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Test case #13923 CHXCPD_INIT-GW_ITI-55

Test Summary

Keyword : CHXCPD_INIT-GW_ITI-55_CTS **Type :** conformity assessment
Name : CHXCPD_INIT-GW_ITI-55 **Peer Type :** NO_PEER_TEST
Version : 1.0 **Status :** ready
Author : vhofman **Verified by :** **Not verified**
Date of last : 2024-01-26 16:32:53.687594 by vhofman

Short Description : This test evaluates the capability of the CH:XCPD Initiating Gateway to send a valid Cross-Community Patient Discovery (ITI-55) query.

Test Description

Special Instructions

This test is run against the Gazelle Patient Manager tool which will act as a CH:XCPD Responding Gateway. The messages produced by your System Under Test will be validated by the Gazelle HL7 Validator tool (model-based validation).

Description

The purpose of this test is to verify that your XCPD Initiating Gateway produces valid Cross-Community Patient Discovery messages (PRPA_IN201305UV02).

As a first step, configure your system under test to interact with Patient Manager. The configuration details for the XCPD Responding Gateway are available under **XCPD > Responding Gateway**.

Then, execute the step from the "Test steps" section of this test. **You are requested to provide the permanent link to the message exchanged with the simulator.** Those are available from menu **HL7 messages**. To facilitate your search, you can filter by SUT IP address in "Initiator" column. Once you have found your message,

1. Click on the play icon next to the request message type to trigger the validation of the message sent by your system. We expect the outcome of the validation to be PASSED.
2. Right-click on the message id (first column) and copy/paste the link in the test instance.
3. Demonstrate to the monitor that your system has been able to parse the response received from the tool and upload a screenshot as an evidence in the test instance.

Evaluation

The messages sent by your system will be validated by the Gazelle HL7 Validator. The validation status shall be PASSED for all of them.

Verify that the system under test has been able to parse the response and to display the details for patient **Roman Remo Emery**.

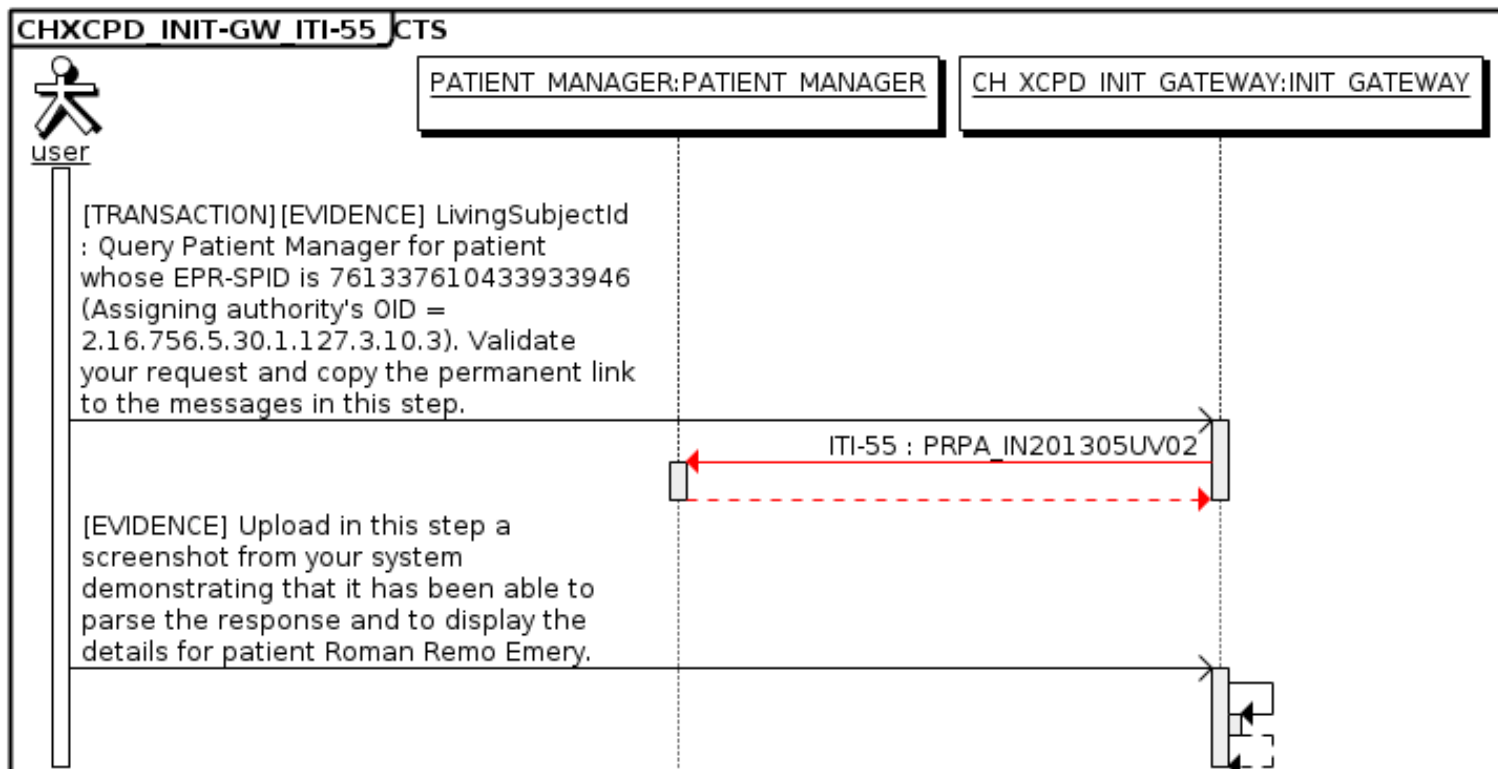
Test Participants

| Role in test : CH_XCPD_INIT_GATEWAY (SUT) | | | Option : R | Nb of instances : 1 |
|---|---------|--------|------------|---------------------|
| Actor | Profile | Option | | |
| SN | ATNA | NONE | | |
| INIT_GATEWAY | CH:XCPD | NONE | | |
| Role in test : PATIENT_MANAGER (Tool) | | | Option : R | Nb of instances : 1 |

Test Steps

| Index | Initiator | Responder | Transaction | Message Type | Secured ? | Option | Description |
|-------|----------------------|----------------------|-------------|-------------------|-----------|----------|--|
| 5 | CH_XCPD_INIT_GATEWAY | PATIENT_MANAGER | ITI-55 | PRPA_IN201305UV02 | Yes | Optional | [TRANSACTION][EVIDENCE] LivingSubjectId : Query Patient Manager for patient whose EPR-SPID is 761337610433933946 (Assigning authority's OID = 2.16.756.5.30.1.127.3.10.3). Validate your request and copy the permanent link to the messages in this step. |
| 15 | CH_XCPD_INIT_GATEWAY | CH_XCPD_INIT_GATEWAY | | None | No | Required | [EVIDENCE] Upload in this step a screenshot from your system demonstrating that it has been able to parse the response and to display the details for patient Roman Remo Emery. |

Sequence Diagram



Test case #13922 CHXCPD_RESP-GW_CONF

Test Summary

Keyword : CHXCPD_RESP-GW_CONF_CTS **Type :** conformity assessment
Name : CHXCPD_RESP-GW_CONF **Peer Type :** NO_PEER_TEST
Version : 1.0 **Status :** ready
Author : vhofman **Verified by :** **Not verified**
Date of last : 2024-01-26 16:33:02.544708 by vhofman

Short Description : This is a test to configure the system under test acting as a CH:XCPD Responding Gateway before the other tests are executed.

Test Description

Special Instructions

This is an initialization test. The Responding Gateway must have access to a well-known set of patient demographics in order for the next XCPD tests to be consistent. The XCPD profile does not state how the Responding Gateway discovers patients in its community. The System under test might have choose on of the options described below:

1. The Responding Gateway is capable of using a PDQ query to query one or more local PDQ Patient Demographics Suppliers.
2. The Responding Gateway assumes a 'shared national identifier', and thus it may use a PIX query to query one or more local PIX Managers.
3. The Responding Gateway manually loads test demographics into its system.

In any case, the next steps assumes that your system has access to the demographics listed in Patient Manager under the Connectathon > Patient demographics menu.

Description

Either configure your system to query a local system which owns the demographics listed in Patient Manager, either follow the steps below.

1. Log into the tool using your Gazelle credentials.
2. Create a new entry in the list of HL7v3 responders (**SUT Configurations --> HL7v3 responders**). As configuration name, use your system's keyword prefixed by XCPDRG .
3. If your system only supports a sub set of the affinity domains used by the tool to identify the patients, select the assigning authorities for which your system will receive identifiers under **SUT Configurations --> SUT's assigning authorities**
4. These demographics will be provided to you in Patient Manager under menu **Connectathon-->Patient Demographics**
5. Click on Send selected patients to SUT's in the header of the **Actions** column
6. Select your SUT and send the messages

Evaluation

There is no evaluation for this test. If the patients are not successfully registered in the Responding Gateway, then follow-on test will not work.

Test Participants

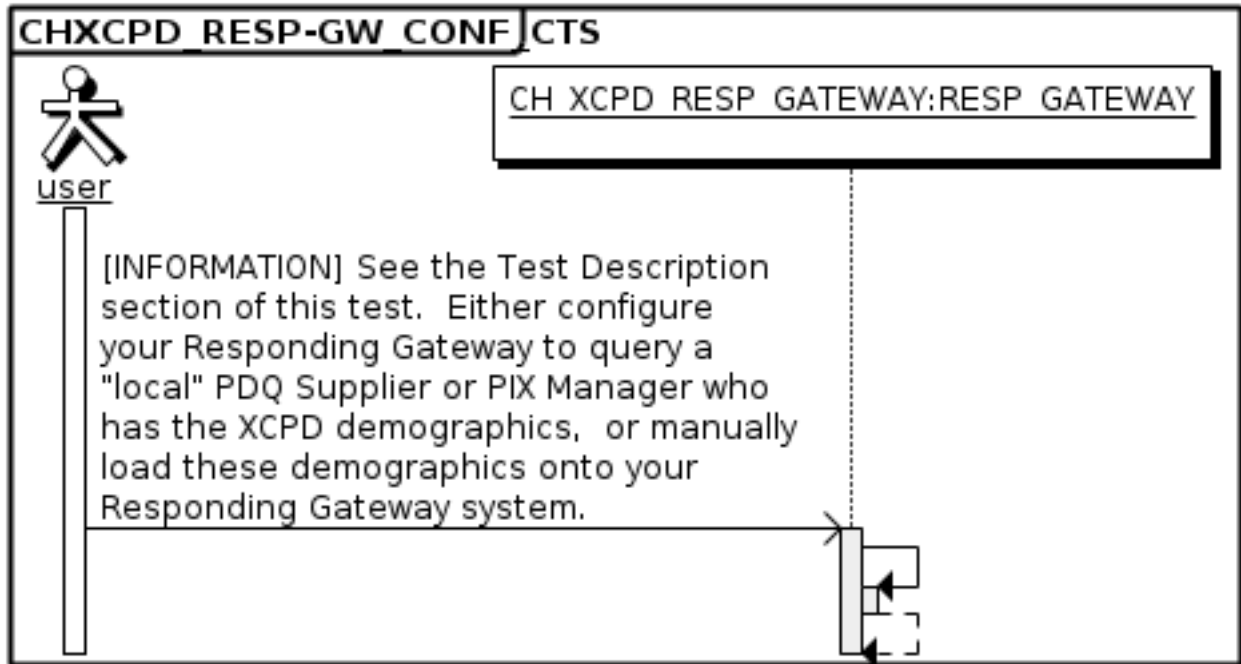
| Role in test : CH_XCPD_RESP_GATEWAY (SUT) | | Option : R | Nb of instances : 1 |
|---|---------|------------|---------------------|
| Actor | Profile | Option | |
| SN | ATNA | NONE | |
| RESP_GATEWAY | CH:XCPD | NONE | |

Test Steps

| Index | Initiator | Responder | Transaction | Message Type | Secured ? | Option | Description |
|-------|----------------------|----------------------|-------------|--------------|-----------|----------|-------------|
| 10 | CH_XCPD_RESP_GATEWAY | CH_XCPD_RESP_GATEWAY | | NONE | No | Required | |

[INFORMATION] See the Test Description section of this test. Either configure your Responding Gateway to query a "local" PDQ Supplier or PIX Manager who has the XCPD demographics, or manually load these demographics onto your Responding Gateway system.

Sequence Diagram



Test case #13921 CHXCPD_RESP-GW_ITI-55

Test Summary

Keyword : CHXCPD_RESP-GW_ITI-55_CTS **Type :** conformity assessment
Name : CHXCPD_RESP-GW_ITI-55 **Peer Type :** NO_PEER_TEST
Version : 1.0 **Status :** ready
Author : vhofman **Verified by :** **Not verified**
Date of last 2024-01-26 16:33:33.506357 by vhofman

Short Description : This test verifies the ability of the system under test acting as a CH:XCPD Responding Gateway to handle Cross-Community Patient Discovery queries (ITI-55) for which it owns matching patients.

Test Description

Special Instructions

You must have run **CHXCPD_RESP-GW_CONF** test case before running this one.
 The following tests will be run against the Gazelle Patient Manager tool which will act as a XCPD Initiating Gateway.
 The messages produced by your System Under Test will be validating against the Gazelle HL7 Validator tool (model-based validation).

Description

The purpose of this test is to verify that your Responding Gateway correctly handles and responds to the Cross-Community Patient Discovery query.
 If you did not do it during the preparatory test, log into Patient Manager and register your system under test under the **SUT Configurations > HL7v3 Responders menu**.
 Details on the test steps to execute are given in the next section (Test Steps). To execute a query, go to XCPD > Initiating Gateway > [ITI-55] Cross-Community Patient Discovery and

1. Select your system under test in the dropdown list
2. Select the appropriate entry in the "pre-defined query" drop-down list
3. Click on "Send message" button

For each step, you are requested to provide the permanent link to the message exchanged with the simulator. Once the simulator has received the response from your system, a report is displayed at the bottom of the page. Scroll down to this section. Fou are requested to provide the permanent link to the message exchanged with the simulator. Once the simulator has received the response from your system, a report is displayed at the bottom of the page. Scroll down to this section, ,

1. Click on the play icon next to the response message type to trigger the validation of the message sent by your system. We expect the outcome of the validation to be PASSED.
2. Right-click on the magnifying glass icon (last column) and copy/paste the permanent link in the test step using the "Add link" feature.

Evaluation

The validation status for the messages issued by the system under test shall be PASSED.

In addition, the monitor will check that the results returned corresponds to the pre-defined requests.

Test Participants

| Role in test : CH_XCPD_RESP_GATEWAY (SUT) | | | Option : R | Nb of instances : 1 |
|---|---------|--------|------------|---------------------|
| Actor | Profile | Option | | |
| SN | ATNA | NONE | | |
| RESP_GATEWAY | CH:XCPD | NONE | | |
| Role in test : PATIENT_MANAGER (Tool) | | | Option : R | Nb of instances : 1 |

Test Steps

| Index | Initiator | Responder | Transaction | Message Type | Secured ? | Option | Description |
|-------|-----------------|----------------------|-------------|----------------------------|-----------|----------|--|
| 10 | PATIENT_MANAGER | CH_XCPD_RESP_GATEWAY | ITI-55 | Cross GW Patient Discovery | No | Required | [TRANSACTION][EVIDENCE] Execute pre-defined query "CHXCPD_RESP-GW_ITI-55 - Step 10". Validate the response from your SUT and copy the permanent link to the messages in this step. |
| 20 | PATIENT_MANAGER | CH_XCPD_RESP_GATEWAY | ITI-55 | Cross GW Patient Discovery | No | Required | [TRANSACTION][EVIDENCE] Execute pre-defined query "CHXCPD_RESP-GW_ITI-55 - Step 20". Validate the response from your SUT and copy the permanent link to the messages in this step. |

Sequence Diagram

