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IHE
EUROPE

Integrating
the Healthcare
Enterprise

EXPAND - Project IHE-EUROPE

EXPANDathon Pre-EXPANDathon testing

EXPANDathon – 09 to 11 December, Lison

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EXPAND

Expanding Health Data Interoperability Services

■ Table of content

1 INTRODUCTION3

2 GETTING THE LIST OF TEST TO BE PERFORMED.....4

3 RETURN LOGS FOR PERFORMED TESTS6

1 Introduction

Testing before IHE Connectathons is a requirement and is achieved using software written by several different organizations

An index to all available tools for testing IHE profiles is provided at the following URL: http://wiki.ihe.net/index.php?title=IHE_Test_Tool_Information

Gazelle helps Connectathon participants manage the pre-connectathon test.

- Based on the system declared list of actors and profiles, Gazelle will identify the list of test that needs to be executed.
- Gazelle provides information about the location of the documentation of the tests
- Gazelle provides a mechanism for a participant to return the test logs and for a connectathon manager to grade the returned logs.

2 Getting the list of test to be performed

This screen capture presents the Pre-connectathon test overview page in gazelle. The page is accessed through the menu : **Connectathon->Pre-Connectathon Testing.**

System keyword	System/Product name (Version)	Number of tests to do	To complete	Completed	Verified
XDSb_REG_IHEUSA_2014	Registry JustForTest	51	51	0	0
OTHER_IHEUSA_1	Moore - Test (1)	0	0	0	0
OF_IHEUSA_config training	Configuration Training	10	10	0	0
OTHER_IHEUSA_Example 2015	Example NA2015 (1)	16	8	5	3
PAT_DEVICE_IHEUSA_0	PCD ACM test product (1.0)	6	6	0	0
PAT_DEVICE_IHEUSA_PRS_test	PCD test system (1.0)	11	11	0	0
OTHER_IHEUSA_COPY_0	Test, not a participant_COPY_0	17	17	0	0

It shows the list of systems registered by the Organization, and for each system :

- the number of tests to do
- the number of tests to complete
- the number of tests verified

Click on the link in the: "Number of tests to do" column in order to view the detailed list of test to be executed for each system:

Test	Integration Profile	Actor	Int Prof. option	Option	Status	Action
10900	CT	TIME_CLIENT	NONE	R		Return log file
10911	CT	TIME_CLIENT	NONE	R		Return log file
11106	ATNA	SN	NONE	R		Return log file
11107	ATNA	SN	NONE	R		Return log file
111	ATNA: Syslog Message Browser test	SN		R		Return log file
11807	DOC_REGISTR	DOC_REGISTR		R		Return log file
11898	XDS.b	DOC_REGISTR		R		Return log file

If you have a long list of tests, use the filters at the top.

Each row in the table represents one pre-Connectathon test and contains:

- **a test identifier**, usually a number. Hover your mouse over the test number to see a tooltip containing the test name
- **a globe icon** which is a link to the detailed description for the test. These test descriptions exist on several different websites, depending on the tool used.
- the profile, actor, and option the test applies to
- **Optionality**. R=the pre-Connectathon test is required. O=the pre-Connectathon test is optional.
- **Status** of the test
 - Running--you are still working on it
 - Verified by vendor--you have run the test, confirmed that the results are good, and uploaded evidence of that result (eg a log file, screen shot)
 - Completed, with errors--you have run the test, but some problems occurred--either with the tool or with your implementation. You have made a comment in the test explaining the error.
 - Supportive--you have registered for supportive testing. Selecting this status is a signal to connectathon management that you are choosing to skip this test (but you could perform it if you wish).
- A link to enable you to "**Return a log file**"

To learn how to submit results for a pre-Connectathon test, click on "Return logs for performed tests" below.

3 Return logs for performed tests

The general process for performing a pre-Connectathon test instance is:

1. **Read the Test Description** (test steps). This is found by clicking the globe icon in the test.
2. **Access the tool used for this test** (if applicable). An index to all IHE tools is here: http://wiki.ihe.net/index.php?title=IHE_Test_Tool_Information
3. **Perform the test.**
4. **Capture evidence of your success**; this may be a log file output by the tool, a screen capture showing success, or a text file you create that describes your successful result.
5. **Upload the result file into gazelle** using the 'Upload a file' button. You can 'drag and drop' a file onto the button, or use your file browser to select the file.
6. **Change the status of the test**
 - *Running*: you are still working on it
 - *Verified by vendor*: you have run the test, confirmed that the results are good, and uploaded evidence of that result (eg a log file, screen shot)
 - *Completed, with errors*: you have run the test, but some problems occurred--either with the tool or with your implementation. You have made a comment in *the test explaining the error*.
 - *Supportive*: you have registered for supportive testing. Selecting this status is a signal to connectathon management that you are choosing to skip this test (but you could perform it if you wish).

This screen capture presents a sample pre-Connectathon test instance in gazelle:

Instance of test : ATNA: Syslog Message Browser test (11107)

Back to previous page

Test 11107-ATNA: Syslog Message Browser test [Link to the detailed test description](#)

System XDSb_REG_IHEUSA_2014
Integration profile IntegrationProfile ATNA-Audit Trail and Node Authentication
Actor Actor SN-Secure Node
Last changed ...esaTestInstance.seam?id=65158
Permanent Link
Status* Please Select...
✓ Running
Verified by vendor
Completed with errors
Supportive

Uploaded files info
No files currently uploaded

Log return:
You can download only files which have these extensions : jpg, gif, png, bmp, tiff, pdf, log, txt, rtf, csv, zip, tar, xsd, xml, dtd, xls, xlsx, doc, docx, dot.
[Upload a file \(click or drop\)](#)

Comments
10/20/14 12:55:43 PM (GMT-05:00) : LynnVendorAdmin (IHEUSA) Status changed to : Running

This 'Comments' section tracks the status changes to this test. It is also a place for the vendor or connectathon manager to enter comments about the test, e.g. to report problems with a tool or to explain an error in the results uploaded.