

Connectathon tests definitions

test

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1.	SDC_Archive_Src_Docs		· ·
2.	SDC_Integrated_C1_AutoPop		6
3.	SDC_Integrated_C1_HTML		11
4.	SDC_Integrated_C1_PrePop		18
5.	SDC_Integrated_C1_URI		24
6.	SDC_Integrated_C1_XML		31
7.	SDC_Integrated_C2_HTML		38
8.	SDC_Integrated_C2_PrePop		45
9.	SDC_Integrated_C2_URI		51
10.	SDC_Integrated_C2_XML		58
11.	SDC_Integrated_C4_HTML		65
		SDC Archive Source Docs	

Test Summary

Keyword :	SDC_Archive_Src_Docs	Type :	connectathon
Name :	SDC Archive Source Docs	Peer Type :	P2P_TEST
Version :	NA2016	Status :	ready
Author :	lynn	Verified by :	Not verified
Date of last modification :	2015-12-30 20:34:32.051595 by lynn		
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12685		

Sequence Diagram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12685

Short Description : SDC, Form Filler Archive Source Docs Option

Description

This is a test of the SDC Archive Source Documents option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Integrated_C1_HTML
- SDC_Integrated_C1_URI
- SDC_Integrated_C1_XML
- SDC_Triangle_C1_HTML
- SDC_Triangle_C1_URI
- SDC_Triangle_C1_XML

As part of the process, the Form Filler will also archive source documents to a Form Archiver actor.

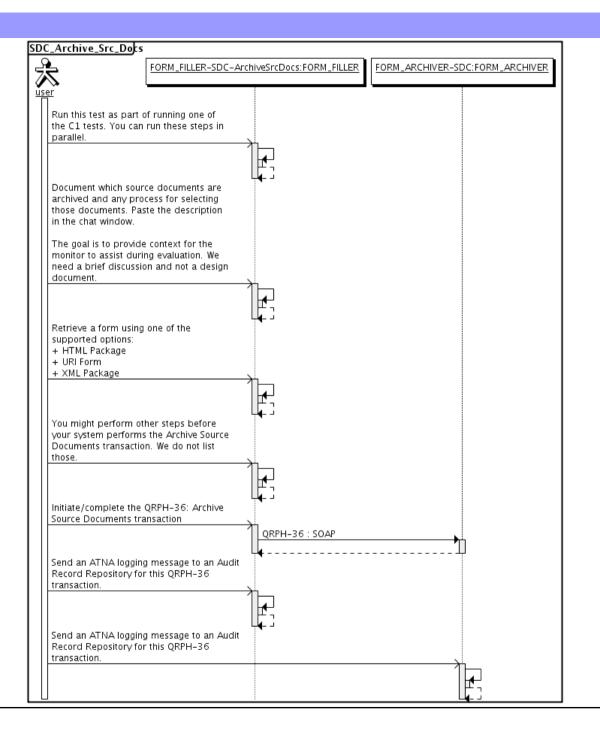
Evaluation

These are instructions to the Monitor.

- 1. Form Filler is required to document which source documents are archived and any process for selecting those documents. Review this evidence in the chat window before you visit the Form Filler. This should be
 - 1. contents of the workflowData parameter from the Retrieve Form transaction
 - 2. contents of the **prepopData** parameter from the Retrieve Form transaction
- 2. Visit the Form Filler and ask to observe the process from start to finish.
- 3. As part of the process, the Form Filler will initiate a QRPH-36 transaction to archive source documents. Observe how this happens from the perspective of the Form Filler.
- 4. Visit the Form Archiver. Ask for evidence showing the archived source documents.
- 5. Visit the Audit Record Repository. Look for the audit records for the QRPH-36 transaction. There should be audit messages from both the Form Filler and the Form Archiver.

Test Participants			
Role in test : FORM_ARCHIVER-SDC	Option : R	Nb of instances: 1	
Actor: FORM_ARCHIVER	Profile : SDC		Option : NONE
Role in test : FORM_FILLER-SDC-ArchiveSrcDocs	Option : R	Nb of instances: 1	
Actor: FORM_FILLER	Profile : SDC		Option : ARCHIVE_SOURCE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_FILLER- SDC- ArchiveSrcDocs	FORM_FILLER- SDC- ArchiveSrcDocs		None	No	Required	Run this test as part of running one of the C1 tests. You can run these steps in parallel.
20	FORM_FILLER- SDC- ArchiveSrcDocs	FORM_FILLER- SDC- ArchiveSrcDocs		None	No	Required	Document which source documents are archived and any process for selecting those documents. Paste the description in the chat window.
							The goal is to provide context for the monitor to assist during evaluation. We need a brief discussion and not a design document.
30	FORM_FILLER- SDC- ArchiveSrcDocs	FORM_FILLER- SDC- ArchiveSrcDocs		ITI-34	No	Required	Retrieve a form using one of the supported options: + HTML Package + URI Form + XML Package
100	FORM_FILLER- SDC- ArchiveSrcDocs	FORM_FILLER- SDC- ArchiveSrcDocs		None	No	Optional	You might perform other steps before your system performs the Archive Source Documents transaction. We do not list those.
110	FORM_FILLER- SDC- ArchiveSrcDocs	FORM_ARCHIVER- SDC	QRPH-36	SOAP	No	Required	Initiate/complete the QRPH-36: Archive Source Documents transaction
120	FORM_FILLER- SDC- ArchiveSrcDocs	FORM_FILLER- SDC- ArchiveSrcDocs		Syslog / Audit	No	Required	Send an ATNA logging message to an Audit Record Repository for this QRPH-36 transaction.
130	FORM_ARCHIVER- SDC	FORM_ARCHIVER- SDC		Syslog / Audit	No	Required	Send an ATNA logging message to an Audit Record Repository for this QRPH-36 transaction.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Integrated C1 Auto Pop									
Test Summary									
Keyword :	SDC_Integrated_C1_AutoPop	Туре :	connectathon						
Name :	SDC Integrated C1 Auto Pop	Peer Type :	P2P_TEST						
Version :	NA2015	Status :	ready						
Author :	moores	Verified by :	Not verified						
Date of last modification :	2015-01-20 18:41:14.81634 by moores								
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2412							
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDi	agram.seam?id=12412							
Short Description :	SDC, Form Processor + Form Filler, Case 1	, Auto Population							

Description

This is a test of the SDC Auto-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Integrated_C1_HTML
- SDC_Integrated_C1_URI
- SDC_Integrated_C1_XML

The Form Filler retrieves a form and then populates one or more of the form values automatically from their application.

See the Test Steps and Evaluation for test requirements.

Evaluation

These are instructions to the Monitor.

- 1. The Form Filler is required to briefly document the fields that will be auto-populated. Examine the chat window and verify that the description is present. You will want to remember the elements when you visit the Form Filler.
- 2. Visit the Form Filler and ask to observe the process from start to finish. Ask the Form Filler to demonstrate how the auto-population works. It is possible that everything is automatic and hard to observe. Ask questions to make sure this is done with auto-population and not pre-population.

1. They are allowed to send a pre-pop document as part of this test. The auto-pop fields might or might not overlap with the pre-pop fields.

3. Visit the Form Processor after the form has been submitted. Verify that values from the auto-pop process have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Auto-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_AUTO_POP
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor : FORM_PROCESSOR	Profile : SDC		Option : NONE

Test Step)S						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

Test	Test Steps										
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description				
10	FORM_FILLER- SDC-Auto-Pop	FORM_FILLER- SDC-Auto-Pop		None	No	Required	Document briefly the elements that your application can complete using auto-population. Record this information in the chat window for the monitor to review.				
20	FORM_FILLER- SDC-Auto-Pop	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction.				
30	FORM_FILLER- SDC-Auto-Pop	FORM_FILLER- SDC-Auto-Pop		None	No	Required	Demonstrate for the monitor how your application auto-populates one or more form elements.				
100	FORM_FILLER- SDC-Auto-Pop	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form.				
110	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Demonstrate the received form. You should be able to show the elements that were completed with autopopulation.				

Sequence Diagram

SDO	C_Integrated_C1_Aut	ођор			
J.	2		DC:FORM_PROCESSOR	FORM_FILLER-SDC-Au	to-Pop:FORM_FILLER
/ us	ar l			i	
	Document briefly the e application can comple auto-population. Reco in the chat window for review.	ete using rd this information			
	Initiate the ITI-34 Retr transaction.	ieve Form			
		I	•	ITI-34 : SOAP	
	Demonstrate for the m application auto-popu form elements.	-	L		
		_		1	
	Submit the completed	form.	•	ITI-35 : SOAP	
	Demonstrate the receir should be able to show were completed with a	v the elements that		-	

Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	s	DC Integrated C1 HTML		
Test Summary				
Keyword :	SDC_Integrated_C1_HTML	Type :	connectathon	
Name :	SDC Integrated C1 HTML	Peer Type :	P2P_TEST	
Version :	NA2015	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2015-01-20 16:10:47.286317 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2422		
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDia	agram.seam?id=12422		
Short Description :	SDC, Form Processor + Form Filler, Case 1,	HTML Package		

This test corresponds to the "Adrenal" test case.

The default Form ID for this test is "Adrenal_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C1 corresponds to the "Adrenal" case.
- The Form Filler implements the "SDC HTML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the response data that was uploaded by the Form Filler.

- 1. Locate the element < form_package> within the response
- 2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.
- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.
- 5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

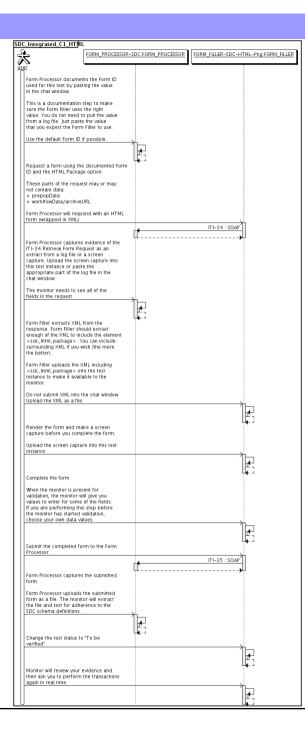
Test Participants			
Role in test : FORM_FILLER-SDC-HTML-Pkg	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_HTML_PACKAGE
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-HTML-Pkg	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the HTML Package option.
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL
							Form Processor will respond with an HTML form (wrapped in XML)

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_html_package>. You can include surrounding XML if you wish (the more the better).</sdc_html_package>
							Form Filler uploads the XML including <sdc_html_package> into the test instance to make it available to the monitor.</sdc_html_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-HTML-Pkg	SDC-HTML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-HTML-Pkg	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
110	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures the submitted form.
							Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.

Sequence Diagram



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SI	OC Integrated C1 Pre Pop		
Test Summary				
Keyword :	SDC_Integrated_C1_PrePop	Туре :	connectathon	
Name :	SDC Integrated C1 Pre Pop	Peer Type :	P2P_TEST	
Version :	NA2015	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2016-01-22 03:50:08.412094 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2413		
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDia	agram.seam?id=12413		
Short Description :	SDC, Form Processor + Form Filler, Case 1,	Pre Population		
Snort Description :	SDC, Form Processor + Form Filler, Case 1,	Pre Population		

The Adrenal case has no pre-pop document. Unless the Form Filler and Form Processor agree on a Pre-Pop document, you cannot run this test.

Description

This is a test of the SDC Pre-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Integrated_C1_HTML
- SDC_Integrated_C1_URI
- SDC_Integrated_C1_XML

When the Form Filler sends the ITI-34 Retrieve Form transaction, include a pre-pop document with the request.

The Form Processor uses the pre-pop document to pre-populate one or more of the data fields in the form. The SDC profile does not specify the content of the pre-population form nor doest it define any mapping.

Evaluation

These are instructions to the Monitor.

- 1. The Form Processor is required to briefly document the fields that will be pre-populated with data from the Form Filler. Examine the chat window and verify that the description is present.
- 2. The Form Filler is required to document one or more values in the pre-pop document that will be used to pre-populate the form returned by the Form Processor. Examine the chat window and verify that the list of elements and values is included.
- 3. The Form Processor is required to document the completed form. This can be in the chat window or as an uploaded file. Verify that the completed form is documented and shows the values that have been carried forward from the pre-pop document.
- 4. Visit the Form Filler and ask to observe the process from start to finish. Verify that the form returned by the Form Processor does have the pre-pop values in the form.
- 5. Visit the Form Processor after the form has been submitted. Verify that values from the pre-pop document have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_PROCESSOR-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : SDC_PRE_POP

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop		None	No	Required	Document (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test.
							The goal is to document a small number of fields for test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.
							You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.
20	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Collaborate with the Form Processor who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.
							Select five or fewer elements that can be pre- populated by the Form Processor and paste the name/value pairs in the chat window.
							There is no required format for this documentation. The goal is to provide documentation for the monitor.
100	FORM_FILLER- SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction with a pre-pop document.
							Form Processor will return a form with one or more fields pre-popoulated.
110	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Complete the form.
120	FORM_FILLER- SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop	ITI-35	SOAP	No	Required	Submit the completed form.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
130	FORM_PROCESSO R-SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop		None	No	Required	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation. The goal is to demonstrate the fields that were pre- populated and carried forward to the submitted form.
200	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Change the status of the test "To be verified"
210	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	You will be asked to perform the test again in real time for the monitor.

Sequence Diagram

SD	C_Integrated_C1_P	rePop			
_	<u> </u>		-Pre-Pop:FORM_PROCESSOR	FORM FILLER-SDC-P	re-Pop:FORM_FILLER
17	え 二	Torrage Rocesson Soc	The reparent stanger to consider	Torring Header Sole 1	re roptronan <u>enezer</u>
us us	er				
		e this information			
	The goal is to docun of fields for test pur list you publish to fiv elements, even if yo elements.	ve or fewer			
	You will need to coll: Form Filler. It would document fields that will include in the pr	be best to t the Form Filler			
			I III III III III III III III III III		
	Collaborate with the has a list of element mapped to the form ITI-34 transaction.		L 4 . J		
	Select five or fewer of be pre-populated b and paste the name chat window.	y the Form Processor			
	There is no required documentation. The documentation for th	goal is to provide			7
	Initiate the ITI-34 Re transaction with a pr	re-pop document.			
	Form Processor will one or more fields p				1
			I	ITI-34 : SOAP	
	Complete the form.		YL		4
					E
	Submit the complete	ed form.		>	
			4	ITI-35 : SOAP	
	Document the form a dump of a log file, or screen capture. P chat window or uplo documentation.	aste text in the	μ	k	_
	The goal is to demo that were pre-popu forward to the subm	lated and carried	*		
	Change the status of verified"	f the test "To be			
	You will be asked to again in real time fo				` `
				, ,	

Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC I	ntegrated C1 URI		
Test Summary				
Keyword :	SDC_Integrated_C1_URI	Туре :	connectathon	
Name :	SDC Integrated C1 URI	Peer Type :	P2P_TEST	
Version :	NA2015	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2015-01-20 16:11:13.66762 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12423			
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagram.s	seam?id=12423		
Short Description :	SDC, Form Processor + Form Filler, Case 1, URI For	orm		

This test corresponds to the "Adrenal" test case.

The default Form ID for this test is "Adrenal_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C1 corresponds to the "Adrenal" case.
- The Form Filler implements the "SDC URI Form" option.

The pre-pop function is not tested explicitly here. If the testing partners want to include pre-pop testing, they can combine this test with the pre-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "<u>false</u>"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < URL> within the response

2. Verify the presence of the <URL> element and that it contains a valid URL. Open it with a web browser. Make sure it does not take you to Amazon and ask for your credit card.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.

3. Ask the Form Filler to submit the form.

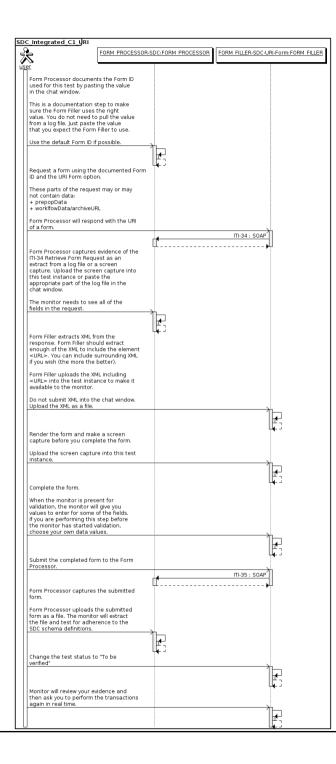
- 4. Visit the Form Processor.
- 5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants								
Role in test : FORM_FILLER-SDC-URI-Form	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_URL_FORM					
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3						
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE					

Test	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.			
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.			
							Use the default Form ID if possible.			
20	FORM_FILLER- SDC-URI-Form	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the URI Form option.			
							These parts of the request may or may not contain data:			
							+ prepopData + worklfowData/archiveURL			
							Form Processor will respond with the URI of a form.			
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.			
							The monitor needs to see all of the fields in the request.			

Test S	Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description		
40	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <url>. You can include surrounding XML if you wish (the more the better).</url>		
							Form Filler uploads the XML including <url> into the test instance to make it available to the monitor.</url>		
							Do not submit XML into the chat window. Upload the XML as a file.		
50	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Render the form and make a screen capture before you complete the form.		
							Upload the screen capture into this test instance.		
60	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Complete the form.		
	SDC-URI-FUIII	SDC-ORI-FOIIII					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.		
100	FORM_FILLER- SDC-URI-Form	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.		
110	FORM_PROCESSO	FORM_PROCESSO		None	No	Required	Form Processor captures the submitted form.		
	R-SDC	R-SDC					Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.		
200	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Change the test status to "To be verified"		
210	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.		



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Integrated C1 XML								
Test Summary								
Keyword :	SDC_Integrated_C1_XML	Туре :	connectathon					
Name :	SDC Integrated C1 XML	Peer Type :	P2P_TEST					
Version :	NA2015	Status :	ready					
Author :	moores	Verified by :	Not verified					
Date of last modification :	2015-01-20 16:11:47.050873 by moores	2015-01-20 16:11:47.050873 by moores						
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=124	08						
Sequence Diagram link :	ram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12408							
Short Description :	Short Description : SDC, Form Processor + Form Filler, Case 1, XML Package							

This test corresponds to the "Adrenal" test case.

The default Form ID for this test is "Adrenal_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C1 corresponds to the "Adrenal" case.
- The Form Filler implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.

- Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.
 - xamine the completed form that was submitted by the Form Finer to the Form Frocessor, the Form Frocessor should have uploaded the form as a me, not in the chat win

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- $\ensuremath{\mathsf{3.Ask}}$ the Form Filler to submit the form.
- 4. Visit the Form Processor.

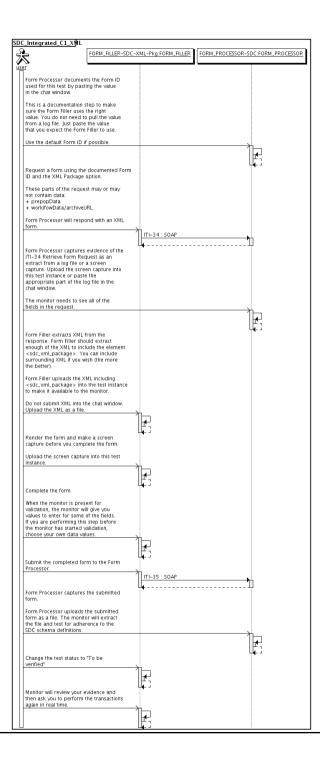
5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants								
Role in test : FORM_FILLER-SDC-XML-Pkg	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_XML_PACKAGE					
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3						
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE					

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-XML-Pkg	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the XML Package option.
							These parts of the request may or may not contain data:
							+ prepopData + worklfowData/archiveURL
							Form Processor will respond with an XML form.
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.

Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	
40	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_xml_package>. You can include surrounding XML if you wish (the more the better).</sdc_xml_package>	
							Form Filler uploads the XML including <sdc_xml_package> into the test instance to make it available to the monitor.</sdc_xml_package>	
							Do not submit XML into the chat window. Upload the XML as a file.	
50	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.	
							Upload the screen capture into this test instance.	
60	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Complete the form.	
							When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.	
100	FORM_FILLER- SDC-XML-Pkg	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.	
110	FORM_PROCESSO	FORM_PROCESSO		None	No	Required	Form Processor captures the submitted form.	
	R-SDC	R-SDC					Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.	
200	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Change the test status to "To be verified"	
210	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.	



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Integrated C2 HTML						
Test Summary						
Keyword :	SDC_Integrated_C2_HTML	Туре :	connectathon			
Name :	SDC Integrated C2 HTML	Peer Type :	P2P_TEST			
Version :	NA2016	Status :	ready			
Author :	moores	Verified by :	Not verified			
Date of last modification :	2016-01-22 04:13:59.632433 by moores					
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	847				
Sequence Diagram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12847						
Short Description : SDC, Form Processor + Form Filler, Case 1, HTML Package						

This test corresponds to the "Demographics" test case.

The default Form ID for this test is "Demographics_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C2 corresponds to the "Demographics" case.
- The Form Filler implements the "SDC HTML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the response data that was uploaded by the Form Filler.

- 1. Locate the element < form_package> within the response
- 2. Use OxygenXML or some other XML tool to verify that the element <form_package> returned does validate against the SDC schema that is included with the SDC profile.
- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.
- 5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

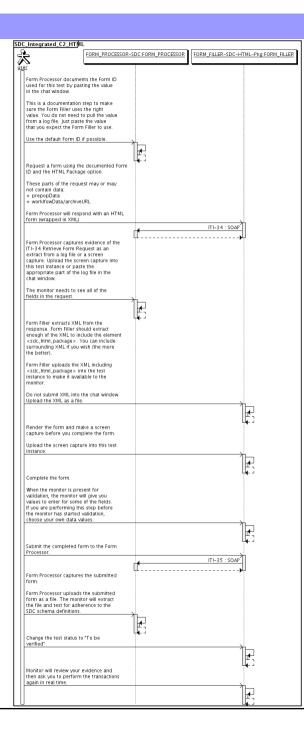
Test Participants			
Role in test : FORM_FILLER-SDC-HTML-Pkg	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_HTML_PACKAGE
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-HTML-Pkg	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the HTML Package option.
							These parts of the request may or may not contain data:
							+ prepopData + worklfowData/archiveURL
							Form Processor will respond with an HTML form (wrapped in XML)

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_html_package>. You can include surrounding XML if you wish (the more the better).</sdc_html_package>
							Form Filler uploads the XML including <sdc_html_package> into the test instance to make it available to the monitor.</sdc_html_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-HTML-Pkg	SDC-HTML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-HTML-Pkg	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.

Test	Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description		
110	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures the submitted form.		
							Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.		
200	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Change the test status to "To be verified"		
210	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.		

Sequence Diagram



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

Test Summary Keyword : SDC_Integrated_C2_PrePop Name : SDC Integrated C2 Pre Pop	Type : connectathon Peer Type : P2P TEST					
	••					
Name : SDC Integrated C2 Pre Pop	Peer Type: P2P TEST					
Version: NA2015	Status : ready					
Author: moores	Verified by : Not verified					
Date of last modification: 2016-01-22 03:48:54.580897 by moores						
Test permanent link : https://gazelle.ihe.net/GMM/test.seam?id=12848						
Sequence Diagram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12848						
Short Description : SDC, Form Processor + Form Filler, Case 1, Pre Population						

Description

This is a test of the SDC Pre-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Integrated_C2_HTML
- SDC_Integrated_C2_URI
- SDC_Integrated_C2_XML

When the Form Filler sends the ITI-34 Retrieve Form transaction, include a pre-pop document with the request.

The Form Processor uses the pre-pop document to pre-populate one or more of the data fields in the form. The SDC profile does not specify the content of the pre-population form nor doest it define any mapping.

The Pre-Pop document is likely a CCD. The Form Filler and Form Processor should agree on the Pre-Pop document.

Evaluation

These are instructions to the Monitor.

- 1. The Form Processor is required to briefly document the fields that will be pre-populated with data from the Form Filler. Examine the chat window and verify that the description is present.
- 2. The Form Filler is required to document one or more values in the pre-pop document that will be used to pre-populate the form returned by the Form Processor. Examine the chat window and verify that the list of elements and values is included.
- 3. The Form Processor is required to document the completed form. This can be in the chat window or as an uploaded file. Verify that the completed form is documented and shows the values that have been carried forward from the pre-pop document.
- 4. Visit the Form Filler and ask to observe the process from start to finish. Verify that the form returned by the Form Processor does have the pre-pop values in the form.
- 5. Visit the Form Processor after the form has been submitted. Verify that values from the pre-pop document have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC	Option : SDC_PRE_POP	
Role in test : FORM_PROCESSOR-SDC-Pre-Pop	Option : R	Nb of instances : 3	
Actor: FORM_PROCESSOR	Profile : SDC	Option : SDC_PRE_POP	

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop		None	No	Required	Document (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test.
							The goal is to document a small number of fields for test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.
							You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.
20	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Collaborate with the Form Processor who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.
							Select five or fewer elements that can be pre- populated by the Form Processor and paste the name/value pairs in the chat window.
							There is no required format for this documentation. The goal is to provide documentation for the monitor.
100	FORM_FILLER- SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction with a pre-pop document.
							Form Processor will return a form with one or more fields pre-popoulated.
110	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Complete the form.
120	FORM_FILLER- SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop	ITI-35	SOAP	No	Required	Submit the completed form.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
130	FORM_PROCESSO R-SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop		None	No	Required	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation. The goal is to demonstrate the fields that were pre- populated and carried forward to the submitted form.
200	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Change the status of the test "To be verified"
210	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	You will be asked to perform the test again in real time for the monitor.

Sequence Diagram

SD	C_Integrated_C2_PrePbp		
J.	FORM_PROCESSOR-SDC	-Pre-Pop:FORM_PROCESSOR	FORM_FILLER-SDC-Pre-Pop:FORM_FILLER
4			lL
us	Procument (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test.		
	The goal is to document a small number of fields for test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.		
	You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.		
	Collaborate with the Form Processor who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.		
	Select five or fewer elements that can be pre-populated by the Form Processor and paste the name/value pairs in the chat window.		
	There is no required format for this documentation. The goal is to provide documentation for the monitor.		
	Initiate the ITI-34 Retrieve Form		│ <u></u> └┺╴┘
	transaction with a pre-pop document. Form Processor will return a form with		
	one or more fields pre-popoulated.	[1	ITI-34 : SOAP
	Complete the form.		
	Submit the completed form.		
	Submit the completed form.		ITI-35 : SOAP
	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation.	ſ ſ)
	The goal is to demonstrate the fields that were pre-populated and carried forward to the submitted form.	*	
	Change the status of the test "To be verified"		
	You will be asked to perform the test again in real time for the monitor.		
	agen ar cal and for the montor.		

Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC	Integrated C2 URI		
Test Summary				
Keyword :	SDC_Integrated_C2_URI	Туре :	connectathon	
Name :	SDC Integrated C2 URI	Peer Type :	P2P_TEST	
Version :	NA2016	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2016-01-22 04:15:41.808229 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12846			
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagran	n.seam?id=12846		
Short Description :	SDC, Form Processor + Form Filler, Case 1, URI	Form		

This test corresponds to the "Demographics" test case.

The default Form ID for this test is "Demographics_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C2 corresponds to the "Demographics" case.
- The Form Filler implements the "SDC URI Form" option.

The pre-pop function is not tested explicitly here. If the testing partners want to include pre-pop testing, they can combine this test with the pre-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "false"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element <URL> within the response

2. Verify the presence of the <URL> element and that it contains a valid URL. Open it with a web browser. Make sure it does not take you to Amazon and ask for your credit card.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

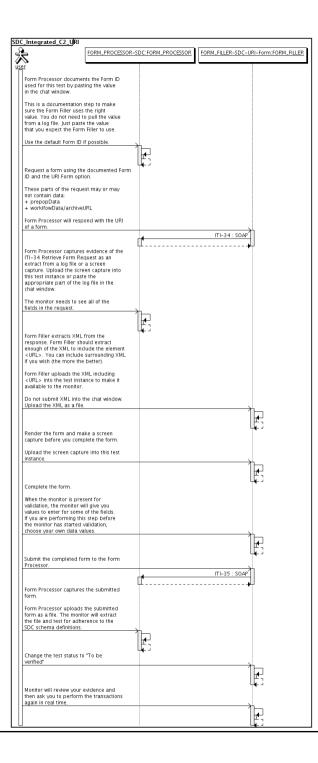
Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.
- 5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

Test Participants			
Role in test : FORM_FILLER-SDC-URI-Form	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_URL_FORM
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-URI-Form	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the URI Form option.
							These parts of the request may or may not contain data:
							+ prepopData + worklfowData/archiveURL
							Form Processor will respond with the URI of a form.
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
40	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <url>. You can include surrounding XML if you wish (the more the better).</url>
							Form Filler uploads the XML including <url> into the test instance to make it available to the monitor.</url>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Complete the form.
	SDC-URI-FOIM	SDC-ORI-FOIM					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-URI-Form	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.
110	FORM_PROCESSO	FORM_PROCESSO		None	No	Required	Form Processor captures the submitted form.
	R-SDC	R-SDC					Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

		DC Integrated C2 XML		
Test Summary				
Keyword : S	SDC_Integrated_C2_XML	Туре :	connectathon	
Name : S	SDC Integrated C2 XML	Peer Type :	P2P_TEST	
Version : N	NA2016	Status :	ready	
Author: n	moores	Verified by :	Not verified	
Date of last modification : 2	2016-01-22 04:19:54.991629 by moores			
Test permanent link : 🕴	https://gazelle.ihe.net/GMM/test.seam?id=128	345		
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDia	gram.seam?id=12845		
Short Description :	SDC, Form Processor + Form Filler, Case 1,	XML Package		

This test corresponds to the "Demographics" test case.

The default Form ID for this test is "Demographics_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C2 corresponds to the "Demographics" case.
- The Form Filler implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.

- Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.
 - xamine the completed form that was submitted by the Form Filer to the Form Frocessor. The Form Frocessor should have uploaded the form as a me, not in the chat with

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

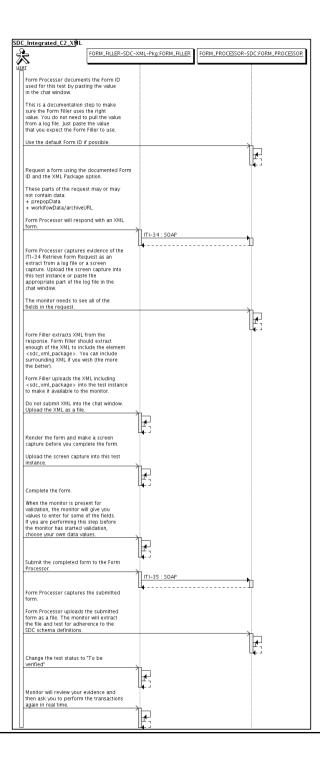
- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- $\ensuremath{\mathbf{3.}}$ Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.

5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

Test Participants			
Role in test : FORM_FILLER-SDC-XML-Pkg	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_XML_PACKAGE
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-XML-Pkg	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the XML Package option.
							These parts of the request may or may not contain data:
							+ prepopData + worklfowData/archiveURL
							Form Processor will respond with an XML form.
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.

Test S	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
40	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_xml_package>. You can include surrounding XML if you wish (the more the better).</sdc_xml_package>
							Form Filler uploads the XML including <sdc_xml_package> into the test instance to make it available to the monitor.</sdc_xml_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Complete the form.
							When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-XML-Pkg	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.
110	FORM_PROCESSO	FORM_PROCESSO		None	No	Required	Form Processor captures the submitted form.
	R-SDC	R-SDC					Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	s	DC Integrated C4 HTML		
Test Summary				
Keyword :	SDC_Integrated_C4_HTML	Туре :	connectathon	
Name :	SDC Integrated C4 HTML	Peer Type :	P2P_TEST	
Version :	NA2016	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2016-01-22 04:13:34.638547 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2853		
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDi	agram.seam?id=12853		
Short Description :	SDC, Form Processor + Form Filler, Case 1	, HTML Package		

This test corresponds to the "Reportable Disease" test case.

The default Form ID for this test is "Reportable Disease_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C4 corresponds to the "Reportable Disease" case.
- The Form Filler implements the "SDC HTML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the response data that was uploaded by the Form Filler.

- 1. Locate the element < form_package> within the response
- 2. Use OxygenXML or some other XML tool to verify that the element <form_package> returned does validate against the SDC schema that is included with the SDC profile.
- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.
- 5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

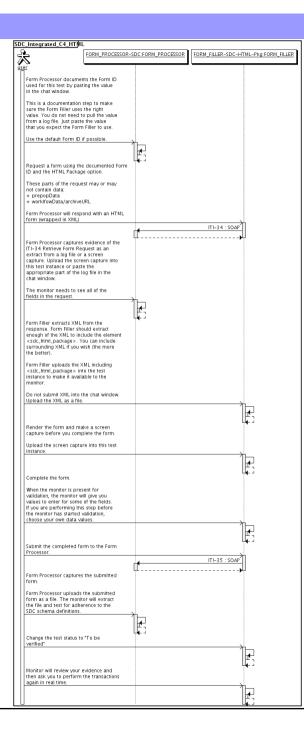
Test Participants			
Role in test : FORM_FILLER-SDC-HTML-Pkg	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_HTML_PACKAGE
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Test Steps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.	
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.	
							Use the default Form ID if possible.	
20	FORM_FILLER- SDC-HTML-Pkg	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the HTML Package option.	
							These parts of the request may or may not contain data:	
							+ prepopData + worklfowData/archiveURL	
							Form Processor will respond with an HTML form (wrapped in XML)	

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_html_package>. You can include surrounding XML if you wish (the more the better).</sdc_html_package>
							Form Filler uploads the XML including <sdc_html_package> into the test instance to make it available to the monitor.</sdc_html_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-HTML-Pkg	SDC-HTML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-HTML-Pkg	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.

Test	Test Steps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	
110	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures the submitted form.	
							Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.	
200	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Change the test status to "To be verified"	
210	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.	

Sequence Diagram



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC	Integrated C4 Pre Pop					
Test Summary							
•		Peer Type : Status :	connectathon P2P_TEST ready Not verified				
Date of last modification :	2016-01-22 04:15:25.843698 by moores						
Sequence Diagram link :	nanent link : https://gazelle.ihe.net/GMM/test.seam?id=12854 agram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12854 Description : SDC, Form Processor + Form Filler, Case 1, Pre Population						

Description

This is a test of the SDC Pre-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Integrated_C4_HTML
- SDC_Integrated_C4_URI
- SDC_Integrated_C4_XML

When the Form Filler sends the ITI-34 Retrieve Form transaction, include a pre-pop document with the request.

The Form Processor uses the pre-pop document to pre-populate one or more of the data fields in the form. The SDC profile does not specify the content of the pre-population form nor doest it define any mapping.

The Pre-Pop document is likely a CCD. The Form Filler and Form Processor should agree on the Pre-Pop document.

Evaluation

These are instructions to the Monitor.

- 1. The Form Processor is required to briefly document the fields that will be pre-populated with data from the Form Filler. Examine the chat window and verify that the description is present.
- 2. The Form Filler is required to document one or more values in the pre-pop document that will be used to pre-populate the form returned by the Form Processor. Examine the chat window and verify that the list of elements and values is included.
- 3. The Form Processor is required to document the completed form. This can be in the chat window or as an uploaded file. Verify that the completed form is documented and shows the values that have been carried forward from the pre-pop document.
- 4. Visit the Form Filler and ask to observe the process from start to finish. Verify that the form returned by the Form Processor does have the pre-pop values in the form.
- 5. Visit the Form Processor after the form has been submitted. Verify that values from the pre-pop document have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC	Option : SDC_PRE_P	OP
Role in test : FORM_PROCESSOR-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC	Option : SDC_PRE_P	OP

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop		None	No	Required	Document (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test.
							The goal is to document a small number of fields for test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.
							You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.
20	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Collaborate with the Form Processor who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.
							Select five or fewer elements that can be pre- populated by the Form Processor and paste the name/value pairs in the chat window.
							There is no required format for this documentation. The goal is to provide documentation for the monitor.
100	FORM_FILLER- SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction with a pre-pop document.
							Form Processor will return a form with one or more fields pre-popoulated.
110	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Complete the form.
120	FORM_FILLER- SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop	ITI-35	SOAP	No	Required	Submit the completed form.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
130	FORM_PROCESSO R-SDC-Pre-Pop	FORM_PROCESSO R-SDC-Pre-Pop		None	No	Required	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation. The goal is to demonstrate the fields that were pre- populated and carried forward to the submitted form.
200	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Change the status of the test "To be verified"
210	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	You will be asked to perform the test again in real time for the monitor.

Sequence Diagram

SD	C_Integrated_C4_PrePbp		
J.	FORM_PROCESSOR-SDC	-Pre-Pop:FORM_PROCESSOR	FORM_FILLER-SDC-Pre-Pop:FORM_FILLER
4			l
us	Procument (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test.		
	The goal is to document a small number of fields for test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.		
	You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.		
	Collaborate with the Form Processor who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.		
	Select five or fewer elements that can be pre-populated by the Form Processor and paste the name/value pairs in the chat window.		
	There is no required format for this documentation. The goal is to provide documentation for the monitor.		
	Initiate the ITI-34 Retrieve Form		
	transaction with a pre-pop document. Form Processor will return a form with		
	one or more fields pre-popoulated.	₽	ITI-34 : SOAP
	Complete the form.		
	Submit the completed form.		
	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation.	L 4	
	The goal is to demonstrate the fields that were pre-populated and carried forward to the submitted form.	*	
	Change the status of the test "To be verified"		
	You will be asked to perform the test again in real time for the monitor.		<u></u>

Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC	Integrated C4 URI		
Test Summary				
Keyword :	SDC_Integrated_C4_URI	Туре :	connectathon	
Name :	SDC Integrated C4 URI	Peer Type :	P2P_TEST	
Version :	NA2016	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2016-01-22 04:16:53.79899 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12855			
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagram	n.seam?id=12855		
Short Description :	SDC, Form Processor + Form Filler, Case 1, URI	Form		

This test corresponds to the "Reportable Disease" test case.

The default Form ID for this test is "Reportable Disease_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C4 corresponds to the "Reportable Disease" case.
- The Form Filler implements the "SDC URI Form" option.

The pre-pop function is not tested explicitly here. If the testing partners want to include pre-pop testing, they can combine this test with the pre-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "false"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < URL> within the response

2. Verify the presence of the <URL> element and that it contains a valid URL. Open it with a web browser. Make sure it does not take you to Amazon and ask for your credit card.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

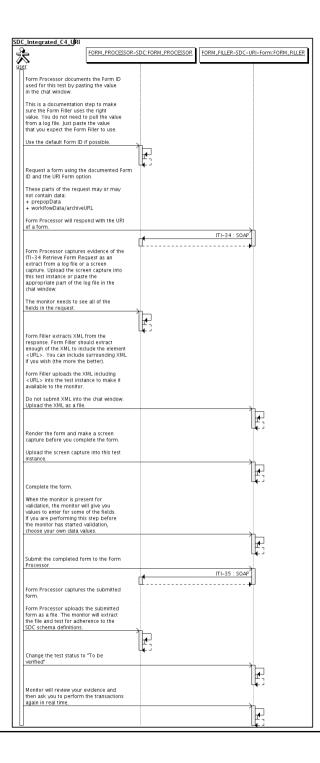
- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.
- 5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants			
Role in test : FORM_FILLER-SDC-URI-Form	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_URL_FORM
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-URI-Form	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the URI Form option.
							These parts of the request may or may not contain data:
							+ prepopData + worklfowData/archiveURL
							Form Processor will respond with the URI of a form.
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
40	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <url>. You can include surrounding XML if you wish (the more the better).</url>
							Form Filler uploads the XML including <url> into the test instance to make it available to the monitor.</url>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Complete the form.
	SDC-URI-FOIM	SDC-ORI-FOIM					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-URI-Form	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.
110	FORM_PROCESSO	FORM_PROCESSO		None	No	Required	Form Processor captures the submitted form.
	R-SDC	R-SDC					Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SD	C Integrated C4 XML		
Test Summary				
Keyword :	SDC_Integrated_C4_XML	Туре :	connectathon	
Name :	SDC Integrated C4 XML	Peer Type :	P2P_TEST	
Version :	NA2016	Status :	ready	
Author :	moores	Verified by :	Not verified	
Date of last modification :	2016-01-22 04:19:30.657174 by moores			
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=1285	6		
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiag	ram.seam?id=12856		
Short Description :	SDC, Form Processor + Form Filler, Case 1, XI	ML Package		

This test corresponds to the "Reportable Disease" test case.

The default Form ID for this test is "Reportable Disease_xml". The Form Processor may substitute a different Form ID. One of the test steps will require the Form Processor to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- A Form Processor is used and not separate Form Manager and Form Receiver
- Case C4 corresponds to the "Reportable Disease" case.
- The Form Filler implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Processor has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Processor as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Processor.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.

- Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Processor when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Processor. The Form Processor should have uploaded the form as a file, not in the chat window.
 - annine the completed form that was submitted by the Porm Processor. The Porm Processor should have uploaded the form as a me, not in the chat wi

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- $\ensuremath{\mathbf{3.}}$ Ask the Form Filler to submit the form.
- 4. Visit the Form Processor.

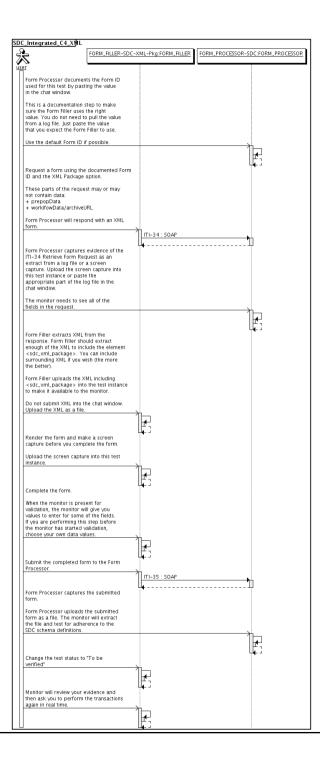
5. Ask the Form Processor to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Processor can show you the data in a text editor if that is all they have.

1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants			
Role in test : FORM_FILLER-SDC-XML-Pkg	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_XML_PACKAGE
Role in test : FORM_PROCESSOR-SDC	Option : R	Nb of instances: 3	
Actor: FORM_PROCESSOR	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor documents the Form ID used for this test by pasting the value in the chat window.
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.
							Use the default Form ID if possible.
20	FORM_FILLER- SDC-XML-Pkg	FORM_PROCESSO R-SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the XML Package option.
							These parts of the request may or may not contain data:
							+ prepopData + worklfowData/archiveURL
							Form Processor will respond with an XML form.
30	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.

Test S	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
40	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_xml_package>. You can include surrounding XML if you wish (the more the better).</sdc_xml_package>
							Form Filler uploads the XML including <sdc_xml_package> into the test instance to make it available to the monitor.</sdc_xml_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Complete the form.
	ŭ	Ŭ					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-XML-Pkg	FORM_PROCESSO R-SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Processor.
110	FORM_PROCESSO R-SDC	FORM_PROCESSO R-SDC		None	No	Required	Form Processor captures the submitted form.
	1-600	1-500					Form Processor uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC Read This First						
Test Summary							
Name : Version : Author :		Peer Type : Status :	connectathon NO_PEER_TEST ready Not verified				
Sequence Diagram link :	https://gazelle.ihe.net/GMM/test.seam?id=12843 https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12843 Overview of the SDC test process	i					

This test is a description of the overall testing procedure for the QRPH SDC profile.

All systems participating in testing this profile should read the test description and then submit the test for monitor evaluation. The monitors will automatically pass this test without a quiz.

Description

Testing of Options

In general, the IHE Connectathon procedure does not report the testing of options. We publish that an organization has successfully completed testing of actor A in profile P, but we do not publish the options that were tested.

The SDC profile has defined a number of options, and we would certainly like to test all of them if possible (time permitting, sufficient testing partners). One specific example are these three options defined for a Form Filler.

 SDC VML Package SDC AML Package
 SDC HTML Package
 SDC URI Form

An SDC Form Filler would only need to complete testing of one of those options to be awarded credit for Connectathon testing. However, a Form Filler implementation might wish to Hardon of the main observation of the Form Managers and Form Processors will need the help of the Form Fillers in order to test those three mechanisms from the Form Manager/Form Processor point of view.

For a Form Filler that has registered for one or more of those three options listed above, we will require you to run the required tests for each named option. This will help both your implementation and the implementation of the Form Managers and Form Processors.

There are other options that are defined. We will test these as well:

• SDC Pre-Pop SDC Auto-Pon

Archive Form

Archive Form
 Archive Source Documents

Testing Use Cases

The NA2015 SDC Testing Community has supplied test data. We will re-use and integrate those into our testing procedure. You can find more information about those test cases here: SDC Test Cases and Test Data.

There are some limitations in the naming conventions in our tools, the table below maps the Connectathon test cases to the scenarios defined by the NA2015 SDC Community.

Connectathon Test Case	SDC Subgroup Title	Form ID
C1	SDC Adrenal	See RFD Form Identifiers
C2	SDC Demog	See RFD Form Identifiers
C3	SDC FDA-3500	See RFD Form Identifiers
C4	Reportable Disease Form	See RFD Form Identifiers

Test Case Grids

The grid below shows the tests that are run based on the option implemented by the Form Filler and whether the other actors include only a Form Process or separate Form Manager and Form Receiver actors. We use the naming convention in the test names to convey the test setup. The C1 in the test names corresponds to the Connectation Test Case values above. There are similar tests for the C2 and C3 test cases. For a given option (FITML URL XML), you will run all of the C1. C2 and C3 tests.

Option Name	With Form Processor	With Form Manager	
SDC HTML Package	SDC_Integrated_C1_HTML	SDC_Triangle_C1_HTML	
SDC URI Form	SDC_Integrated_C1_URI	SDC_Triangle_C1_URI	
SDC XML Package	SDC_Integrated_C1_XML	SDC_Triangle_C1_XML	

There exists a second class of tests defined for Auto Population and Pre Population. The test names for the C1 test case are listed in the grid below. Note:

- 1. You might run both the Auto-Pop and Pre-Pop tests. If the Form Filler supports both options, then both tests should be used.
- 2. The table below this the tests to the C1 use case. 3. The table below makes no mention of the HTML, URI or XML options. Rather than define a separate test case for all of the combinations, we will run the tests below and use the HTML. URI or XML option for uncoded. 4. There are separate tests for the C2 and C3 use cases.

Option Name With Form Processor		With Form Manager
SDC Auto-Pop	SDC_Integrated_C1_AutoPop	SDC_Triangle_C1_AutoPop
SDC Pre-Pop	SDC_Integrated_C1_PrePop	SDC_Triangle_C1_PrePop

There exists a third set of tests that are tied to profile options but not tied to the C1, C2, C3 use cases. These are tests for the Archive Form and Archive Source Documents options. See the grid below.

Option Name	Test		
Archive Form	RFD-based_Profiles_Archive_Form		
Archive Source Documents	SDC_Archive_SrcDocs		

Efficiency, Efficiency, Efficiency

We have defined a number of separate test cases that test the various SDC options. We do not have test definitions that combine these tests, but one can certainly see how you could perform the steps of a C1_XML test with those from an Archive_Form test. Please plan ahead and make good use of your time.

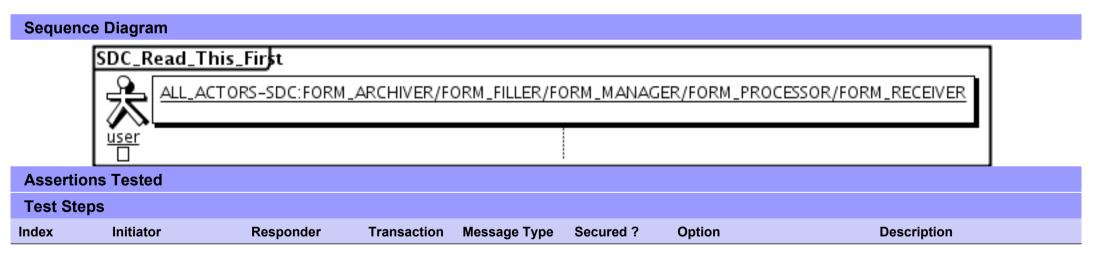
- Review the entire set of test definitions
- Understand which tests you can run in parallel. Do not be a slave to the exact test steps in each test.
- You will start and submit multiple tests in Gazelle.
- 1 or wm start and submit multiple tests in Gazelle.
 Explain to the monitor that you want to evaluate these "3" tests at the same time because you are exhibiting three different aspects of the SDC profile.
 It hight turn out that the monitor passes two tests but asks for more work on the third test. In that case, you should be able concentrate on that third test and know that the other two are complete.

Evaluation

Monitors: Change the status of this test to "Verified". There are no questions to ask of participants.

Test Participants								
Role in test : ALL_ACTORS-SDC	Option : R	Nb of instances: 1						
Actor: FORM_ARCHIVER	Profile : SDC	Option : NONE						
Actor: FORM_FILLER	Profile : SDC	Option : NONE						
Actor: FORM_MANAGER	Profile : SDC	Option : NONE						
Actor: FORM_PROCESSOR	Profile : SDC	Option : NONE						
Actor: FORM_RECEIVER	Profile : SDC	Option : NONE						

Test Step	s						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description



SDC Triangle C1 Auto Pop						
Test Summary						
Keyword :	SDC_Triangle_C1_AutoPop	Туре :	connectathon			
Name :	SDC Triangle C1 Auto Pop	Peer Type :	P2P_TEST			
Version :	NA2015	Status :	ready			
Author :	moores	Verified by :	Not verified			
Date of last modification :	2015-01-21 23:49:24.789183 by moores					
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2418				
Sequence Diagram link :	Sequence Diagram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12418					
Short Description :	Short Description : SDC, Form Manager + Form Filler + Form Receiver, Auto Pop					
-						

Description

This is a test of the SDC Auto-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Triangle_C1_HTML
- SDC_Triangle_C1_URI
- SDC_Triangle_C1_XML

The Form Filler retrieves a form and then populates one or more of the form values automatically from their application.

See the Test Steps and Evaluation for test requirements.

Evaluation

These are instructions to the Monitor.

- 1. The Form Filler is required to briefly document the fields that will be auto-populated. Examine the chat window and verify that the description is present. You will want to remember the elements when you visit the Form Filler.
- 2. Visit the Form Filler and ask to observe the process from start to finish. Ask the Form Filler to demonstrate how the auto-population works. It is possible that everything is automatic and hard to observe. Ask questions to make sure this is done with auto-population and not pre-population.

1. They are allowed to send a pre-pop document as part of this test. The auto-pop fields might or might not overlap with the pre-pop fields.

3. Visit the Form Receiver after the form has been submitted. Verify that values from the auto-pop process have carried forward to the submitted form.

Test Participants								
Role in test : FORM_FILLER-SDC-Auto-Pop	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_AUTO_POP					
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_MANAGER	Profile : SDC		Option : NONE					
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE					

Test	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_FILLER- SDC-Auto-Pop	FORM_FILLER- SDC-Auto-Pop		None	No	Required	Document briefly the elements that your application can complete using auto-population. Record this information in the chat window for the monitor to review.			
20	FORM_FILLER- SDC-Auto-Pop	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction.			
30	FORM_FILLER- SDC-Auto-Pop	FORM_FILLER- SDC-Auto-Pop		None	No	Required	Demonstrate for the monitor how your application auto-populates one or more form elements.			
100	FORM_FILLER- SDC-Auto-Pop	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form.			
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		NONE	No	Required	Demonstrate the received form. You should be able to show the elements that were completed with autopopulation.			

Sequence Diagram SDC_Triangle_C1_AutoPop 웄 FORM RECEIVER-SDC:FORM RECEIVER FORM MANAGER-SDC:FORM MANAGER FORM FILLER-SDC-Auto-Pop:FORM FILLER user Document briefly the elements that your application can complete using auto-population. Record this information in the chat window for the monitor to review. Initiate the ITI-34 Retrieve Form transaction. ITI-34 : SOAP Demonstrate for the monitor how your application auto-populates one or more form elements. Submit the completed form. ITI-35 : SOAP Demonstrate the received form. You should be able to show the elements that were completed with auto-population.

Assertions Tested

Test Ste	ps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC Triangle C1 HTML										
Test Summary											
Keyword :	SDC_Triangle_C1_HTML	Туре :	connectathon								
Name :	SDC Triangle C1 HTML	Peer Type :	P2P_TEST								
Version :	NA2015	Status :	ready								
Author :	moores	Verified by :	Not verified								
Date of last modification :	2016-01-22 03:57:18.61679 by moores										
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=1242	5									
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagr	am.seam?id=12425									
Short Description :	SDC, Form Manager + Form Receiver + Form I	Filler, Case 1, HTML Package									

This test corresponds to the "Adrenal" test case.

The default Form ID for this test is "Adrenal_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C1 corresponds to the "Adrenal" case.
- The Form Manager implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.

Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.
 - 1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

est Participants								
Role in test : FORM_FILLER-SDC-HTML-Pkg	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_HTML_PACKAGE					
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_MANAGER	Profile : SDC		Option : NONE					
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE					

Test \$	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.			
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.			
							Use the default Form ID if possible.			
20	FORM_FILLER- SDC-HTML-Pkg	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the HTML Package option.			
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL			
							Form Manager will respond with an XML form.			

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_html_package>. You can include surrounding XML if you wish (the more the better).</sdc_html_package>
							Form Filler uploads the XML including <sdc_html_package> into the test instance to make it available to the monitor.</sdc_html_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-HTML-Pkg	SDC-HTML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-HTML-Pkg	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.

Test	Test Steps										
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description				
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.				
	020	000					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.				
200	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Change the test status to "To be verified"				
210	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.				

Sequence Diagram

	FORM_MANAGER-	SDC:FORM_MANAGER	FORM_RECEIVER-S	DC:FORM_RECEIVER	FORM_FILLER-SDC-H	FML-Pkg:FORM_F
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Form Manager documen						
for this test by pasting th the chat window.	ne value in					
This is a documentation sure the Form Filler uses						
value. You do not need t	to pull the value					
from a log file. Just paste that you expect the Form	e the value n Filler to use					
Use the default Form ID	if possible.	ж				
Request a form using the	a documented Form	اللها				
ID and the HTML Packag	je option.					
These parts of the reque	est may or may					
not contain data:						
+ prepopData + worklfowData/archive	URL					
Form Manager will respo	and with an YMI					
form.	The with an Ame				,	
					ITI-34 : SOAP	
Form Manager captures	a idea of the	¢				1
ITI-34 Retrieve Form Re	quest as an					
extract from a log file or capture. Upload the scre	a screen					
this test instance or past	te the					
appropriate part of the I chat window.	og file in the					
The monitor needs to se fields in the request.	.e all of the					
		E.				
Form Filler extracts XML	from the	L4 -3				
response. Form Filler shi enough of the XML to inc	ould extract					
<sdc_html_package>. Y</sdc_html_package>	'ou can include					
surrounding XML if you v the better).	vish (the more					
Form Filler uploads the > <sdc_html_package> in</sdc_html_package>	(ML including					
instance to make it avail	able to the					
monitor.						
Do not submit XML into t	the chat window.					
Upload the XML as a file	<u>.</u>				>	`
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Render the form and ma	ake a screen					4
capture before you com	plete the form.					
Upload the screen captu	re into this test					
instance.						4
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Complete the form.						
When the monitor is pres	sent for					
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Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Triangle C1 Pre Pop										
Test Summary										
Keyword :	SDC_Triangle_C1_PrePop	Туре :	connectathon							
Name :	SDC Triangle C1 Pre Pop	Peer Type :	P2P_TEST							
Version :	NA2015	Status :	ready							
Author :	moores	Verified by :	Not verified							
Date of last modification :	2016-01-22 03:57:51.932352 by moores									
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2427								
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDi	agram.seam?id=12427								
Short Description :	SDC, Form Manager + Form Receiver + For	m Filler, Case 1, Pre Population								

Description

This is a test of the SDC Pre-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Triangle_C1_HTML
- SDC_Triangle_C1_URI
- SDC_Triangle_C1_XML

When the Form Filler sends the ITI-34 Retrieve Form transaction, include a pre-pop document with the request.

The Form Manager uses the pre-pop document to pre-populate one or more of the data fields in the form. The SDC profile does not specify the content of the pre-population form nor doest it define any mapping.

Evaluation

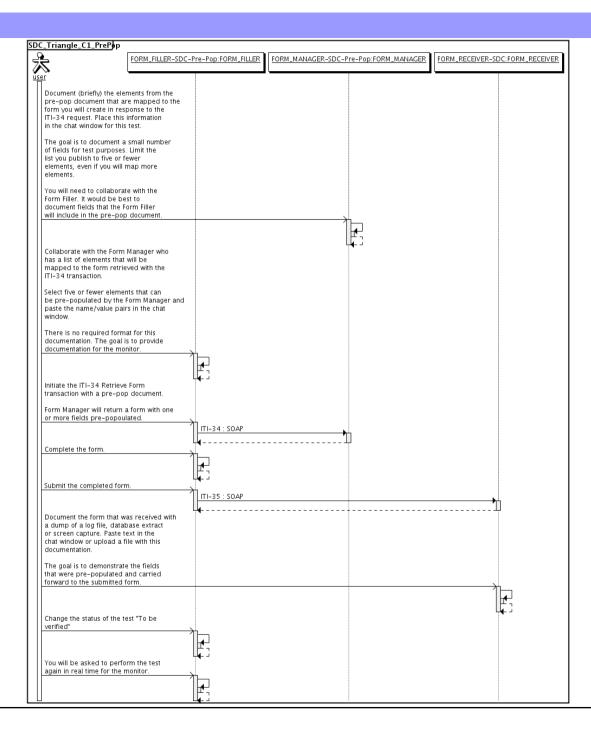
These are instructions to the Monitor.

- 1. The Form Manager is required to briefly document the fields that will be pre-populated with data from the Form Filler. Examine the chat window and verify that the description is present.
- 2. The Form Filler is required to document one or more values in the pre-pop document that will be used to pre-populate the form returned by the Form Manager. Examine the chat window and verify that the list of elements and values is included.
- 3. The Form Receiver is required to document the completed form. This can be in the chat window or as an uploaded file. Verify that the completed form is documented and shows the values that have been carried forward from the pre-pop document.
- 4. Visit the Form Filler and ask to observe the process from start to finish. Verify that the form returned by the Form Manager does have the pre-pop values in the form.
- 5. Visit the Form Receiver after the form has been submitted. Verify that values from the pre-pop document have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_MANAGER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_MANAGER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3	
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_MANAGER- SDC-Pre-Pop	FORM_MANAGER- SDC-Pre-Pop		None	No	Required	Document (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test. The goal is to document a small number of fields for
							test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.
							You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.
20	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Collaborate with the Form Manager who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.
							Select five or fewer elements that can be pre- populated by the Form Manager and paste the name/value pairs in the chat window.
							There is no required format for this documentation. The goal is to provide documentation for the monitor.
100	FORM_FILLER- SDC-Pre-Pop	FORM_MANAGER- SDC-Pre-Pop	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction with a pre-pop document.
							Form Manager will return a form with one or more fields pre-popoulated.
110	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Complete the form.
120	FORM_FILLER- SDC-Pre-Pop	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
130	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation. The goal is to demonstrate the fields that were pre- populated and carried forward to the submitted form.
200	FORM FILLER-	FORM FILLER-		None	No	Required	Change the status of the test "To be verified"
	SDC-Pre-Pop	SDC-Pre-Pop					
210	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	You will be asked to perform the test again in real time for the monitor.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Triangle C1 URI							
Test Summary							
Keyword :	SDC_Triangle_C1_URI	Туре :	connectathon				
Name :	SDC Triangle C1 URI	Peer Type :	P2P_TEST				
Version :	NA2015	Status :	ready				
Author :	moores	Verified by :	Not verified				
Date of last modification :	2016-01-22 03:56:26.711899 by moores						
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=1242	26					
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiag	ram.seam?id=12426					
Short Description: SDC, Form Manager + Form Receiver + Form Filler, Case 1, URI Form							

This test corresponds to the "Adrenal" test case.

The default Form ID for this test is "Adrenal_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C1 corresponds to the "Adrenal" case.
- The Form Manager implements the "SDC URI Form" option.

The pre-pop function is not tested explicitly here. If the testing partners want to include pre-pop testing, they can combine this test with the pre-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "<u>false</u>"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element <URL> within the response

2. Verify the presence of the <URL> element and that it contains a valid URL. Open it with a web browser. Make sure it does not take you to Amazon and ask for your credit card.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.

1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

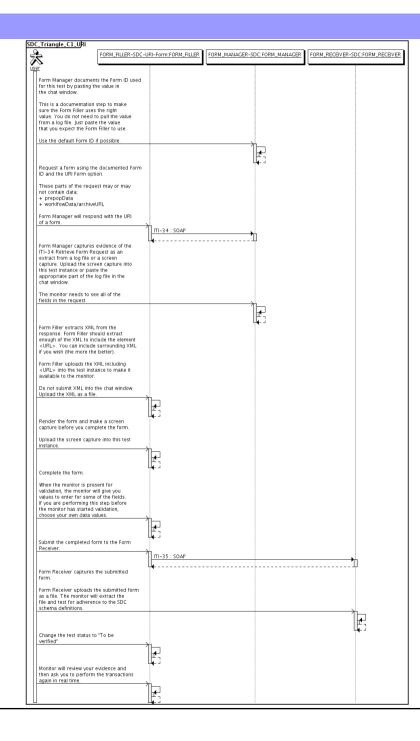
Test Participants			
Role in test : FORM_FILLER-SDC-URI-Form	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_URL_FORM
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3	
Actor: FORM_MANAGER	Profile : SDC		Option : NONE
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3	
Actor : FORM_RECEIVER	Profile : SDC		Option : NONE

Test	Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description		
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.		
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.		
							Use the default Form ID if possible.		
20	FORM_FILLER- SDC-URI-Form	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the URI Form option.		
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL		
							Form Manager will respond with the URI of a form.		

Test S	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <url>. You can include surrounding XML if you wish (the more the better).</url>
							Form Filler uploads the XML including <url> into the test instance to make it available to the monitor.</url>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Complete the form.
							When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-URI-Form	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
							Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.

Test S	Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description		
200	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Change the test status to "To be verified"		
210	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.		

Sequence Diagram



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

		SDC Triangle C1 XML							
Test Summary									
Keyword :	SDC_Triangle_C1_XML	Туре :	connectathon						
Name : S	SDC Triangle C1 XML	Peer Type :	P2P_TEST						
Version :	NA2015	Status :	ready						
Author: r	moores	Verified by :	Not verified						
Date of last modification : 2	2016-01-22 03:55:30.781453 by moores								
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=1242	24							
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiag	ram.seam?id=12424							
Short Description : S	Short Description: SDC, Form Manager + Form Receiver + Form Filler, Case 1, XML Package								

This test corresponds to the "Adrenal" test case.

The default Form ID for this test is "Adrenal_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C1 corresponds to the "Adrenal" case.
- The Form Manager implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element <form_package> returned does validate against the SDC schema that is included with the SDC profile.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Filler when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- $\ensuremath{\mathsf{3.Ask}}$ the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.
 - 1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

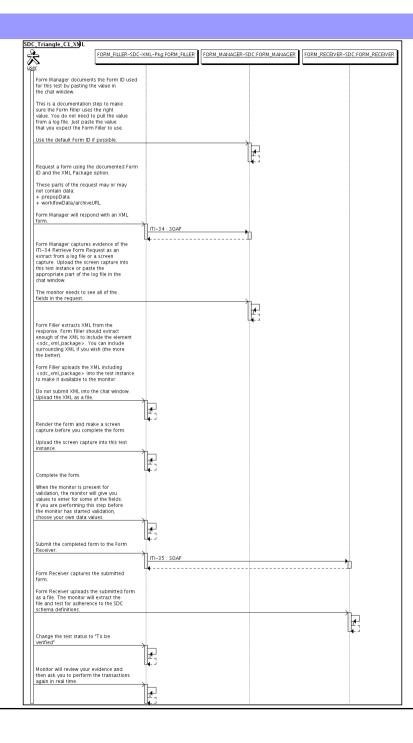
Test Participants							
Role in test : FORM_FILLER-SDC-XML-Pkg	Option : R	Nb of instances: 3					
Actor: FORM_FILLER	Profile : SDC		Option : SDC_XML_PACKAGE				
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3					
Actor: FORM_MANAGER	Profile : SDC		Option : NONE				
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3					
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE				

Test	Steps		Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description				
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.				
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.				
							Use the default Form ID if possible.				
20	FORM_FILLER- SDC-XML-Pkg	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the XML Package option.				
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL				
							Form Manager will respond with an XML form.				

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_xml_package>. You can include surrounding XML if you wish (the more the better).</sdc_xml_package>
							Form Filler uploads the XML including <sdc_xml_package> into the test instance to make it available to the monitor.</sdc_xml_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-XML-Pkg	SDC-XML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-XML-Pkg	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
	020	000					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.

Sequence Diagram



Assertio	Assertions Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC Triangle C2 HTML								
Test Summary									
Keyword :	SDC_Triangle_C2_HTML	Туре :	connectathon						
Name :	SDC Triangle C2 HTML	Peer Type :	P2P_TEST						
Version :	NA2016	Status :	ready						
Author :	moores	Verified by :	Not verified						
Date of last modification :	2016-01-22 04:06:10.972719 by moores								
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=128	351							
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDia	gram.seam?id=12851							
Short Description :	Short Description: SDC, Form Manager + Form Receiver + Form Filler, Case 1, HTML Package								

This test corresponds to the "Demographics" test case.

The default Form ID for this test is "Demographics_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C2 corresponds to the "Demographics" case.
- The Form Manager implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element <form_package> returned does validate against the SDC schema that is included with the SDC profile.

Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.
 - 1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants							
Role in test : FORM_FILLER-SDC-HTML-Pkg	Option : R	Nb of instances: 3					
Actor: FORM_FILLER	Profile : SDC		Option : SDC_HTML_PACKAGE				
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3					
Actor: FORM_MANAGER	Profile : SDC		Option : NONE				
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3					
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE				

Test \$	Steps	Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.			
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.			
							Use the default Form ID if possible.			
20	FORM_FILLER- SDC-HTML-Pkg	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the HTML Package option.			
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL			
							Form Manager will respond with an XML form.			

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_html_package>. You can include surrounding XML if you wish (the more the better).</sdc_html_package>
							Form Filler uploads the XML including <sdc_html_package> into the test instance to make it available to the monitor.</sdc_html_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-HTML-Pkg	SDC-HTML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-HTML-Pkg	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
	020	000					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.

Sequence Diagram

2	FORM_MANAGER-	SDC:FORM_MANAGER	FORM_RECEIVER-S	DC:FORM_RECEIVER	FORM_FILLER-SDC-H	FML-Pkg:FORM_F
(* [·		·		·	
Form Manager document						
for this test by pasting th the chat window.	₂ value in					
This is a documentation s						
sure the Form Filler uses	the right					
value. You do not need to from a log file. Just paste	the value					
that you expect the Form	Filler to use.					
Use the default Form ID it	possible.	*				
D		L F 3				
Request a form using the ID and the HTML Package	documented Form					
These parts of the reque	st may or may					
not contain data: + prepopData						
+ workifowData/archiveL	RL					
Form Manager will respo	id with an XML					
form.					ITI-34 : SOAP	
		1			111-34 : SUAP	
Form Manager captures e	vidence of the					ľ
ITI-34 Retrieve Form Rec extract from a log file or capture. Upload the scre	uest as an a screen					
this test instance or paste	the					
appropriate part of the lo chat window.	g file in the					
The monitor needs to see fields in the request.	all of the					
		L <u>F</u> 3				
Form Filler extracts XML 1 response. Form Filler sho	rom the	•				
enough of the XML to incl	ude the element					
<sdc_html_package>. Yo surrounding XML if you w</sdc_html_package>	u can include ish (the more					
the better).						
Form Filler uploads the X <sdc_html_package> int</sdc_html_package>	4L including					
instance to make it availa	ble to the					
monitor.						
Do not submit XML into the Upload the XML as a file.	ie chat window.					
opioad the Ame as a me.					>	h.
						E
Render the form and ma capture before you comp	ce a screen					•
Upload the screen captur instance.	a into this test					
					,	
						£3
Complete the form.						
When the monitor is pres	ent for					
validation, the monitor wi values to enter for some	l give you of the fields.					
If you are performing this the monitor has started v	alidation.					
choose your own data va	ues.				>	L
						H
Submit the completed for	m to the Ferm				1	le i
Receiver.	in to the Form				>	-
				rt	ITI-35 : SOAP	
Form Receiver captures t	ne submitted			¥		-
form.						
Form Receiver uploads th	e submitted form					
as a file. The monitor will file and test for adherence	e to the SDC					
schema definitions.				h		
				Het I		
Change the test status to	"To be			u k i		
verified"					>	_
					ĺ	t.
					l	F 3
1						
Monitor will review your e then ask you to perform t	vidence and he transactions					
Monitor will review your e then ask you to perform t again in real time.	vidence and he transactions					

Assertio	Assertions Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SDC Triangle C2 Pre Pop								
Test Summary									
Keyword :	SDC_Triangle_C2_PrePop	Туре :	connectathon						
Name :	SDC Triangle C2 Pre Pop	Peer Type :	P2P_TEST						
Version :	NA2016	Status :	ready						
Author :	moores	Verified by :	Not verified						
Date of last modification :	2016-01-22 04:20:39.300171 by moores								
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12	2852							
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDia	agram.seam?id=12852							
Short Description : SDC, Form Manager + Form Receiver + Form Filler, Case 1, Pre Population									

Description

This is a test of the SDC Pre-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Triangle_C2_HTML
- SDC_Triangle_C2_URI
- SDC_Triangle_C2_XML

When the Form Filler sends the ITI-34 Retrieve Form transaction, include a pre-pop document with the request.

The Form Manager uses the pre-pop document to pre-populate one or more of the data fields in the form. The SDC profile does not specify the content of the pre-population form nor does it define any mapping. The Form Filler and Form Manager should agree on the pre-pop document type. You will likely use a CCD.

Evaluation

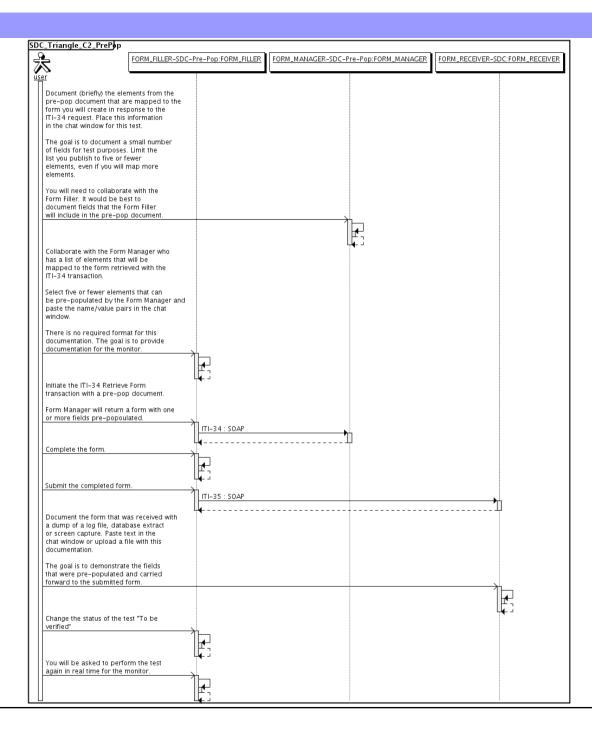
These are instructions to the Monitor.

- 1. The Form Manager is required to briefly document the fields that will be pre-populated with data from the Form Filler. Examine the chat window and verify that the description is present.
- 2. The Form Filler is required to document one or more values in the pre-pop document that will be used to pre-populate the form returned by the Form Manager. Examine the chat window and verify that the list of elements and values is included.
- 3. The Form Receiver is required to document the completed form. This can be in the chat window or as an uploaded file. Verify that the completed form is documented and shows the values that have been carried forward from the pre-pop document.
- 4. Visit the Form Filler and ask to observe the process from start to finish. Verify that the form returned by the Form Manager does have the pre-pop values in the form.
- 5. Visit the Form Receiver after the form has been submitted. Verify that values from the pre-pop document have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_MANAGER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_MANAGER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3	
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_MANAGER- SDC-Pre-Pop	FORM_MANAGER- SDC-Pre-Pop		None	No	Required	Document (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test. The goal is to document a small number of fields for
							test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.
							You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.
20	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Collaborate with the Form Manager who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.
							Select five or fewer elements that can be pre- populated by the Form Manager and paste the name/value pairs in the chat window.
							There is no required format for this documentation. The goal is to provide documentation for the monitor.
100	FORM_FILLER- SDC-Pre-Pop	FORM_MANAGER- SDC-Pre-Pop	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction with a pre-pop document.
							Form Manager will return a form with one or more fields pre-popoulated.
110	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Complete the form.
120	FORM_FILLER- SDC-Pre-Pop	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form.

Test	Test Steps										
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description				
130	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation. The goal is to demonstrate the fields that were pre- populated and carried forward to the submitted form.				
200	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Change the status of the test "To be verified"				
210	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	You will be asked to perform the test again in real time for the monitor.				



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Triangle C2 URI								
Test Summary								
Keyword :	SDC_Triangle_C2_URI	Туре :	connectathon					
Name :	SDC Triangle C2 URI	Peer Type :	P2P_TEST					
Version :	NA2016	Status :	ready					
Author :	moores	Verified by :	Not verified					
Date of last modification :	2016-01-22 04:03:24.684648 by moores							
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=1285	0						
Sequence Diagram link :	uence Diagram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12850							
Short Description :	Short Description : SDC, Form Manager + Form Receiver + Form Filler, Case 1, URI Form							

This test corresponds to the "Demographics" test case.

The default Form ID for this test is "Demographics_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C2 corresponds to the "Demographics" case.
- The Form Manager implements the "SDC URI Form" option.

The pre-pop function is not tested explicitly here. If the testing partners want to include pre-pop testing, they can combine this test with the pre-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "false"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element <URL> within the response

2. Verify the presence of the <URL> element and that it contains a valid URL. Open it with a web browser. Make sure it does not take you to Amazon and ask for your credit card.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.

3. Ask the Form Filler to submit the form.

- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.

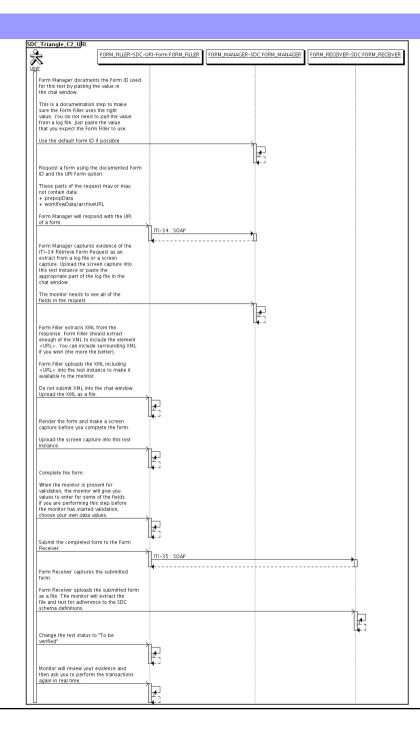
1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants								
Role in test : FORM_FILLER-SDC-URI-Form	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_URL_FORM					
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_MANAGER	Profile : SDC		Option : NONE					
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE					

Test \$	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.			
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.			
							Use the default Form ID if possible.			
20	FORM_FILLER- SDC-URI-Form	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the URI Form option.			
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL			
							Form Manager will respond with the URI of a form.			

Test S	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <url>. You can include surrounding XML if you wish (the more the better).</url>
							Form Filler uploads the XML including <url> into the test instance to make it available to the monitor.</url>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Complete the form.
	SDC-URI-FUIII	SDC-ORI-FOIIII					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-URI-Form	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
	300	300					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.

Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description		
200	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Change the test status to "To be verified"		
210	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.		



Assertio	Assertions Tested							
Test Ste	Test Steps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	

Test Summary										
	Test Summary									
Keyword : SD	DC_Triangle_C2_XML	Type :	connectathon							
Name : SD	DC Triangle C2 XML	Peer Type :	P2P_TEST							
Version : NA	A2016	Status :	ready							
Author: mo	oores	Verified by :	Not verified							
Date of last modification: 20	016-01-22 03:54:39.997266 by moores									
Test permanent link : htt	tps://gazelle.ihe.net/GMM/test.seam?id=12849)								
Sequence Diagram link : htt	tps://gazelle.ihe.net/GMM/testSequenceDiagra	m.seam?id=12849								
Short Description : SD	DC, Form Manager + Form Receiver + Form Fi	iller, Case 1, XML Package								

This test corresponds to the "Demographics" test case.

The default Form ID for this test is "Demographics_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C2 corresponds to the "Demographics" case.
- The Form Manager implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element <form_package> returned does validate against the SDC schema that is included with the SDC profile.

Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

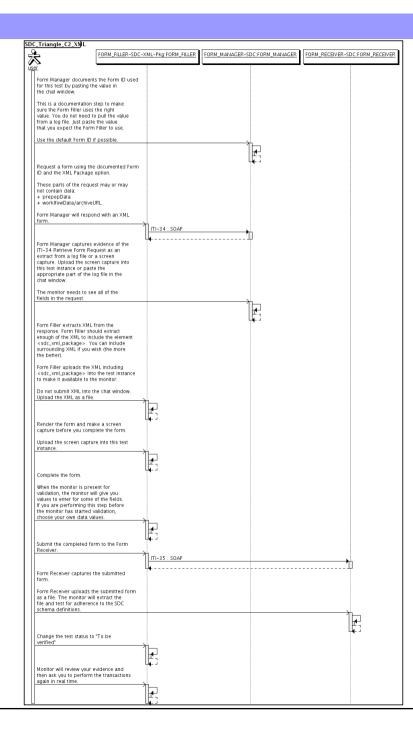
- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.
 - 1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants								
Role in test : FORM_FILLER-SDC-XML-Pkg	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_XML_PACKAGE					
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_MANAGER	Profile : SDC		Option : NONE					
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE					

Test	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.			
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.			
							Use the default Form ID if possible.			
20	FORM_FILLER- SDC-XML-Pkg	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the XML Package option.			
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL			
							Form Manager will respond with an XML form.			

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_xml_package>. You can include surrounding XML if you wish (the more the better).</sdc_xml_package>
							Form Filler uploads the XML including <sdc_xml_package> into the test instance to make it available to the monitor.</sdc_xml_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-XML-Pkg	SDC-XML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-XML-Pkg	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
	020	000					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.



Assertio	Assertions Tested							
Test Ste	Test Steps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	

	SDC Triangle C4 HTML									
Test Summary										
Keyword :	SDC_Triangle_C4_HTML	Type :	connectathon							
Name :	SDC Triangle C4 HTML	Peer Type :	: P2P_TEST							
Version :	NA2016	Status :	: ready							
Author :	moores	Verified by :	: Not verified							
Date of last modification :	2016-01-22 04:22:29.128353 by moores									
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12857									
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=1285	57								
Short Description :	SDC, Form Manager + Form Receiver + Form Filler, Case 1, HTM	1L Package								
-		-								

This test corresponds to the "Reportable Disease" test case.

The default Form ID for this test is "Reportable Disease_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C4 corresponds to the "Reportable Disease" case.
- The Form Manager implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.

Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.
 - 1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

est Participants								
Role in test : FORM_FILLER-SDC-HTML-Pkg	Option : R	Nb of instances: 3						
Actor: FORM_FILLER	Profile : SDC		Option : SDC_HTML_PACKAGE					
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_MANAGER	Profile : SDC		Option : NONE					
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3						
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE					

Test \$	Steps	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description				
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.				
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.				
							Use the default Form ID if possible.				
20	FORM_FILLER- SDC-HTML-Pkg	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the HTML Package option.				
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL				
							Form Manager will respond with an XML form.				

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_html_package>. You can include surrounding XML if you wish (the more the better).</sdc_html_package>
							Form Filler uploads the XML including <sdc_html_package> into the test instance to make it available to the monitor.</sdc_html_package>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.
	SDC-HTML-Pkg	SDC-HTML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-HTML-Pkg	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
	020	000					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.
200	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-HTML-Pkg	FORM_FILLER- SDC-HTML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.

r Form Manager documents				·	
for this test by pasting the the chat window.	value m				
This is a documentation s					
sure the Form Filler uses t value. You do not need to	pull the value				
from a log file. Just paste that you expect the Form	the value Filler to use.				
Use the default Form ID if	possible.				
Request a form using the	documented Form	L a t 3			
ID and the HTML Package	option.				
These parts of the reques not contain data:	t may or may				
+ prepopData + worklfowData/archiveU					
Form Manager will respon					
form.	u with an AML				
		ht	 	ITI-34 : SOAP	
Form Manager captures e	vidence of the	<u> </u>	 		
ITI-34 Retrieve Form Req extract from a log file or a capture. Upload the scree	uest as an Iscreen				
this test instance or paste	the				
appropriate part of the lo chat window.	g file in the				
The monitor needs to see	all of the				
fields in the request.		1-			
Form Filler extracts XML fi	om the	4 -3			
response. Form Filler shou enough of the XML to inclu	ide the element				
<sdc_html_package>. Yo surrounding XML if you wi</sdc_html_package>	u can include sh (the more				
the better).					
Form Filler uploads the XM <sdc_html_package> into</sdc_html_package>	L including				
instance to make it availal monitor.	ble to the				
Do not submit XML into th	o chat window				
Upload the XML as a file.	e chat which w				
					£.
Render the form and mak	e a screen			l	4
capture before you compl					
Upload the screen capture instance.	e into this test				
				l	L 3
Complete the form.					
When the monitor is prese validation, the monitor wil values to enter for some of	nt for I give you				
If you are performing this	step before				
the monitor has started va choose your own data val	didation.				
·				1	
				l	4 3
Submit the completed for Receiver.	n to the Form				
			4	ITI-35 : SOAP	
Form Receiver captures th	e submitted		4		-
form.					
Form Receiver uploads th as a file. The monitor will file and test for adherence	e submitted form extract the				
file and test for adherence schema definitions.	to the SDC				
			 F .		
Channel and a second	T - h -		4 3		
Change the test status to verified"	10 be				
				1	4
				l	4 3
Monitor will review your or					
Monitor will review your e then ask you to perform t again in real time.	ndence and ne transactions				

Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

SDC Triangle C4 Pre Pop								
Test Summary								
Keyword :	SDC_Triangle_C4_PrePop	Туре :	connectathon					
Name :	SDC Triangle C4 Pre Pop	Peer Type :	P2P_TEST					
Version :	NA2016	ready						
Author :	moores	Verified by :	Not verified					
Date of last modification :	2016-01-22 04:23:43.628625 by moores							
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12858	3						
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagra	am.seam?id=12858						
Short Description :	Short Description : SDC, Form Manager + Form Receiver + Form Filler, Case 1, Pre Population							

Description

This is a test of the SDC Pre-Pop option on the Form Filler in the SDC profile.

Run this test in parallel with one of:

- SDC_Triangle_C4_HTML
- SDC_Triangle_C4_URI
- SDC_Triangle_C4_XML

When the Form Filler sends the ITI-34 Retrieve Form transaction, include a pre-pop document with the request.

The Form Manager uses the pre-pop document to pre-populate one or more of the data fields in the form. The SDC profile does not specify the content of the pre-population form nor does it define any mapping. The Form Filler and Form Manager should agree on the pre-pop document type. You will likely use a CCD.

Evaluation

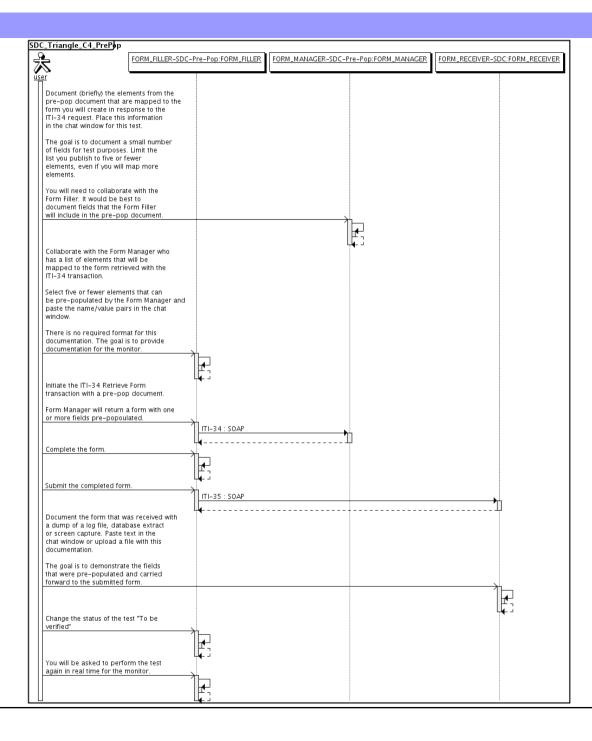
These are instructions to the Monitor.

- 1. The Form Manager is required to briefly document the fields that will be pre-populated with data from the Form Filler. Examine the chat window and verify that the description is present.
- 2. The Form Filler is required to document one or more values in the pre-pop document that will be used to pre-populate the form returned by the Form Manager. Examine the chat window and verify that the list of elements and values is included.
- 3. The Form Receiver is required to document the completed form. This can be in the chat window or as an uploaded file. Verify that the completed form is documented and shows the values that have been carried forward from the pre-pop document.
- 4. Visit the Form Filler and ask to observe the process from start to finish. Verify that the form returned by the Form Manager does have the pre-pop values in the form.
- 5. Visit the Form Receiver after the form has been submitted. Verify that values from the pre-pop document have carried forward to the submitted form.

Test Participants			
Role in test : FORM_FILLER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_MANAGER-SDC-Pre-Pop	Option : R	Nb of instances: 3	
Actor: FORM_MANAGER	Profile : SDC		Option : SDC_PRE_POP
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3	
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
10	FORM_MANAGER- SDC-Pre-Pop	FORM_MANAGER- SDC-Pre-Pop		None	No	Required	Document (briefly) the elements from the pre-pop document that are mapped to the form you will create in response to the ITI-34 request. Place this information in the chat window for this test. The goal is to document a small number of fields for
							test purposes. Limit the list you publish to five or fewer elements, even if you will map more elements.
							You will need to collaborate with the Form Filler. It would be best to document fields that the Form Filler will include in the pre-pop document.
20	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Collaborate with the Form Manager who has a list of elements that will be mapped to the form retrieved with the ITI-34 transaction.
							Select five or fewer elements that can be pre- populated by the Form Manager and paste the name/value pairs in the chat window.
							There is no required format for this documentation. The goal is to provide documentation for the monitor.
100	FORM_FILLER- SDC-Pre-Pop	FORM_MANAGER- SDC-Pre-Pop	ITI-34	SOAP	No	Required	Initiate the ITI-34 Retrieve Form transaction with a pre-pop document.
							Form Manager will return a form with one or more fields pre-popoulated.
110	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Complete the form.
120	FORM_FILLER- SDC-Pre-Pop	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form.

Test	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
130	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Document the form that was received with a dump of a log file, database extract or screen capture. Paste text in the chat window or upload a file with this documentation. The goal is to demonstrate the fields that were pre- populated and carried forward to the submitted form.
200	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	Change the status of the test "To be verified"
210	FORM_FILLER- SDC-Pre-Pop	FORM_FILLER- SDC-Pre-Pop		None	No	Required	You will be asked to perform the test again in real time for the monitor.



Assertio	ons Tested						
Test Ste	eps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description

	SI	DC Triangle C4 URI				
Test Summary						
Keyword :	SDC_Triangle_C4_URI	Туре :	connectathon			
Name :	SDC Triangle C4 URI	Peer Type :	P2P_TEST			
Version :	NA2016	Status :	ready			
Author :	moores	Verified by :	Not verified			
Date of last modification :	2016-01-22 04:25:08.880876 by moores					
Test permanent link :	https://gazelle.ihe.net/GMM/test.seam?id=12859)				
Sequence Diagram link :	https://gazelle.ihe.net/GMM/testSequenceDiagra	am.seam?id=12859				
Short Description: SDC, Form Manager + Form Receiver + Form Filler, Case 1, URI Form						

This test corresponds to the "Reportable Disease" test case.

The default Form ID for this test is "Reportable Disease_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C4 corresponds to the "Reportable Disease" case.
- The Form Manager implements the "SDC URI Form" option.

The pre-pop function is not tested explicitly here. If the testing partners want to include pre-pop testing, they can combine this test with the pre-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "<u>false</u>"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element <URL> within the response

2. Verify the presence of the <URL> element and that it contains a valid URL. Open it with a web browser. Make sure it does not take you to Amazon and ask for your credit card.

- 4. Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
- 5. Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.

3. Ask the Form Filler to submit the form.

4. Visit the Form Receiver.

5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.

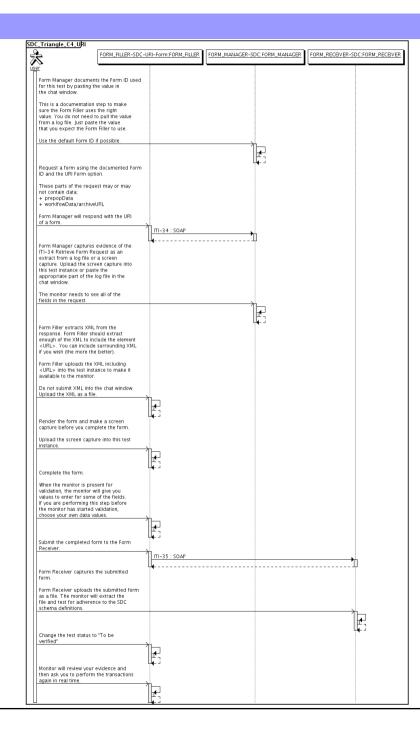
1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants			
Role in test : FORM_FILLER-SDC-URI-Form	Option : R	Nb of instances: 3	
Actor: FORM_FILLER	Profile : SDC		Option : SDC_URL_FORM
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3	
Actor: FORM_MANAGER	Profile : SDC		Option : NONE
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3	
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE

Test \$	Steps	Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.			
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.			
							Use the default Form ID if possible.			
20	FORM_FILLER- SDC-URI-Form	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the URI Form option.			
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL			
							Form Manager will respond with the URI of a form.			

Test S	Steps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.
							The monitor needs to see all of the fields in the request.
40	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <url>. You can include surrounding XML if you wish (the more the better).</url>
							Form Filler uploads the XML including <url> into the test instance to make it available to the monitor.</url>
							Do not submit XML into the chat window. Upload the XML as a file.
50	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Render the form and make a screen capture before you complete the form.
							Upload the screen capture into this test instance.
60	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Complete the form.
							When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.
100	FORM_FILLER- SDC-URI-Form	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.
							Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.

Test S	teps						
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description
200	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Change the test status to "To be verified"
210	FORM_FILLER- SDC-URI-Form	FORM_FILLER- SDC-URI-Form		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.



Assertions Tested								
Test Ste	eps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	

SDC Triangle C4 XML								
	Test Summary							
tathon	Keyword : SDC_Triangle_C4_XML							
EST	Name : SDC Triangle C4 XML Pe							
	Version : NA2016							
rified	Author: moores Ve							
	Date of last modification: 2016-01-22 04:26:53.797662 by moores							
	Test permanent link : https://gazelle.ihe.net/GMM/test.seam?id=12860							
	Sequence Diagram link : https://gazelle.ihe.net/GMM/testSequenceDiagram.seam?id=12860							
	Short Description: SDC, Form Manager + Form Receiver + Form Filler, Case 1, XML Pack							
Sequence Diagram link : https://gazelle.ine.net/GMM/testSequenceDiagram.seam?id=12860 Short Description : SDC, Form Manager + Form Receiver + Form Filler, Case 1, XML Package								

This test corresponds to the "Reportable Disease" test case.

The default Form ID for this test is "Reportable Disease_xml". The Form Manager may substitute a different Form ID. One of the test steps will require the Form Manager to document the Form ID that is used (default or not).

Description

This is a test of the SDC profile that combines these factors:

- Separate Form Manager and Form Receiver actors are used; these must not be the same system.
- Case C4 corresponds to the "Reportable Disease" case.
- The Form Manager implements the "SDC XML Package" option.

The pre-pop and auto-pop functions are not tested explicitly here. If the testing partners want to include pre-pop or auto-pop testing, they can combine this test with the pre-pop and auto-pop tests as appropriate. That is, do the work once and use the evidence to satisfy multiple test instances.

Please refer to the test steps and Evaluation section for requirements.

Evaluation

These are instructions to the monitor. Participants should read this section to understand how the monitor will evaluate this test.

If any of the items below are not completed successfully, including any documentation items:

- Fail the individual test step in Gazelle (if there is a direct test step that is appropriate)
- Add a comment in the chat window for the test that explains why you do not believe the step or test has been properly completed.
- · Change the test status to "Partially verified." This is a signal to the participants to review your comments.

You can begin the evaluation before you visit the test partners:

- 1. Examine the chat window. Verify that the Form Manager has included the Form ID. They are not required to use the default value, but they are required to document the value used for the test.
- 2. Examine the chat window or other screen capture provided by the Form Manager as documentation of the ITI-34 Request Form transaction. You need to verify the following items in the request:
 - 1. prepopData: Assumed to be nil but may include data if the Form Filler provides it.
 - 2. workflowData/formID: This must match the value documented by the Form Manager.
 - 3. workflowData/encodedResponse: shall be "true"
 - 4. workflowData/archiveURL: Assumed to be the null string, but may specify a Form Archiver
 - 5. workflowData/context: Undefined
 - 6. workflowData/instanceID: There is no prior form; shall be nil.

3. Examine the ITI-34 response data that was uploaded by the Form Filler.

1. Locate the element < form_package> within the response

2. Use OxygenXML or some other XML tool to verify that the element < form_package> returned does validate against the SDC schema that is included with the SDC profile.

Examine the screen capture uploaded by the Form Filler. The goal is to familiarize yourself with the form. Make notes on values you would like to place in some of the fields as test data. You are going to ask the Form Filler to enter these values and will later verify that they have been carried forward to the Form Receiver when the form is submitted.
 Examine the completed form that was submitted by the Form Filler to the Form Receiver. The Form Receiver should have uploaded the form as a file, not in the chat window.

1. Use OxygenXML or some other XML tool to verify that the form returned does validate against the SDC schema that is included with the SDC profile.

Now that you have validated the transactions that were recorded by the participants, you should visit the participants and ask them to run the transactions again for you in real time. This is what you need to do/observe.

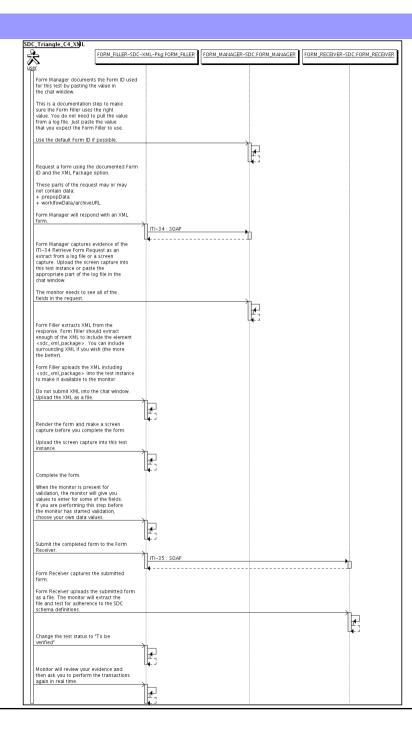
- 1. Observe the Form Filler initiate the request to retrieve a form. This may be an automated process, and there might not be any overt human action.
- 2. The Form Filler will render the form for you. Using your notes from above, suggest test values for some of the fields.
- 3. Ask the Form Filler to submit the form.
- 4. Visit the Form Receiver.
- 5. Ask the Form Receiver to retrieve the submitted form and show it to you. There is no requirement that the submitted data is shown through a formal user interface. The Form Receiver can show you the data in a text editor if that is all they have.
 - 1. Examine the submitted form and compare the data values to those you submitted at the Form Filler. Those values must match.

Test Participants							
Role in test : FORM_FILLER-SDC-XML-Pkg	Option : R	Nb of instances: 3					
Actor: FORM_FILLER	Profile : SDC		Option : SDC_XML_PACKAGE				
Role in test : FORM_MANAGER-SDC	Option : R	Nb of instances: 3					
Actor: FORM_MANAGER	Profile : SDC		Option : NONE				
Role in test : FORM_RECEIVER-SDC	Option : R	Nb of instances: 3					
Actor: FORM_RECEIVER	Profile : SDC		Option : NONE				

Test Steps								
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	
10	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager documents the Form ID used for this test by pasting the value in the chat window.	
							This is a documentation step to make sure the Form Filler uses the right value. You do not need to pull the value from a log file. Just paste the value that you expect the Form Filler to use.	
							Use the default Form ID if possible.	
20	FORM_FILLER- SDC-XML-Pkg	FORM_MANAGER- SDC	ITI-34	SOAP	No	Required	Request a form using the documented Form ID and the XML Package option.	
							These parts of the request may or may not contain data: + prepopData + worklfowData/archiveURL	
							Form Manager will respond with an XML form.	

Test	Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description			
30	FORM_MANAGER- SDC	FORM_MANAGER- SDC		None	No	Required	Form Manager captures evidence of the ITI-34 Retrieve Form Request as an extract from a log file or a screen capture. Upload the screen capture into this test instance or paste the appropriate part of the log file in the chat window.			
							The monitor needs to see all of the fields in the request.			
40	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Form Filler extracts XML from the response. Form Filler should extract enough of the XML to include the element <sdc_xml_package>. You can include surrounding XML if you wish (the more the better).</sdc_xml_package>			
							Form Filler uploads the XML including <sdc_xml_package> into the test instance to make it available to the monitor.</sdc_xml_package>			
_							Do not submit XML into the chat window. Upload the XML as a file.			
50	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Render the form and make a screen capture before you complete the form.			
							Upload the screen capture into this test instance.			
60	FORM_FILLER-	FORM_FILLER-		None	No	Required	Complete the form.			
	SDC-XML-Pkg	SDC-XML-Pkg					When the monitor is present for validation, the monitor will give you values to enter for some of the fields. If you are performing this step before the monitor has started validation, choose your own data values.			
100	FORM_FILLER- SDC-XML-Pkg	FORM_RECEIVER- SDC	ITI-35	SOAP	No	Required	Submit the completed form to the Form Receiver.			

Test Steps									
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description		
110	FORM_RECEIVER- SDC	FORM_RECEIVER- SDC		None	No	Required	Form Receiver captures the submitted form.		
	020	000					Form Receiver uploads the submitted form as a file. The monitor will extract the file and test for adherence to the SDC schema definitions.		
200	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Change the test status to "To be verified"		
210	FORM_FILLER- SDC-XML-Pkg	FORM_FILLER- SDC-XML-Pkg		None	No	Required	Monitor will review your evidence and then ask you to perform the transactions again in real time.		



Assertions Tested								
Test Ste	eps							
Index	Initiator	Responder	Transaction	Message Type	Secured ?	Option	Description	