

Pan-Canadian Projectathon

Pre-Projectathon Webinar
17-02-2022



Canada Health Infoway
Inforoute Santé du Canada

Souleymane THIAM – IHE Catalyst

- Welcome, Update and Reminders
- Overview of PS-CA Testing Tools
- Projectathon Planning
- Projectathon Phases
- Demonstration 1: Pre-Projectathon Tests in Gazelle TM
- Pre-Projectathon Activities
- Pre-Projectathon Prerequisites
- Demonstration 2: Demo Gazelle tools (EVS Client, XDStartClient, Proxy)
- Q&A



- Profiles, Simulators, Validators some exist, some under development
- Self testing for CA:FeX under development, about a week out
- The Hitchhikers guide to Projectathon
- A full agenda with daily activities and communications to participants
- Data and Clinical Scenarios
- Communication channels – Forum, email (Tech/Infoway)

Some vendor systems not yet registered!

Systems registration extended to Monday, Feb. 21st
Please catch up!

If support is needed please reach out to our technical team, we can help!

Overview of PS-CA Testing Tools



Infoway developed a series of tools to support Pre-Projectathon activities for the March 2022 Projectathon:

- OpenAPI
- Test Data Generator
- PS-CA FHIR Renderer



- OpenAPI definition of the APIs supporting the PS-CA MHD and CA:FeX profiles;
- Improved Swagger UI documenting the APIs and allowing users to run PS-CA transactions against a test back-end;
- The test back-end is also used as a simulator of the server-side Document Recipient and Document Responder actors;
- The Swagger UI allows selecting the API endpoint to connect to, allowing simulation of the Document Source and Document Consumer actors;
- Web URL: <https://ps-swagger.apibox.ca>



- Excel spreadsheet template to author test data;
- Test Data Generator tool converts the Excel data into structured FHIR PS-CA (JSON or XML);
- Several clinical scenarios have been modeled using the Test Data Generator and are shared for reference;
- A “Christmas Tree Document”, with most of the PS-CA data points populated is available in Excel, JSON and XML format

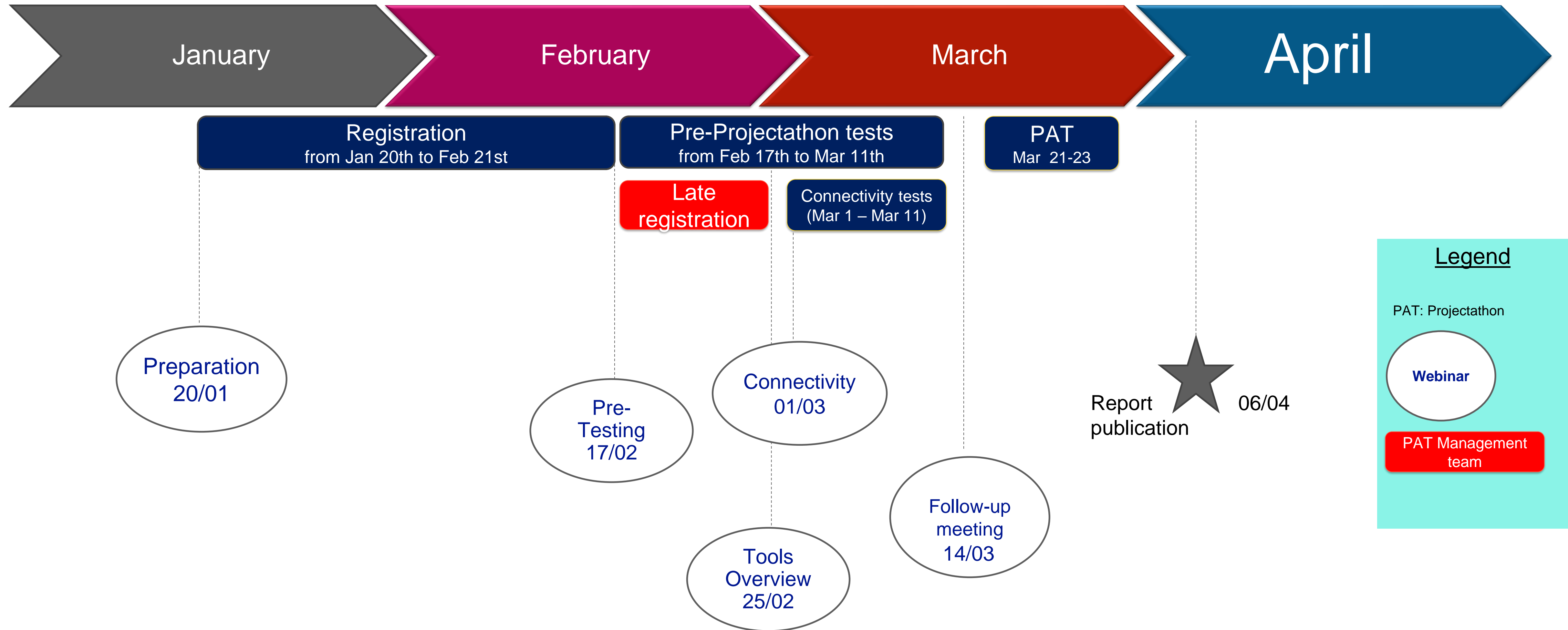
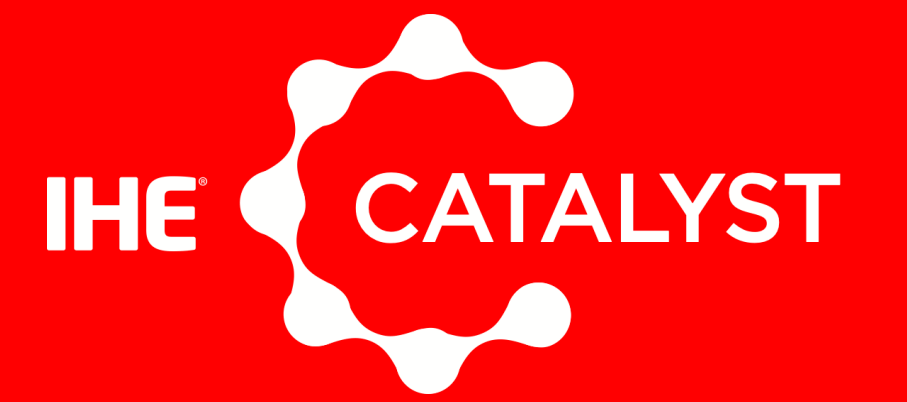


- Web application that reads a structured PS-CA JSON instance and renders it in human readable format
- Allows verification of the PS-CA FHIR instances against source data;
- Performs basic validation of the FHIR instances (structural, with no terminology binding checks);
- Web URL: <https://ps-ca-renderer.apibox.ca/>

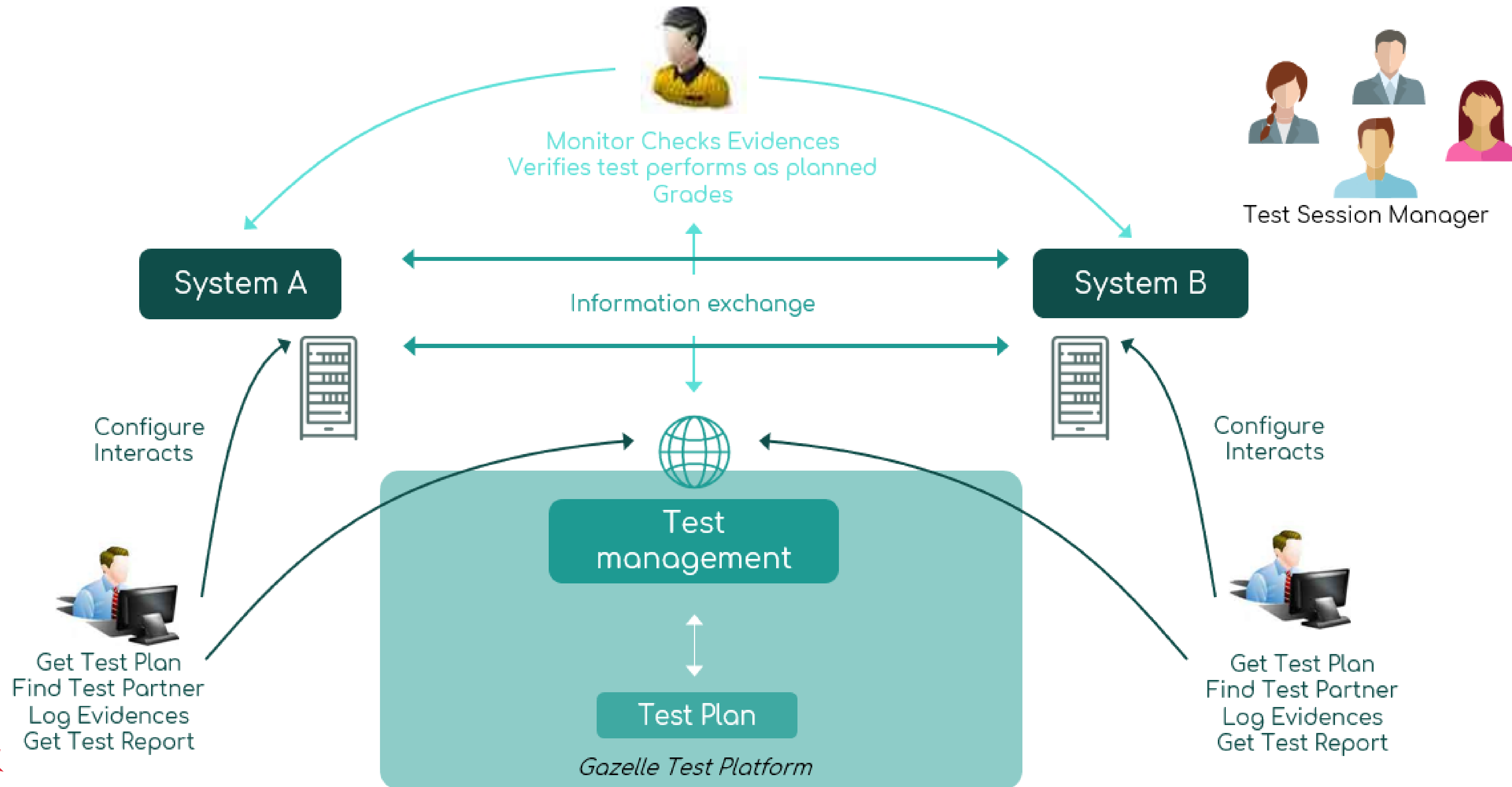
Projectathon Planning



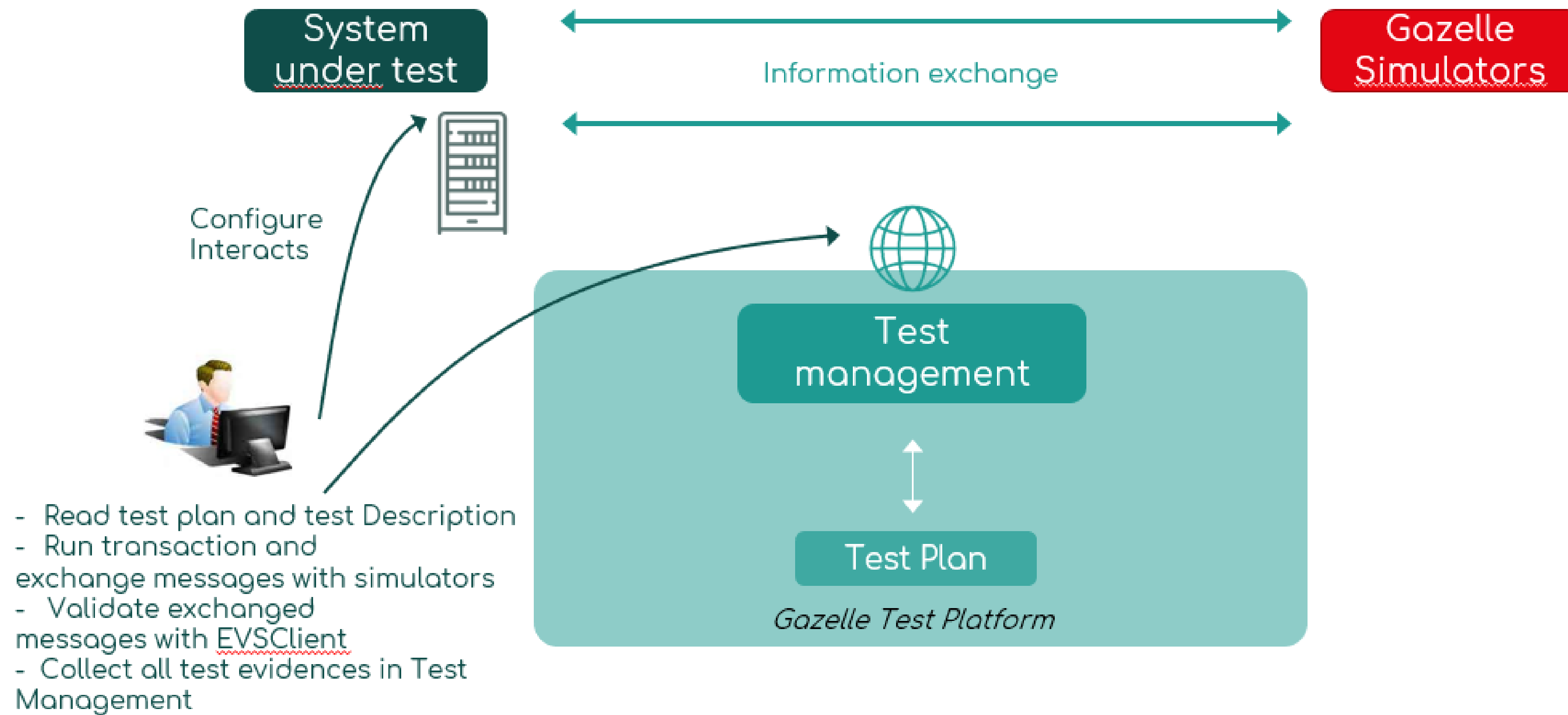
Projectathon Planning



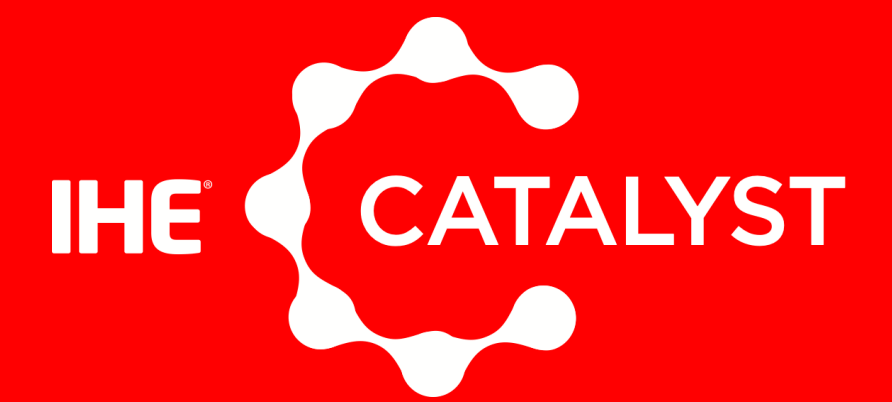
Projectathon Phases



Pre-Projectathon Phases



PAT Canada – Testability



Profiles to test	Testable during pre-PAT tests	Testable during PAT	Comments
MHD	NO	EVSCClient	Testable in peer to peer test only
XDS	XDStarClient XDSToolkit	EVSCClient	Testable in no peer and/or peer to peer test
IUA	NO	NA	Testable in peer to peer test only
PMIR	NO	EVSCClient	Testable in peer to peer test only
PDQm	Patient Manager	EVSCClient	Testable in no peer and/or peer to peer test
PIXm	Patient Manager	EVSCClient	Testable in no peer and/or peer to peer test
XDM	NA	NA	Peer to peer
ATNA	Gazelle Security Suite	EVSCClient Gazelle Security Suite	Testable in no peer and/or peer to peer test
CT	NA	NA	No peer
CA : FeX	Planned for March	Proxy EVSCClient	Testable in no peer during March Testable in peer to peer test

Demonstration 1:

- pre-projectathon tests in Gazelle TM



Prerequisites

- Registration fully completed
- Declare your system configuration
 - Hosts and OIDs
 - Ports and usage
 - Validate your configuration (this allows other participants to see it)

Pre-testing

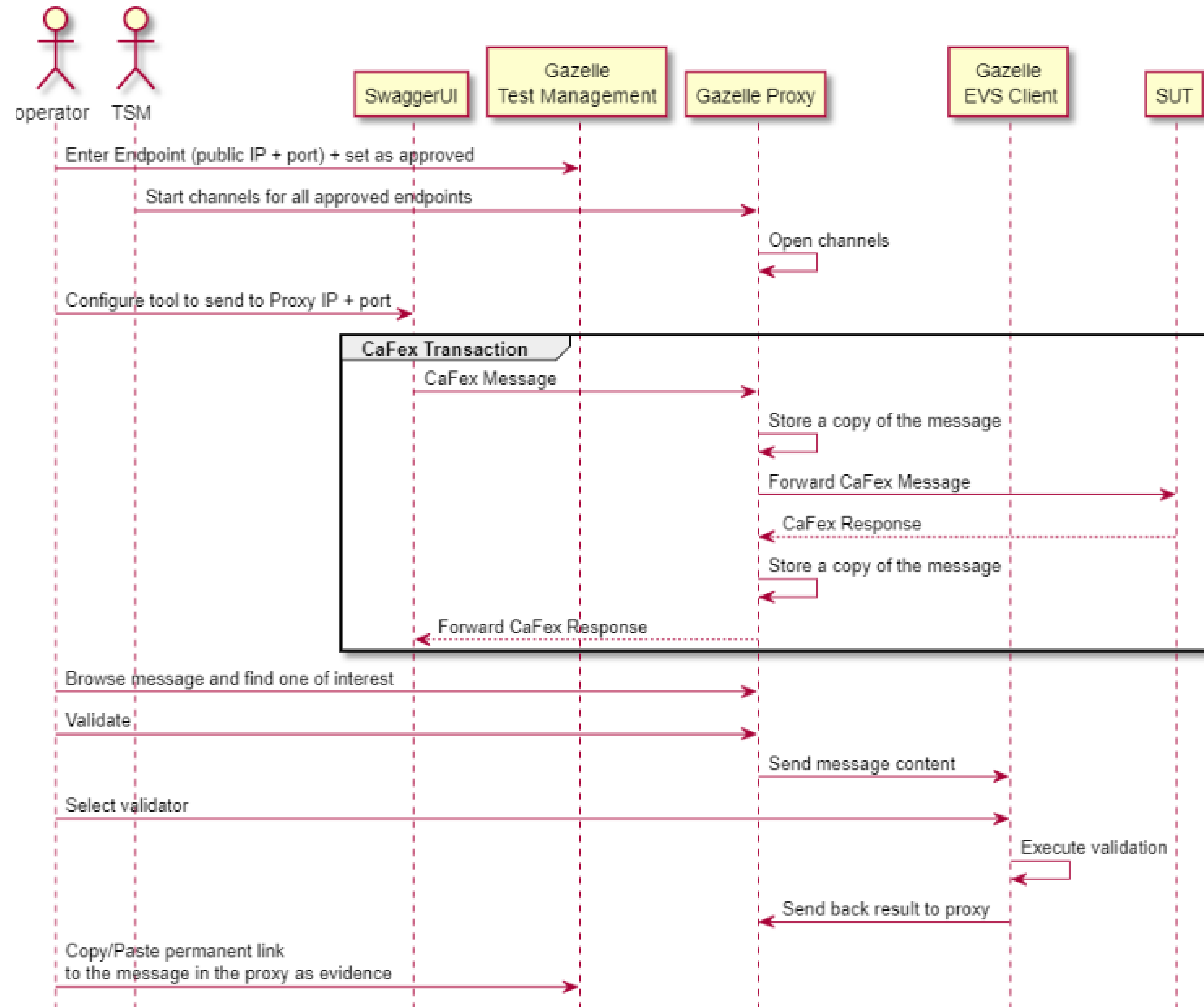
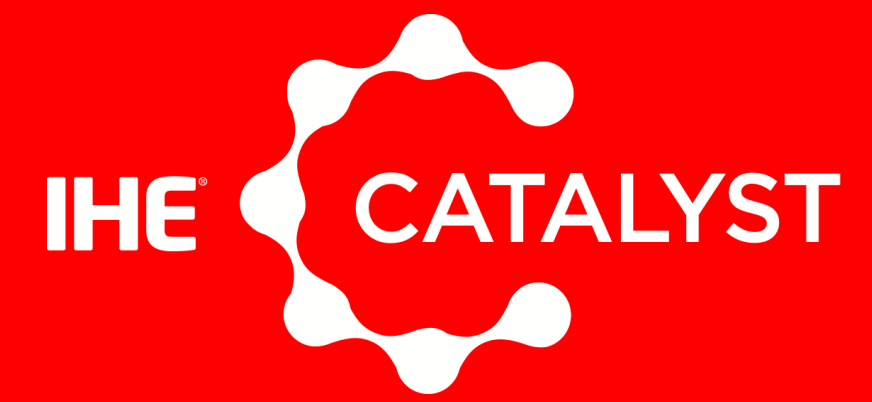
- Go to Connectathon>Pre-connectathon>Pre-connectathon testing
- The systems you registered for the event will be listed here
- Click on the number of tests to complete
- All the pre-tests for the actors you registered are listed
- Open the test description by clicking on the globe
- Perform your test
- Upload your proofs to the previous page by clicking on the “Return log file(s)” button
- Once everything is done, change the test status to “verified by vendor”

Demonstration 2:

- EVS Client
- XDStartClient
- Proxy



CA:FeX FHIR Proxy Setup: Pre-Projectathon



Moodle :

<https://moodle.pancanadianio.ca>

- Patient Manager
- Gazelle Security Suite
- EVS Client
- XDS Toolkit
- XDS Testing

Get Support

- InfoCentral Collaboration Group
- <https://infocentral.infoway-inforoute.ca/en/collaboration/wg/patient-summaries>

Questions

