

Table of Contents

CH:DOC_REPO_DoThisFirst_CTS	1
CHXDS.b_DOC_REG_CONF_CTS	3
CHXDS.b_DOC_REG_ITI-18_CTS	5
CHXDS.b_DOC_REG_ITI-42_CTS	10
CHXDS.b_DOC_REG_ITI-57_CTS	14
CHXDS.b_DOC_REPO_CONF_CTS	19
CHXDS.b_DOC_REPO_ITI41_ITI42_CTS	21
CHXDS.b_DOC_REPO_ITI43_CTS	25
CHXDS.b_DOC_SRC_ITI-41_CTS	29
CH:XDS-I.b_RAD-68_DOC_REP_CTS	33

Test case #14066 Document Repository : Do This First

Test Summary

Keyword : CH:DOC_REPO_DoThisFirst_CTS
Name : Document Repository : Do This First
Version : 1.0
Author : vhofman
Date of last : 2024-07-01 19:43:39.411539 by aleggrand

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

Short Description : Requirements for Document Repository system as part of the RAD-68 test case workflow (Peer to Peer and No Peer).

Test Description

Special Instructions

Requirements for CH:XDS-I.b_RAD-68 ; CH:XDS-I.b_RAD-68_DOC_REP test cases :

- The Document Repository system must be deployed within an XDS environment that includes a Document Registry actor. This configuration will enable the publishing/updating/unpublishing processes associated with the lifecycle of a KOS manifest.
- The Document Repository system configuration must be declared within the RAD-68 client simulator ([click here](#)).

Description

The purpose of this test case is to describe requirements for Imaging Document Source system as part of the RAD-68 / RAD-69 test case workflow (Peer to Peer and No Peer). For more details, see above.

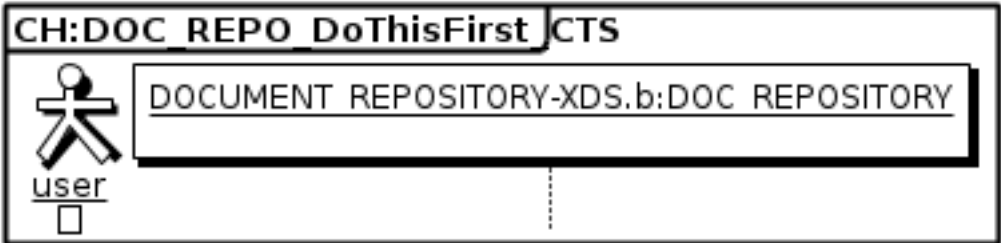
Test Participants

Role in test : DOCUMENT_REPOSITORY-XDS.b (SUT)			Option : R	Nb of instances : 1
Actor	Profile	Option		
DOC_REPOSITORY	XDS.b	NONE		
DOC_REPOSITORY	CH:XDS-I.b	NONE		

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
-------	-----------	-----------	-------------	--------------	-----------	--------	-------------

Sequence Diagram



Test case #13931 CHXDS.b_DOC_REG_CONF

Test Summary

Keyword : CHXDS.b_DOC_REG_CONF_CTS
Name : CHXDS.b_DOC_REG_CONF
Version : 1.1
Author : vhofman
Date of last : 2024-01-26 16:34:09.66654 by vhofman

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

Short Description : Configuration and data feed for the XDS Document Registry.

Test Description

Special Instructions

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

Description

To integrate the Document Registry to ADR Provider :

For each transaction that will be received by the Document Registry, 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 **Document Registry 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 registry

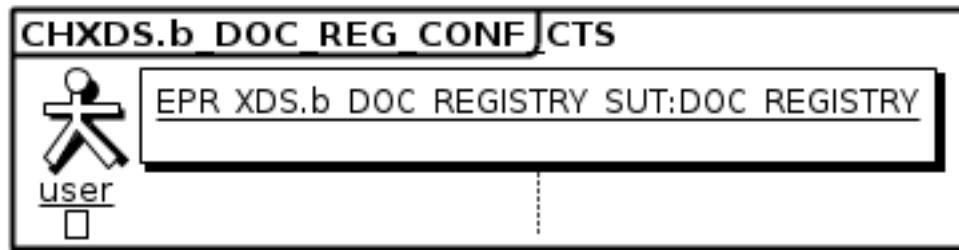
Test Participants

Role in test : EPR_XDS.b_DOC_REGISTRY_SUT (SUT)		Option : R	Nb of instances : 1
Actor	Profile	Option	
DOC_REGISTRY	XDS.b	NONE	
X-SERV-PROV	XUA	NONE	
X-SERV-USR	XUA	NONE	
AUTH_DECI_CONS	CH:ADR	NONE	

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
-------	-----------	-----------	-------------	--------------	-----------	--------	-------------

Sequence Diagram



Test case #13930 CHXDS.b_DOC_REG_ITI-18

Test Summary

Keyword : CHXDS.b_DOC_REG_ITI-18_CTS	Type : conformity assessment
Name : CHXDS.b_DOC_REG_ITI-18	Peer Type : NO_PEER_TEST
Version : 1.3	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2026-07-17 16:04:38.314447 by vhofman	

Short Description : This test is to verify the SUT capacity to provide document metadatas through an ITI-18 transaction with a XDS document consumer.

Test Description

Special Instructions

In this test case, we will test an ITI-18 transaction initiated by a simulator acting as a XDS Document Consumer.

The metadata stored in your Document Registry will be initialized through an ITI-42 Register Document Set request sent by the project that will be executed on Gazelle Webservice Tester (GWT).

As a pre-requisite : you have ran the **CHXDS_DOC_REG_CONF** test. **Your system needs to be properly integrated with Gazelle ADR Provider simulator.**
This test is executed using Gazelle Webservice Tester as a CH:XDS Document Registry actor. A test suite has been designed to issue requests from different HealthCare Professionals with different access rights for document metadata with different confidentiality level.

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

The Document Registry actor is expected to act as a X-Service provider. This test will also be used to assess this role for ITI-18 transaction. In order to do so, you'll need to follow the instructions from this test case :

[XUA_X-SERVICE-PROV_ITI-40](#)

Moreover, the Document Registry 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 an ITI-18 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](#)

Description

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

- Make sure to use the patient Nilesch (EPR-SPID : 761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO)

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

1. Access [Gazelle Webservice Tester](#) and log into the application
2. Go to menu "Run";
3. Select the test project name **EPR XDS Document Registry** from the drop-down list;
4. Select test suite **[ITI-42] Registry Initialization** by ticking the checkbox in front of its name in order to add the metadata to your system
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. Reproduce steps 3 to 7 but this time tick the box for **[ITI-18] Query Testing - nominal cases** at step 5
9. When the script stops, copy the permanent link of the execution to the evidence test step in Gazelle Test Management
10. Reproduce steps 3 to 7 but this time tick the box for **[ITI-18] Query Testing - invalid cases** at step 5
11. When the script stops, copy the permanent link of the execution to the evidence test step in Gazelle Test Management
12. Reproduce steps 3 to 7 but this time tick the box for **[ITI-18] Query Testing - error cases** at step 5
13. When the script stops, copy the permanent link of the execution to the evidence test step in Gazelle Test Management

To validate your messages :

- The conformance of the ITI-18 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 validator: **XDS-CH** in the EPR group and press 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, 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 validations for your ADR Authorization Decision queries to the corresponding test step of the test case [CHADR_FOR_CONSUMER](#) (one "invalid case" and one "nominal case" needs to be checked)

The status of the transaction on GWT for the ITI-18 transaction must be "**Passed**".

The validations on EVS Client for the ITI-18 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 : EPR_XDS.b_DOC_CONSUMER_SIMU (Tool)

Option : R

Nb of instances : 1

Role in test : EPR_XDS.b_DOC_REGISTRY_SUT (SUT)

Option : R

Nb of instances : 1

Actor	Profile	Option
DOC_REGISTRY	XDS.b	NONE
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE
AUTH_DECISION_CONS	CH:ADR	NONE

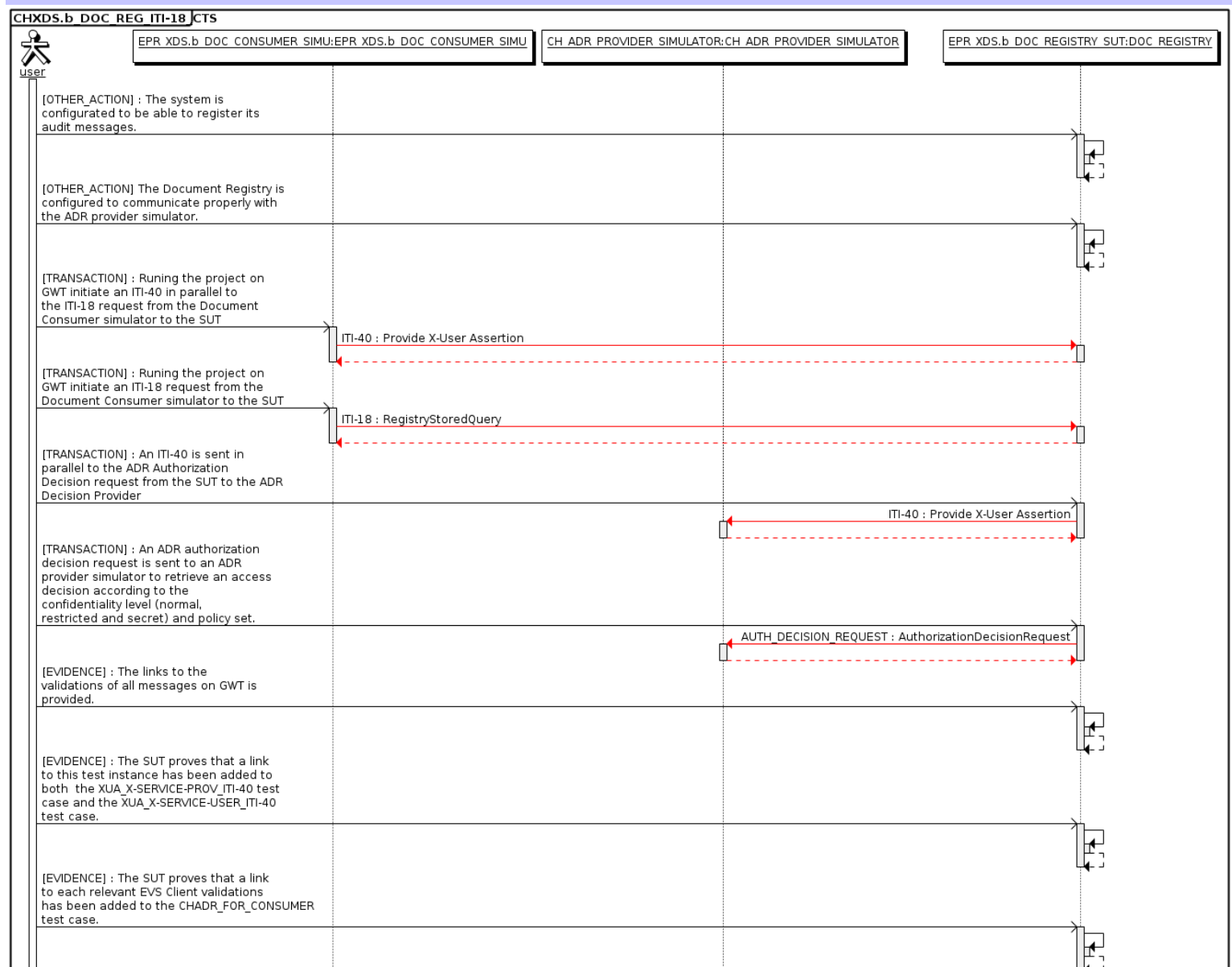
Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
9	EPR_XDS.b_DOC_REGISTRY_SUT	EPR_XDS.b_DOC_REGISTRY_SUT		None	No	Required	
[OTHER_ACTION] : The system is configured to be able to register its audit messages.							
10	EPR_XDS.b_DOC_REGISTRY_SUT	EPR_XDS.b_DOC_REGISTRY_SUT		None	No	Required	
[OTHER_ACTION] The Document Registry is configured to communicate properly with the ADR provider simulator.							
19	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XDS.b_DOC_REGISTRY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] : Running the project on GWT initiate an ITI-40 in parallel to the ITI-18 request from the Document Consumer simulator to the SUT							
20	EPR_XDS.b_DOC_CONSUMER_SIMU	EPR_XDS.b_DOC_REGISTRY_SUT	ITI-18	RegistryStoredQuery	Yes	Required	
[TRANSACTION] : Running the project on GWT initiate an ITI-18 request from the Document Consumer simulator to the SUT							
30	EPR_XDS.b_DOC_REGISTRY_SUT	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							
40	EPR_XDS.b_DOC_REGISTRY_SUT	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	AuthorizationDecisionRequest	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.							

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
50	EPR_XDS.b_DOC_R EGISTRY_ SUT	EPR_XDS.b_ DOC_REGIS TRY_SUT		None	No	Required	
[EVIDENCE] : The links to the validations of all messages on GWT is provided.							
70	EPR_XDS.b_DOC_R EGISTRY_ SUT	EPR_XDS.b_ DOC_REGIS TRY_SUT		None	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance has been added to both the XUA_X-SERVICE-PROV_ITI-40 test case and the XUA_X-SERVICE-USER_ITI-40 test case.							
80	EPR_XDS.b_DOC_R EGISTRY_ SUT	EPR_XDS.b_ DOC_REGIS TRY_SUT		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 #13929 CHXDS.b_DOC_REG_ITI-42

Test Summary

Keyword : CHXDS.b_DOC_REG_ITI-42_CTS	Type : conformity assessment
Name : CHXDS.b_DOC_REG_ITI-42	Peer Type : NO_PEER_TEST
Version : 1.3	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2025-07-18 14:51:30.56211 by vhofman	

Short Description : This test is to verify the SUT capacity to register a document metadatas through an ITI-42 transaction with a XDS document repository.

Test Description

Special Instructions

In this test case, we will test the ITI-42 transaction initiated by a simulator acting as a XDS Document Repository.

As a pre-requisite : you have ran the **CHXDS_DOC_REG_CONF** test. **Your system needs to be properly integrated with Gazelle ADR Provider simulator.** This test is executed using Gazelle Webservice Tester as a CH:XDS Document Registry actor. The tests played have been designed to issue requests from different HealthCare Professionals with different writing rights, for document with different confidentiality level.

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

The Document Registry actor is expected to act as a X-Service provider. This test will also be used to assess this role for ITI-42 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 Document Registry 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 an ITI-42 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-42 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](#)

Description

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

- Make sure to use the patient Nilesch (EPR-SPID : 761337610411265304^^^&2.16.756.5.30.1.127.3.10.3&ISO)

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

1. Access [Gazelle Webservice Tester](#) and log into the application
2. Go to menu "Run";
3. Select the test project name **EPR XDS Document Registry** from the drop-down list;
4. Select test suite **[ITI-42] Registry Testing - nominal cases** by ticking the checkbox in front of its name;
5. Enter the URL of your system under test endpoint (shall be a secured endpoint)
6. Click on "Run" button
7. Wait for the script to complete its execution;
8. When the script stops, copy the permanent link of the execution to the test step in Gazelle Test Management
9. Reproduce steps 3 to 8 but this time tick the box for **[ITI-42] Registry Testing - invalid cases** at step 5
10. Reproduce steps 3 to 8 but this time tick the box for **[ITI-42] Registry Testing - error cases** at step 5

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

1. Click on the play icon next to the response type;
2. You have been redirected to EVSClient, select validator: **XDS-CH** in the EPR group and click on the "Go" button;
3. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
4. When the validation report shows up, a pop-up raises, 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 validations for your ADR Authorization Decision queries to the corresponding test step of the test case [CHADR_FOR_CONSUMER](#) (one "invalid case" and one "nominal case" needs to be checked)

The status of the transaction on GWT for the ITI-42 transaction must be **"Passed"**.

The validations on EVS Client for the ITI-42 transaction must return **"Passed"**.

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool)

Option : R

Nb of instances : 1

Role in test : EPR_XDS.b_DOC_REGISTRY_SUT (SUT)

Option : R

Nb of instances : 1

Actor	Profile	Option
DOC_REGISTRY	XDS.b	NONE
X-SERV-PROV	XUA	NONE

Test Participants

Actor	Profile	Option
X-SERV-USR	XUA	NONE
AUTH_DECISION_CONS	CH:ADR	NONE

Role in test : EPR_XDS.b_DOC_REPOSITORY_SIMU (Tool)	Option : R	Nb of instances : 1
--	-------------------	----------------------------

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XDS.b_DOC_REGISTRY_SUT	EPR_XDS.b_DOC_REGISTRY_SUT		None	No	Required	[OTHER_ACTION] : The system is configured to be able to register its audit messages.
10	EPR_XDS.b_DOC_REGISTRY_SUT	EPR_XDS.b_DOC_REGISTRY_SUT		None	No	Required	[OTHER_ACTION] The Document Registry is configured to communicate properly with the ADR provider simulator.
19	EPR_XDS.b_DOC_REGISTRY_SIMU	EPR_XDS.b_DOC_REGISTRY_SUT	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : In parallel to each ITI-42 request from the Document Repository simulator, an ITI-40 transaction is sent to the SUT
20	EPR_XDS.b_DOC_REGISTRY_SIMU	EPR_XDS.b_DOC_REGISTRY_SUT	ITI-42	RegisterDocument Set-b	Yes	Required	[TRANSACTION] : Running the project on GWT initiate an ITI-42 request from the Document Repository simulator to the SUT
30	EPR_XDS.b_DOC_REGISTRY_SUT	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
40	EPR_XDS.b_DOC_REGISTRY_SUT	CH_ADR_PROVIDER_SIMULATOR	AUTH_DECISION_REQUEST	AuthorizationDecisionRequest	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.
50	EPR_XDS.b_DOC_REGISTRY_SUT	EPR_XDS.b_DOC_REGISTRY_SUT		None	No	Required	

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
-------	-----------	-----------	-------------	--------------	-----------	--------	-------------

[EVIDENCE] : The links to the validations of all messages on GWT is provided.

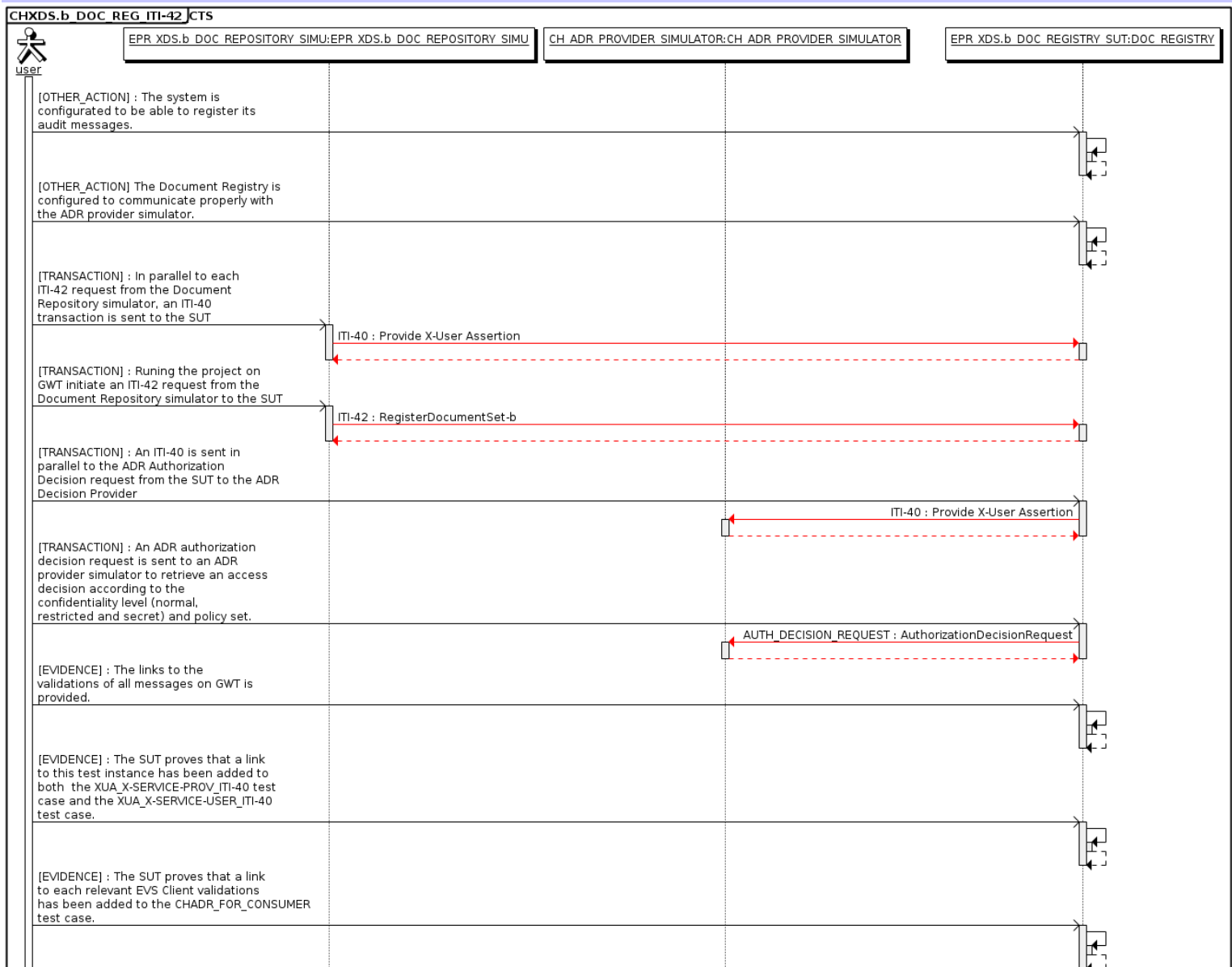
60	EPR_XDS.b_DOC_R EGISTRY_ SUT	EPR_XDS.b_ DOC_REGIS TRY_SUT		None	No	Required	
----	------------------------------------	------------------------------------	--	------	----	----------	--

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

70	EPR_XDS.b_DOC_R EGISTRY_ SUT	EPR_XDS.b_ DOC_REGIS TRY_SUT		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 #13928 CHXDS.b_DOC_REG_ITI-57

Test Summary

Keyword : CHXDS.b_DOC_REG_ITI-57_CTS	Type : conformity assessment
Name : CHXDS.b_DOC_REG_ITI-57	Peer Type : NO_PEER_TEST
Version : 1.5	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2026-07-17 15:14:28.06787 by vhofman	

Short Description : Document Registry SUT receives update document metadata from Document Administrator Simulator

Test Description

Special Instructions

As a pre-requisite : you have ran the **CHXDS_DOC_REG_CONF** test. Your system needs to be properly integrated with Gazelle ADR Provider simulator. This test is executed using Gazelle Webservice Tester as a CH:XDS Document Registry actor.

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

In this case we will test the Update Document Set (ITI-57) transaction with a simulator as the Document Administrator.

Your registry will be initialized by uploading a document to the repository it is attached to, then the metadata of the document will be modified through an ITI-57 request.

The Document Registry actor is expected to act as a X-Service provider. This test will also be used to assess this role for ITI-57 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 Document Registry 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 an ITI-57 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-57 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](#)

Description

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

- Use the patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

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

1. Access [Gazelle Webservice Tester](#) and log into the application
2. Go to menu "Run";
3. Select the test project name **EPR XDS Document Registry** from the drop-down list;
4. Select test suite **[ITI-57] Query Testing - nominal case - HCP** if you want to test Healthcare Professional Extension OR **[ITI-57] Query Testing - nominal case - PAT** if you want to test Patient Extension by ticking the checkbox in front of its name
5. Enter the URL of your system under test endpoint (you need the endpoint to your repository and the endpoints corresponding to your registry for ITI-18 and ITI-57 requests)
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 evidence test step in Gazelle Test Management (step 50)

To validate your messages :

- The conformance of the ITI-57 response 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 validator: **XDS-CH** in the EPR group and press 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, 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 validations for your ADR Authorization Decision query to the corresponding test step of the test case [CHADR_FOR_CONSUMER](#)

The status of the transaction on GWT for the ITI-57 transaction must be "**Passed**".

The validations on EVS Client for the ITI-57 transaction must return "**Passed**".

Test Participants

Role in test : CH_ADR_PROVIDER_SIMULATOR (Tool)

Option : R

Nb of instances : 1

Role in test : DOC_ADMIN-XDS.b-UpdateMetadata_SIMU (Tool)

Option : R

Nb of instances : 1

Test Participants

Role in test : DOC_REGISTRY-XDS.b-DocMetadataUpdate			Option : R	Nb of instances : 1
Actor	Profile	Option		
SN	ATNA	NONE		
SA	ATNA	NONE		
X-SERV-PROV	XUA	NONE		
X-SERV-USR	XUA	NONE		
DOC_REGISTRY	XDS.b	DOC_METADATA_UPDATE		
AUTH_DECI_CONS	CH:ADR	NONE		

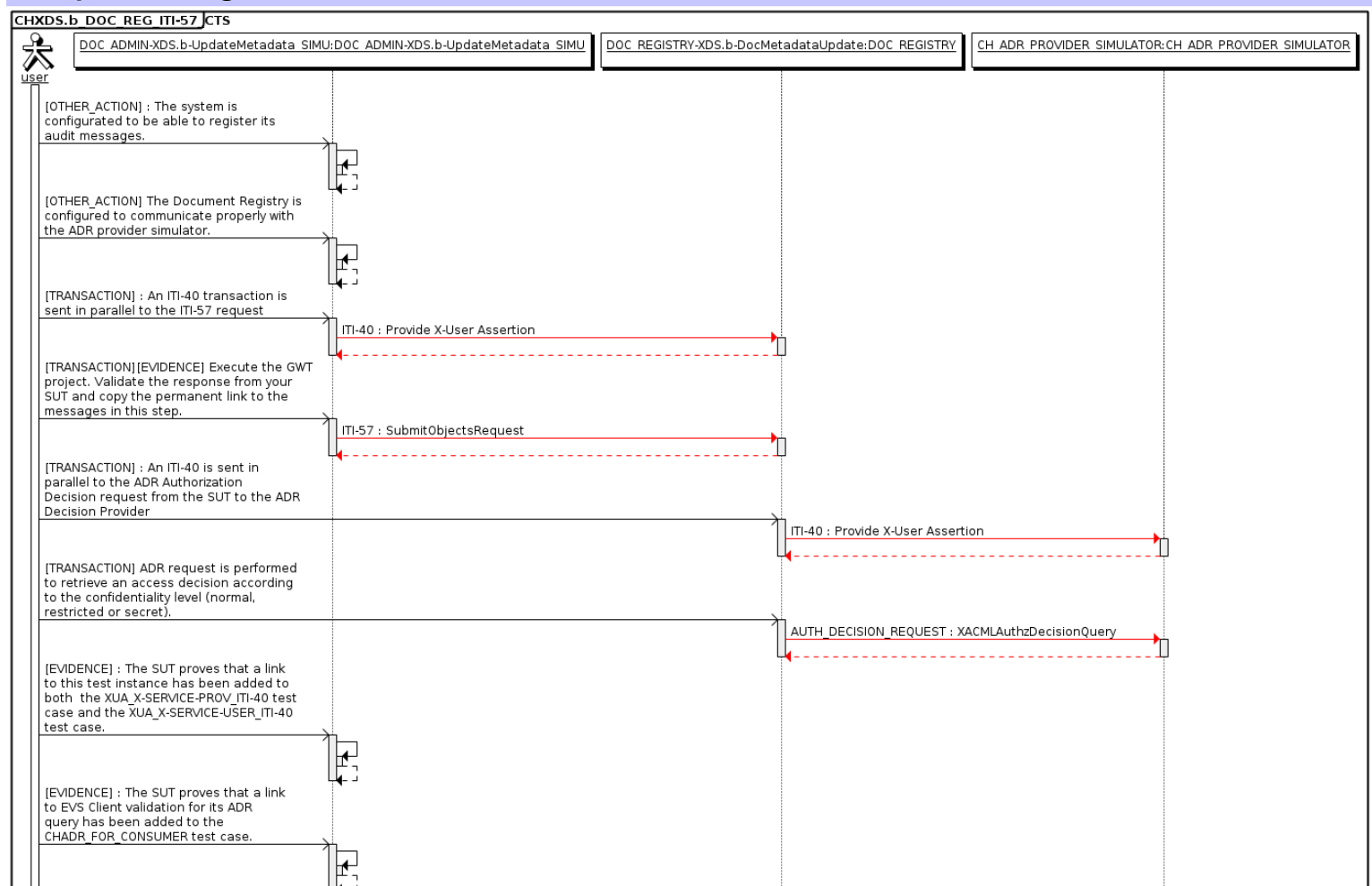
Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
9	DOC_ADM IN-XDS.b- UpdateMet adata_SIM U	DOC_ADMIN -XDS.b- UpdateMetad ata_SIMU		Configure	No	Required	[OTHER_ACTION] : The system is configured to be able to register its audit messages.
10	DOC_ADM IN-XDS.b- UpdateMet adata_SIM U	DOC_ADMIN -XDS.b- UpdateMetad ata_SIMU		Configure	No	Required	[OTHER_ACTION] The Document Registry is configured to communicate properly with the ADR provider simulator.
19	DOC_ADM IN-XDS.b- UpdateMet adata_SIM U	DOC_REGIS TRY-XDS.b- DocMetadata Update	ITI-40	Provide X-User Assertion	Yes	Required	[TRANSACTION] : An ITI-40 transaction is sent in parallel to the ITI-57 request
20	DOC_ADM IN-XDS.b- UpdateMet adata_SIM U	DOC_REGIS TRY-XDS.b- DocMetadata Update	ITI-57	SubmitObjectsReq uest	Yes	Required	[TRANSACTION][EVIDENCE] Execute the GWT project. Validate the response from your SUT and copy the permanent link to the messages in this step.
23	DOC_REG ISTRY- XDS.b- DocMetada taUpdate	CH_ADR_PR OVIDER_SI MULATOR	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

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
25	DOC_REG ISTRY- XDS.b- DocMetada taUpdate	CH_ADR_PR OVIDER_SI MULATOR	AUTH_DECIS ION_REQUES T	XACMLAuthzDeci sionQuery	Yes	Required	[TRANSACTION] ADR request is performed to retrieve an access decision according to the confidentiality level (normal, restricted or secret).
45	DOC_ADM IN-XDS.b- UpdateMet adata_SIM U	DOC_ADMIN -XDS.b- UpdateMetad ata_SIMU		Configure	No	Required	[EVIDENCE] : The SUT proves that a link to this test instance has been added to both the XUA_X-SERVICE-PROV_ITI-40 test case and the XUA_X-SERVICE-USER_ITI-40 test case.
55	DOC_ADM IN-XDS.b- UpdateMet adata_SIM U	DOC_ADMIN -XDS.b- UpdateMetad ata_SIMU		Configure	No	Required	[EVIDENCE] : The SUT proves that a link to EVS Client validation for its ADR query has been added to the CHADR_FOR_CONSUMER test case.

Sequence Diagram



Test case #13927 CHXDS.b_DOC_REPO_CONF

Test Summary

Keyword : CHXDS.b_DOC_REPO_CONF_CTS
Name : CHXDS.b_DOC_REPO_CONF
Version : 1.2
Author : vhofman
Date of last : 2024-01-26 16:34:36.412212 by vhofman

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

Short Description : This test targets at setting up the context for the XDS.b Document Repository actor.

Test Description

Special Instructions

In further tests, you will act as an **XDS Document Repository** actor and this test will provide you essential informations to set up the context and what are the configurations.

Description



- **XDS Document Registry** actor is played by XDS Registry mock which forwards received requests to XDS Toolkit ;
- **XDS Document Consumer** and **XDS Document Source** actors are played by a SoapUI script executed from Gazelle Webservice Tester (GWT).

URL of the XDS Document Registry simulator : <https://ehealthsuisse.lhe-europe.net:10443/DocumentRegistry?wsdl>

XDS Document Repository is expected to support three transactions :

- **ITI-41** : Provide and Register Document Set-b as a responder ;
- **ITI-42** : Register Document Set-b as an initiator ;
- **ITI-43** : Retrieve Document Set as a responder.

Evaluation

No formal evaluation is expected for this test, the next tests will demonstrate that you have correctly set up your system.

The monitor can set this test as PASSED once executed.

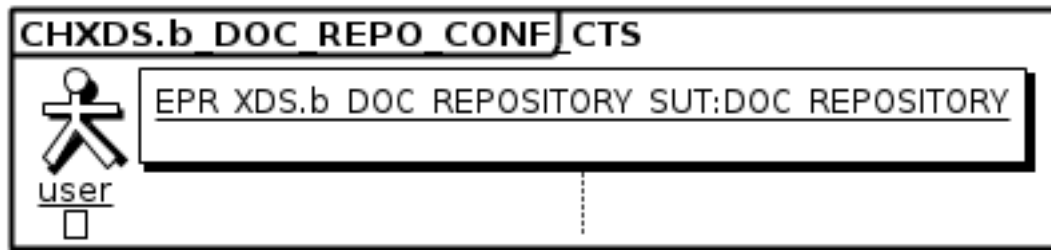
Test Participants

Role in test : EPR_XDS.b_DOC_REPOSITORY_SUT (SUT)		Option : R	Nb of instances : 1
Actor	Profile	Option	
DOC_REPOSITORY	XDS.b	NONE	

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
-------	-----------	-----------	-------------	--------------	-----------	--------	-------------

Sequence Diagram



Test case #13926 CHXDS.b_DOC_REPO_ITI41_ITI42

Test Summary

Keyword : CHXDS.b_DOC_REPO_ITI41_ITI42_CTS	Type : conformity assessment
Name : CHXDS.b_DOC_REPO_ITI41_ITI42	Peer Type : NO_PEER_TEST
Version : 1.3	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2026-07-20 10:24:01.484004 by vhofman	

Short Description : This test verifies the capacity of a system to receive and accept a document in a Provide and Register (ITI-41) transaction. It includes metadata forwarding (ITI-42).

Test Description

Prerequisites

In order to perform this test, CHXDS.b_DOC_REPO_CONF has to be executed ([Test link](#)).

Special Instructions

In this case, the Provide and Register Document Set-b (ITI-41) and Register Document Set-b (ITI-42) transactions with the XDS Document Repository as a system under test will be tested.

Firstly, an ITI-41 transaction between the XDS Document Source and your system acting as an XDS Document Repository will be executed.

It requires to run a SoapUI project in [Gazelle Webservice Tester](#) in order to test this transaction and to validate the responses produced by your system

The messages exchanged between your SUT and the simulator should have been recorded and be available in Gazelle Webservice Tester. The request of this transaction has to be validated using EVSClient.

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

The Document Repository actor is expected to act as a X-Service provider when receiving an ITI-41 request. 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](#)

Moreover, the Document Repository actor is expected to act as a X-Service User when sending an ITI-42 request. 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](#)

Description

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

- Use the patient : Nilesh WITTWER-CHRISTEN (EPR-SPID : 761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO)

In order to test the XDS Document Repository in an ITI-41 transaction, the following cases have been identified and are included in the test suite **XDS Repository (PnR)** :

1. Accept provide and register for a single document
2. Accept two documents
3. Accept document with size and hash attributes
4. Reject submission where metadata and documents do not match
5. Return errors from Registry
6. Accept and replace document
7. Append and transform Document Entry.

Each of these test cases include both ITI-41 and ITI-42 transactions.

To execute this test, two functionalities of Gazelle Webservice Tester have to be used, each one related to one of the two transactions under test (ITI-41 and ITI-42) :

For ITI-41 transactions, the requests will be sent to your SUT from Gazelle Webservice Tester.

1. Access [Gazelle Webservice Tester](#) and log into the application;
2. Go to the menu "Run";
3. Select the test project name **EPR XDS Document Repository** from the drop-down list;
4. Select test suite **XDS Repository (PnR)** 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 ITI-41 responses, validate the message in EVSClient. To do so:

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

For ITI-42 transactions, the messages exchanged between your SUT and the simulator should have been recorded and be available in Gazelle Webservice Tester :

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 recommend 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 **XDS-CH** in the EPR group and click on 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-PROV_ITI-40](#) AND [XUA_X-SERVICE-USER_ITI-40](#).

First of all, the global status of the executed SoapUI project on GWT must be **Passed**.

As well, the validation in EVSClient must return **Passed for the requested validations**.

Test Participants

Role in test : EPR_XDS.b_DOC_REGISTRY_SIMU (Tool)

Option : R

Nb of instances : 1

Role in test : EPR_XDS.b_DOC_REPOSITORY-WITH_XUA

Option : R

Nb of instances : 1

Actor	Profile	Option
DOC_REPOSITORY	XDS.b	NONE
X-SERV-PROV	XUA	NONE
X-SERV-USR	XUA	NONE

Role in test : EPR_XDS.b_DOC_SOURCE_SIMU (Tool)

Option : R

Nb of instances : 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
1	EPR_XDS.b_DOC_REPOSITORY-WITH_XUA	EPR_XDS.b_DOC_REPOSITORY-WITH_XUA		None	No	Required	
[OTHER_ACTION] : The system is configured to be able to register its audit messages.							
9	EPR_XDS.b_DOC_SOURCE_SIMU	EPR_XDS.b_DOC_REPOSITORY-WITH_XUA	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] Running the project on GWT initiates an ITI-40 in parallel to the ITI-41 request from the Document Source simulator to the SUT							
10	EPR_XDS.b_DOC_SOURCE_SIMU	EPR_XDS.b_DOC_REPOSITORY-WITH_XUA	ITI-41	ProvideAndRegisterDocumentSetRequest	Yes	Required	
[TRANSACTION] [EVIDENCE] Run the XDS Document Repository project on Gazelle Webservice Tester (GWT) by selecting the test suite XDS Repository (PnR). Validate your responses and paste here the link of the execution on GWT.							
29	EPR_XDS.b_DOC_REPOSITORY-WITH_XUA	EPR_XDS.b_DOC_REGISTRY_SIMU	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] In parallel to the ITI-42 transaction, the assertion from the previous ITI-41 transaction is transferred by the Document Repository to the Document Registry through an ITI-40 transaction.							
30	EPR_XDS.b_DOC_REPOSITORY-WITH_XUA	EPR_XDS.b_DOC_REGISTRY_SIMU	ITI-42	Register Document Set-b	Yes	Required	

Test Steps

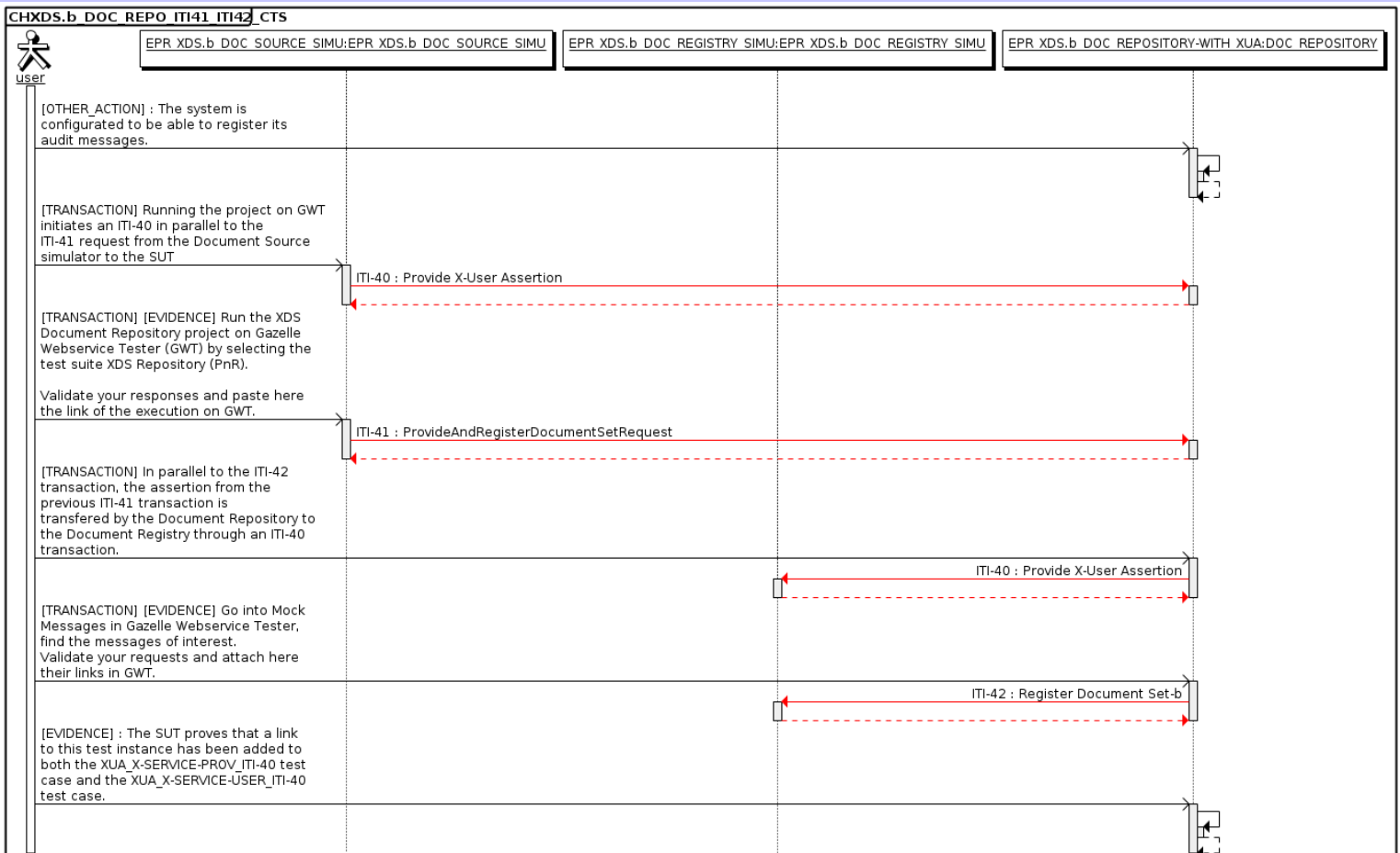
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
-------	-----------	-----------	-------------	--------------	-----------	--------	-------------

[TRANSACTION] [EVIDENCE] Go into Mock Messages in Gazelle Webservice Tester, find the messages of interest. Validate your requests and attach here their links in GWT.

40	EPR_XDS.b_ b_DOC_R EPOSITOR Y- WITH_XUA	EPR_XDS.b_ DOC_REPO SITORY- WITH_XUA		None	No	Required	
----	---	---	--	------	----	----------	--

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

Sequence Diagram



Test case #13925 CHXDS.b_DOC_REPO_ITI43

Test Summary

Keyword : CHXDS.b_DOC_REPO_ITI43_CTS	Type : conformity assessment
Name : CHXDS.b_DOC_REPO_ITI43	Peer Type : NO_PEER_TEST
Version : 1.3	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2026-07-20 10:17:24.802786 by vhofman	

Short Description : This test verifies the capacity of a system to respond to a retrieve request in a Retrieve Document (ITI43) transaction.

Test Description

Prerequisites

In order to perform this test, CHXDS.b_DOC_REPO_CONF has to be executed ([Test link](#)).

Special Instructions

In this case, the Retrieve Document Set (ITI-43) transaction with the XDS Document Repository as a system under test will be tested. Firstly, an ITI-41 transaction between the XDS Document Source and your system acting as an XDS Document Repository will be executed to submit and accept a document (not tested, only for initialization).

The XDS Document Consumer will finally retrieve the document stored in your system (XDS Document Repository) with an ITI-43 transaction. The response sent back with the stored document has to be validated.

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

The Document Repository actor is expected to act as a X-Service provider. This test will also be used to assess this role in the case of ITI-43 transactions. In order to do so, you'll need to follow the instructions from this test case :

[XUA_X-SERVICE-PROV_ITI-40](#)

Description

Before anything, make sure your system is configured to be able to test its role as X-Service Provider.

Use the patient : **Nilesh WITTWER-CHRISTEN** (EPR-SPID : **761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO**)

In order to test the XDS Document Repository in an ITI-43 transaction, the following cases have been identified and are included in the test suite **XDS Repository (Retrieve)** :

1. Accept retrieve document set - two documents
2. Accept retrieve document set with a single document
3. Repository handling of mimeType

For [ITI-43 transactions](#), the requests will be sent to your SUT from Gazelle Webservice Tester.

1. Access [Gazelle Webservice Tester](#) and log into the application;
2. Go to the menu "Run";
3. Select the test project name **EPR XDS Document Repository** from the drop-down list;
4. Select test suite **XDS Repository (Retrieve)** 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 ITI-43 responses (not prefixed [INTERNAL], [INIT] or [EVAL]), 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 validator: **XDS-CH** in the EPR group and click on the "Go" button;
3. Once the page of the validator opens, select the appropriate entry in the drop-down list and click on "Validate";
4. When the validation report shows up, a pop-up raises for returning the validation report to GWT, click on "OK".

Evaluation

The monitor will check that you copied the link to this test instance to the corresponding test step of the test case [XUA_X-SERVICE-PROV_ITI-40](#)

First of all, the global status of the executed SoapUI project on GWT must be **Passed**.

As well, the validation in EVSClient must return **Passed for the requested validations**.

Test Participants

Role in test : EPR_XDS.b_DOC_CONSUMER_SIMU (Tool)

Option : R

Nb of instances : 1

Role in test : EPR_XDS.b_DOC_REPOSITORY-WITH_XUA

Option : R

Nb of instances : 1

Actor	Profile	Option
DOC_REPOSITORY	XDS.b	NONE
X-SERV-PROV	XUA	NONE

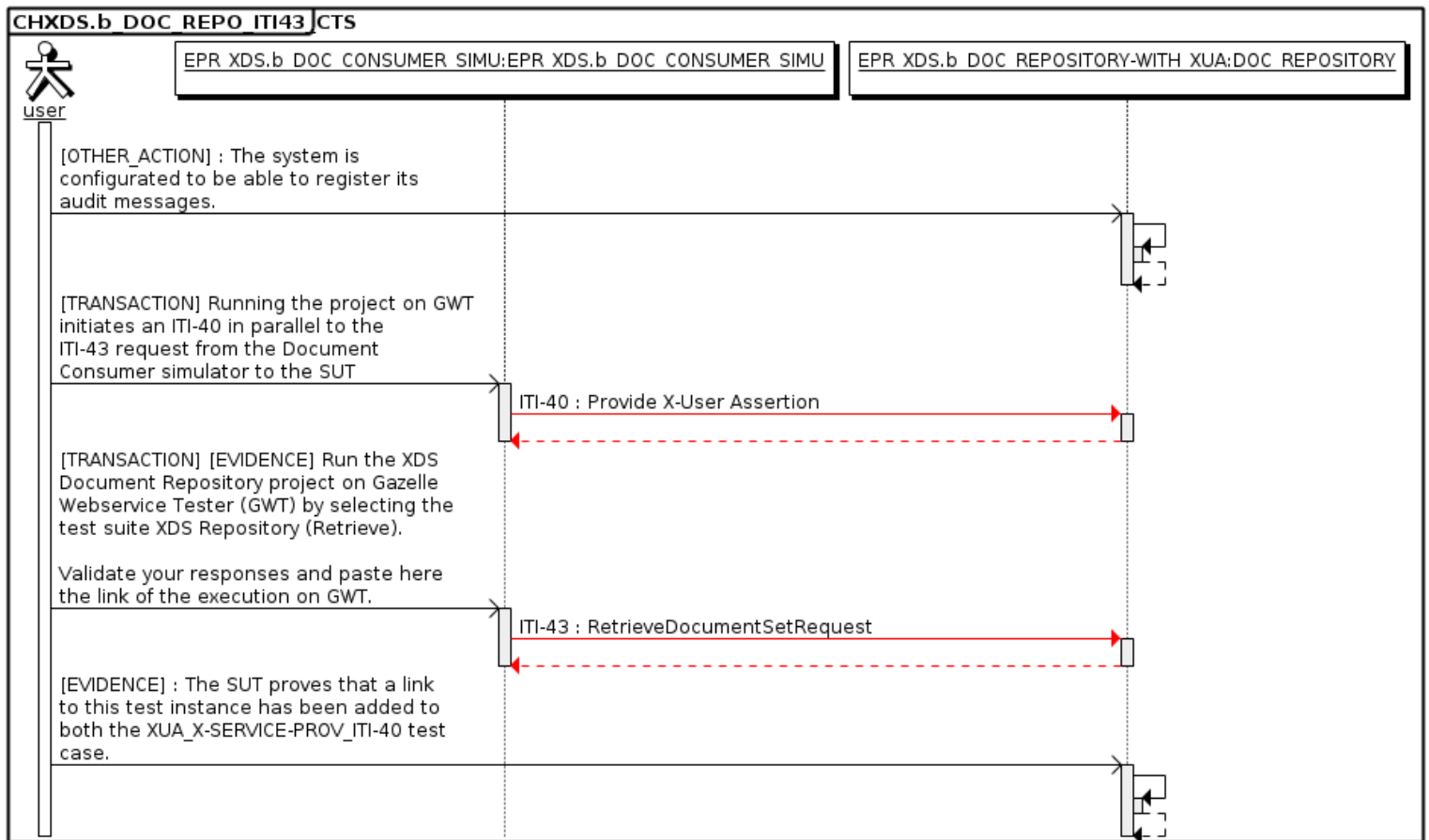
Test Participants

Actor	Profile	Option
X-SERV-USR	XUA	NONE

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
5	EPR_XDS. b_DOC_R EPOSITOR Y- WITH_XUA	EPR_XDS.b_ DOC_REPO SITORY- WITH_XUA		None	No	Required	
[OTHER_ACTION] : The system is configured to be able to register its audit messages.							
9	EPR_XDS. b_DOC_C ONSUMER _SIMU	EPR_XDS.b_ DOC_REPO SITORY- WITH_XUA	ITI-40	Provide X-User Assertion	Yes	Required	
[TRANSACTION] Running the project on GWT initiates an ITI-40 in parallel to the ITI-43 request from the Document Consumer simulator to the SUT							
10	EPR_XDS. b_DOC_C ONSUMER _SIMU	EPR_XDS.b_ DOC_REPO SITORY- WITH_XUA	ITI-43	RetrieveDocument SetRequest	Yes	Required	
[TRANSACTION] [EVIDENCE] Run the XDS Document Repository project on Gazelle Webservice Tester (GWT) by selecting the test suite XDS Repository (Retrieve).							
Validate your responses and paste here the link of the execution on GWT.							
20	EPR_XDS. b_DOC_R EPOSITOR Y- WITH_XUA	EPR_XDS.b_ DOC_REPO SITORY- WITH_XUA		None	No	Required	
[EVIDENCE] : The SUT proves that a link to this test instance has been added to both the XUA_X-SERVICE-PROV_ITI-40 test case.							

Sequence Diagram



Test case #13924 CHXDS.b_DOC_SRC_ITI-41

Test Summary

Keyword : CHXDS.b_DOC_SRC_ITI-41_CTS	Type : conformity assessment
Name : CHXDS.b_DOC_SRC_ITI-41	Peer Type : NO_PEER_TEST
Version : 1.4	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2026-07-17 15:43:23.145106 by vhofman	

Short Description : This test is to verify the SUT capacity to register a document and its metadata through an ITI-41 transaction with a XDS document repository.

Test Description

h3.cjk { font-family: "Noto Sans CJK SC Regular"; }h3.ctl { font-family: "Lohit Devanagari"; }h2.cjk { font-family: "Noto Sans CJK SC Regular"; }h2.ctl { font-family: "Lohit Devanagari"; }p { margin-bottom: 0.25cm; line-height: 115%; }a:link { } Special Instructions

In this case we will test the Provide and Registry Document Set-b (ITI-41) transaction with a simulator as both the Document Repository and Document Registry.

To perform this test, you'll need to download the files "SubmissionDoc.txt", "SubmissionDocOne.txt" and "SubmissionDocTwo.txt" from : https://ehealthsuisse.ihe-europe.net/test_data/XDS_Documents/.

The data you'll use for the transactions are :

patient : Nilesch WITTWER-CHRISTEN (EPR-SPID : p { margin-bottom: 0.25cm; line-height: 115%; }a:link { } 761337610411265304^^^SPID&2.16.756.5.30.1.127.3.10.3&ISO)

Repository Unique ID : 1.1.4567332.1.70

Requests endpoint :https://ehealthsuisse.ihe-europe.net:10443/xdstools7/sim/epr-testing_for_doc_source_testing/rep/prb

ITI-41 must be grouped with an ITI-40. Before each request you must :

1. Use the [Identity Provider Simulator](#) to do an **Authenticate User** transaction (Use the HCP aandrews)
2. Then do an **Get X-User Assertion** to the Assertion Provider Simulator (<https://ehealthsuisse.ihe-europe.net:10443/STS?wsdl>)
3. Use the SAML Assertion in your ITI-41 request
4. This part is checked in the test case [XUA_X-SERVICE-USER_ITI-40](#). You must create a test instance of this and paste the link in the step 5.

The value of the other metadatas is not important as long as the various codes, codeSystem and formats respect the IHE and swiss XDS specifications.

Please note that :

For each ITI-41 transaction, an ADR request is performed by the [registry simulator](#) to an ADR provider simulator to retrieve an access decision according to the confidentiality level (normal, restricted and secret).

This decision is based on the policy set prealably defined by the patient in the Policy Repository.

The Document Registry shall allow the document to be registered according to the rights given to the HCP in response to the ITI-41 request.

The datas given to you (assertion, PID, ...) are known from both the document registry and ADR simulator and should return the datas and documents requested.

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

Description

1 - First, send the file "SubmissionDoc.txt" in a first request.

2 - (Optional) Then send the two files "SubmissionDocOne.txt" and "SubmissionDocTwo.txt" in a second request.

Take note of the time at which you initiated your transaction, it will be helpful for the next steps.

- Once your requests has been executed, you'll need to recover their logs from XDSTools :

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

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

- In EVSClient, choose on the menu **EPR > XDS-CH > Validate**
- Upload your XML message. Then, in Model Based Validation select: **CH XDS.b ITI-41 PnR Set-b - request (CH codes)** to validate your request
- Copy the permanent link to your validation in the corresponding test step

The monitor also needs a proof that the registry and the repository successfully stored your documents. Provides a screenshot of the logs in XDSTools showing the status of the response.

Evaluation

The validation of your requests in EVS Client must return Passed.

The response to your request must be **Success** (provide a screenshot of your system).

Test Participants

Role in test : EPR_XDS.b_DOC_REPOSITORY_SIMU (Tool)

Option : R

Nb of instances : 1

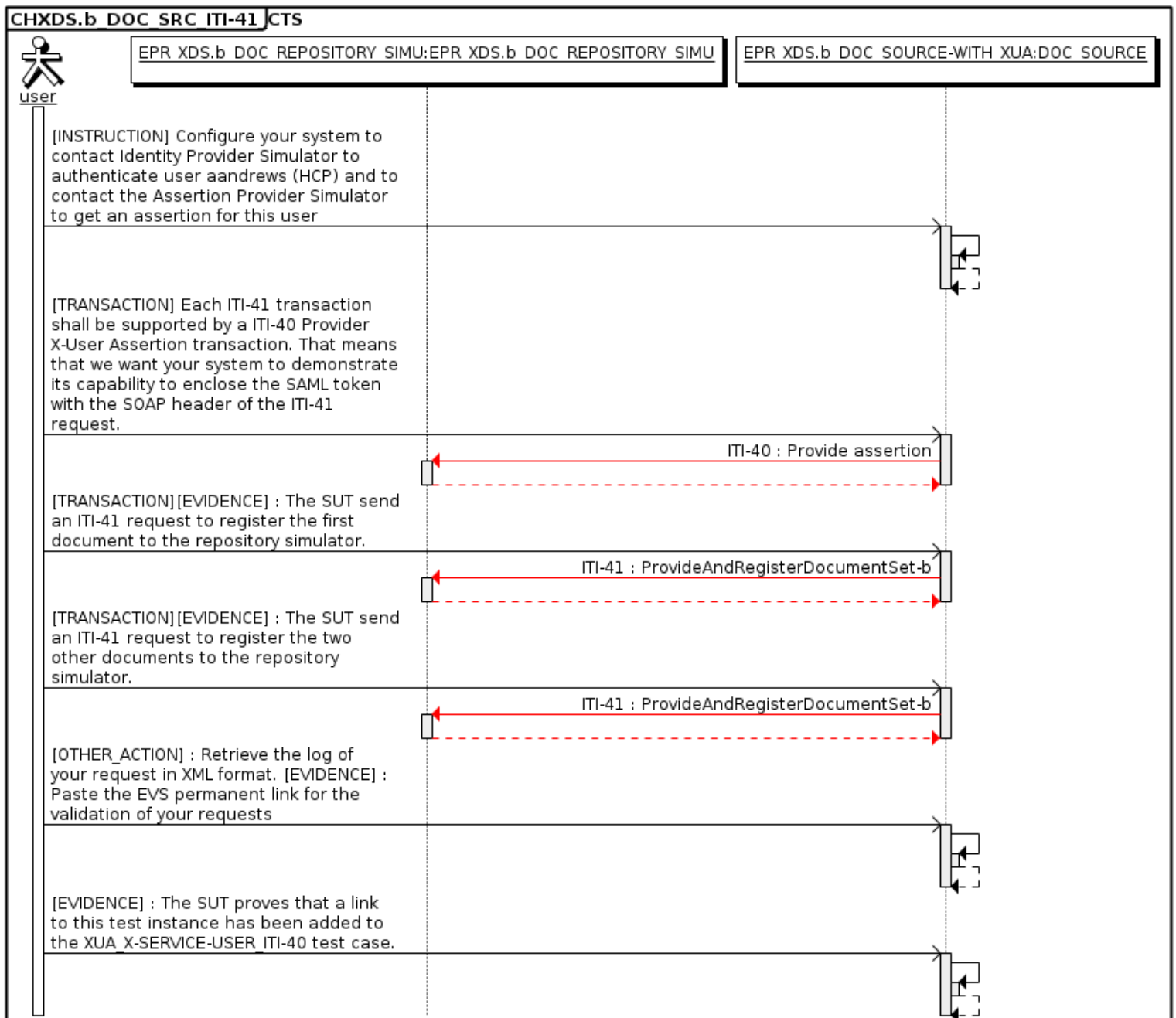
Test Participants

Role in test : EPR_XDS.b_DOC_SOURCE-WITH_XUA (SUT)			Option : R	Nb of instances : 1
Actor	Profile	Option		
DOC_SOURCE	XDS.b	NONE		
X-SERV-USR	XUA	NONE		

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
1	EPR_XDS.b_DOC_SOURCE-WITH_XUA	EPR_XDS.b_DOC_SOURCÉ-WITH_XUA		-	No	Required	
[INSTRUCTION] Configure your system to contact Identity Provider Simulator to authenticate user aandrews (HCP) and to contact the Assertion Provider Simulator to get an assertion for this user							
5	EPR_XDS.b_DOC_SOURCE-WITH_XUA	EPR_XDS.b_DOC_REPO_SITORY_SIMU	ITI-40	Provide assertion	Yes	Required	
[TRANSACTION] Each ITI-41 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 ITI-41 request.							
10	EPR_XDS.b_DOC_SOURCE-WITH_XUA	EPR_XDS.b_DOC_REPO_SITORY_SIMU	ITI-41	ProvideAndRegisterDocumentSet-b	Yes	Required	
[TRANSACTION][EVIDENCE] : The SUT send an ITI-41 request to register the first document to the repository simulator.							
20	EPR_XDS.b_DOC_SOURCE-WITH_XUA	EPR_XDS.b_DOC_REPO_SITORY_SIMU	ITI-41	ProvideAndRegisterDocumentSet-b	Yes	Optional	
[TRANSACTION][EVIDENCE] : The SUT send an ITI-41 request to register the two other documents to the repository simulator.							
30	EPR_XDS.b_DOC_SOURCE-WITH_XUA	EPR_XDS.b_DOC_SOURCÉ-WITH_XUA		None	No	Required	
[OTHER_ACTION] : Retrieve the log of your request in XML format. [EVIDENCE] : Paste the EVS permanent link for the validation of your requests							
40	EPR_XDS.b_DOC_SOURCE-WITH_XUA	EPR_XDS.b_DOC_SOURCÉ-WITH_XUA		None	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 #14076 CH:XDS-I.b_RAD-68_DOC_REP

Test Summary

Keyword : CH:XDS-I.b_RAD-68_DOC_REP_CTS	Type : conformity assessment
Name : CH:XDS-I.b_RAD-68_DOC_REP	Peer Type : NO_PEER_TEST
Version : 1.2	Status : ready
Author : vhofman	Verified by : Not verified
Date of last 2026-07-17 15:46:27.314522 by vhofman	

Short Description : The purpose of this test case is to verify the behaviour of the DocumentRepository system when processing a RAD-68 request associated with the publication of a KOS manifest

Test Description

1 - Goal

The purpose of this test case is to verify the behaviour of the DocumentRepository system when processing a RAD-08 request associated with the publication of a KOS manifest.

2 - Tested Components

The following actors are involved in this test:

- Imaging XDS-I.b Document Source, role played by the simulator [XD* Client](#)
- XDS.b Document Repository, role played by your System Under Test (SUT)

3 - Prerequisite

CH:XDS-I profile needs TLS for the communication.

The CH:XDS-I requests and responses must also be grouped with XUA actors and provide/check a valid **XUA assertion**.

System configuration :

- All the requirements mentioned in the following test cases should be considered :
 - DOC_REPO_DoThisFirst ([click here](#))

Simulator configuration :

- The RAD-08 client simulator provided on the platform ([click here](#)) should be used to initiate the publication of the KOS manifest.

4 - Description

The Document Repository SHALL accept KOS objects only, if the following requirements are fulfilled:

1. The purpose of use of the X-User Assertion SHALL be equal to "DICOM_AUTO".
2. The DocumentEntry.formatCode SHALL be equal to the coded value of "DICOM Manifest" ("1.2.840.10008.5.1.4.1.1.88.59^1.2.840.10008.2.6.1").
3. DocumentEntry.mimeType SHALL be equal to "application/dicom".

The test patient used in this test case has the following identity informations :

- First name : Nilesh
- Last name : WITTWER-CHRISTEN
- Sex : Male
- Birth date : 28/12/1994
- Patient identifier : 761337610411265304
- Assigning authority : 2.16.756.5.30.1.127.3.10.3

The healthcare professional **associated with X-User Assertion authentication has the following identity informations :**

- First name : Matthew
- Last name : MARSTON
- Role : HCP
- Identifier : 7601002466565

In addition, this healthcare professional may delegate certain actions to another one :

- First name : Sandra
- Last name : BAADER
- Role : TCU
- Identifier : 7601002461111

Dataset associated with the test case :

- KOS B manifest, .dcm format.

Dataset mentioned above can be retrieved [here](#).

5 - Evidence

In the test steps, you'll be asked to validate your responses in the simulator interface.

To do so, the following validator will be used in this test case :

- RAD-08 response validator ([click here](#)) :
 - Select "CH XDS-I.b RAD-08 PhR Imaging Document Set - response" for the response validation process.

6 - Evaluation

Add the permanent links to the corresponding test steps below.

The monitor checks the message structure, the data and if the XUA token has been taken in account.

Test Participants

Test Participants

Role in test : DOCUMENT_REPOSITORY-XDS.b (SUT)			Option : R	Nb of instances : 1
Actor	Profile	Option		
DOC_REPOSITORY	XDS.b	NONE		
DOC_REPOSITORY	CH:XDS-I.b	NONE		
Role in test : EPR_XDS-I.b_DOC_SOURCE_SIMU (Tool)			Option : R	Nb of instances : 1

Test Steps

Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	EPR_XDS-I.b_DOC_SOURCE_SIMU	DOCUMENT_REPOSITORY-XDS.b	RAD-68	HTTP POST	No	Required	[INSTRUCTION] a) From the RAD-68 client simulator interface, the user selects the Document Repository system involved in publishing the KOS B manifest. b) From the RAD-68 simulator client interface, the user creates a "Document Entry", then loads the KOS B manifest. c) From the RAD-68 client simulator interface, the user fills in the following fields: * XDSSubmissionSet.contentTypeCode : Procedure * XDSDocumentEntry.classCode : Record of health event * XDSDocumentEntry.confidentialityCode : Normal * XDSDocumentEntry.practiceSettingCode : ** Display Name : Radiology ** Code: 394914008 ** codingScheme : 2.16.840.1.113883.6.96 * XDSDocumentEntry.healthcareFacilityTypeCode : Hospital * XDSDocumentEntry.typeCode : Image Reference d) From the RAD-68 client simulator interface, the user triggers the request associated with the publication of the KOS B manifest.
20	EPR_XDS-I.b_DOC_SOURCE_SIMU	EPR_XDS-I.b_DOC_SOURCE_SIMU		NONE	No	Required	[EVIDENCE] Permanent link from RAD-68 client simulator. This permanent link must be associated with the publication of KOS B manifest from the RAD-68 client simulator to the Document Repository system.
30	DOCUMENT_REPOSITORY-XDS.b	DOCUMENT_REPOSITORY-XDS.b		NONE	No	Required	[EVIDENCE] Permanent link from RAD-68 response validator taking as input the RAD-68 response sent by the Document Repository system as part of the publication of the KOS B manifest.
40	DOCUMENT_REPOSITORY-XDS.b	DOCUMENT_REPOSITORY-XDS.b		NONE	No	Required	[EVIDENCE] Screenshot from the Document Repository system interface showing that KOS B manifest is archived.

Test Steps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
50	EPR_XDS-I.b_DOC_S OURCE_S MU	EPR_XDS-I.b_DOC_SO URCE_SIMU		HTTP POST	No	Required	[INSTRUCTION] a) From the RAD-68 client simulator interface, the user selects the Document Repository system involved in publishing the KOS B manifest. b) From the RAD-68 client simulator interface, the user creates a "Document Entry", then loads the KOS B manifest. c) From the RAD-68 client simulator interface, the user fills in the following fields: *mimetype: application/xml *XDSDocumentEntry.formatCode (XDS-I): CDA Wrapped Text * XDSSubmissionSet.contentTypeCode : Procedure * XDSDocumentEntry.classCode : Record of health event * XDSDocumentEntry.confidentialityCode : Normal * XDSDocumentEntry.practiceSettingCode : ** Display Name : Radiology ** Code: 394914008 ** codingScheme : 2.16.840.1.113883.6.96 * XDSDocumentEntry.healthcareFacilityTypeCode : Hospital * XDSDocumentEntry.typeCode : Image Reference d) From the RAD-68 client simulator interface, the user triggers the request associated with the publication of the KOS B manifest.
60	EPR_XDS-I.b_DOC_S OURCE_S MU	EPR_XDS-I.b_DOC_SO URCE_SIMU		NONE	No	Required	[EVIDENCE] Permanent link from RAD-68 client simulator. This permanent link must be associated with an incorrect request to publish the KOS B manifest from the RAD-68 client simulator to the Document Repository system.
70	DOCUMENT_REPOSITORY-XDS.b	DOCUMENT_REPOSITORY-XDS.b		NONE	No	Required	[EVIDENCE] Permanent link from RAD-68 response validator taking as input the RAD-68 response sent by the Document Repository system following receipt of the KOS B manifest publication request.

Sequence Diagram

