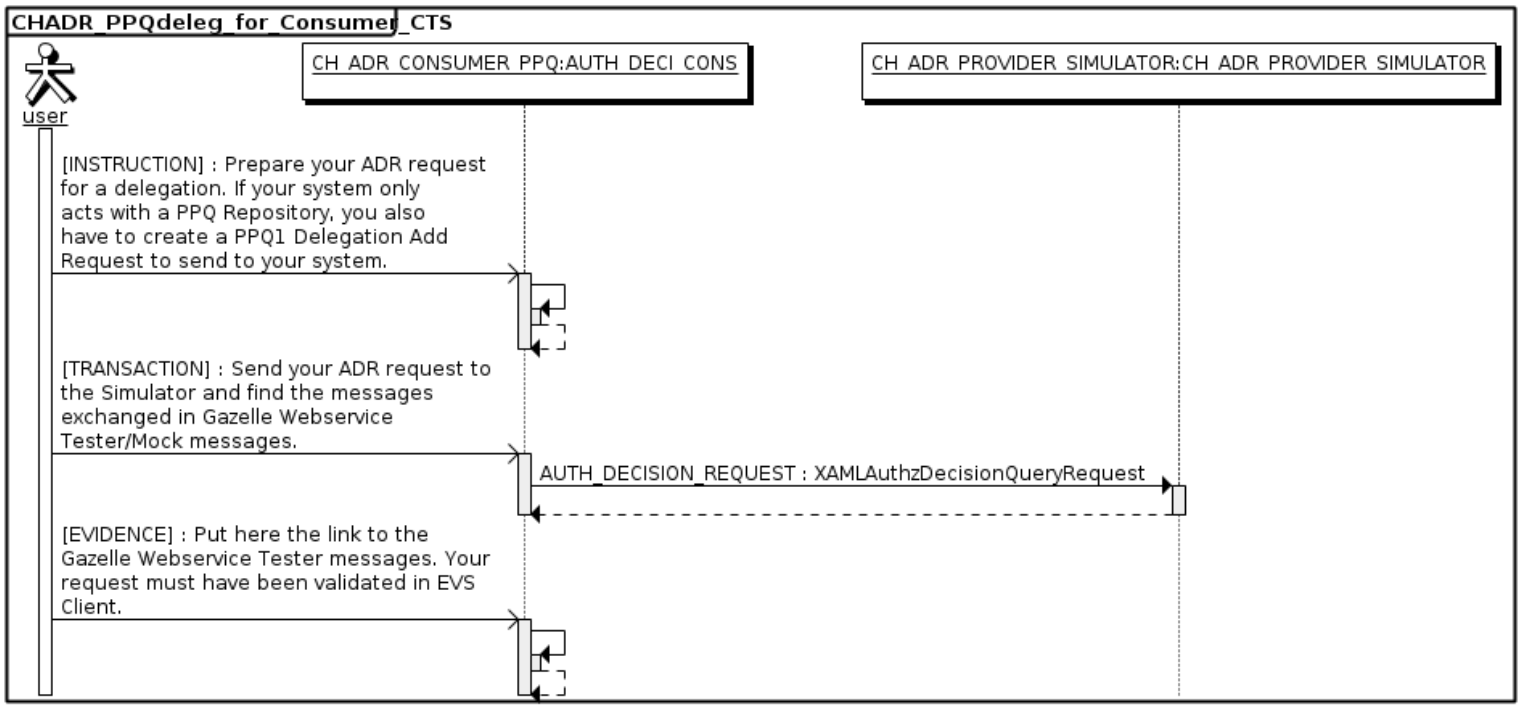
Test Participants

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

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

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

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	CH_ADR_CONSUMER_PPQ	CH_ADR_CONSUMER_PPQ		Instruction	No	Required	
[INSTRUCTION] : Prepare your ADR request for a delegation. If your system only acts with a PPQ Repository, you also have to create a PPQ1 Delegation Add Request to send to your system.							
20	CH_ADR_CONSUMER_PPQ	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	XAMLAuthzDecisionQueryRequest	No	Required	
[TRANSACTION] : Send your ADR request to the Simulator and find the messages exchanged in Gazelle Webservice Tester/Mock messages.							
30	CH_ADR_CONSUMER_PPQ	CH_ADR_CONSUMER_PPQ		None	No	Required	
[EVIDENCE] : Put here the link to the Gazelle Webservice Tester messages. Your request must have been validated in EVS Client.							

Sequence Diagram