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GAZELLE TEST MANAGEMENT USER GUIDE

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1. Purpose and notes

This document is intended for users of the Gazelle test platform and aims to present the **Test Management** tool.

Please note that the explanations given below are only valid up to version 6.2.3 of Test Management.

The graphic interface is different for higher versions which may render the steps and screenshots below invalid.

Information and screenshots are taken from a national Gazelle platform, but the use remains the same regardless of the Gazelle instance used.

2. Using the Test Management tool

2.1. Logging to Gazelle Test Management

To log in to the **Test Management** tool:

- > Go to: https://pancanadianio.ca/ (or to your Gazelle instance's URL)
- > Select Gazelle Test Management from the list of available tools.

The user is taken to the **Test Management** tool home page.

Click on "CAS Sign-in" at the top right.

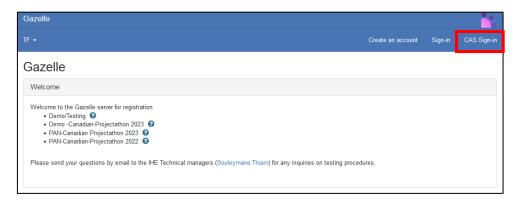


Figure 1: Access to Gazelle Test Management

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Log in with your account "username" and "password" and click on "LOGIN":



Figure 2 : Connexion to Gazelle Test Management

This page is displayed:

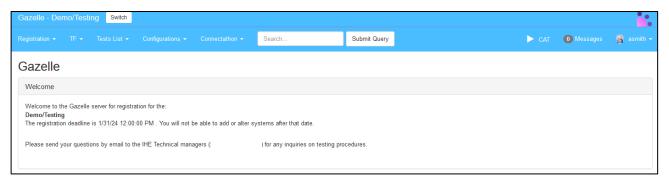


Figure 3 : Gazelle Test Management homepage

2.2. Changing the password

When a user wishes to change the password linked to their Gazelle account, they must go to the **Test**Management section as indicated in section 5.1 and click on the "Preferences" option:



Figure 4: Access to preferences in Gazelle Test Management

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The user must then click on "Change password" and enter the new password.

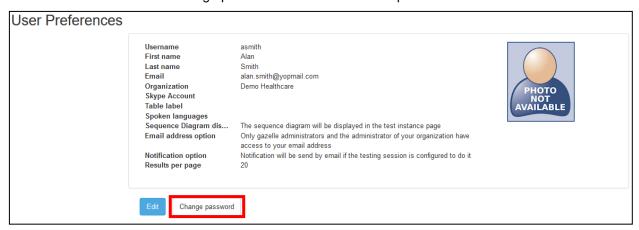


Figure 5: Access to change password

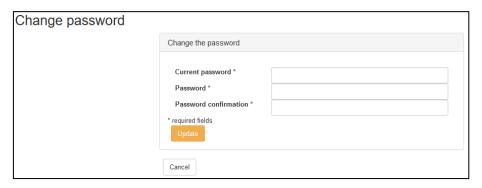


Figure 6 : Changing the password

After changing the password, the user must log out of the tool and log back in to use the new password.

2.3. Use of the tool

2.3.1. Loading the test session

On first login, the user is directly connected to the default test session.



Figure 7: Default test session

Only one test session can be used at any one time by the user.

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If several test sessions exist, to switch from one session to another, click on "Switch":



Figure 8: Switching the test session

A list of all sessions will be displayed, and you will need to click on the desired session.

2.3.2. Sign-up for an existing organisation

If your organization is already registered in Gazelle TM, to obtain an account in Gazelle, you must:

Click on the "Create an account button" in the Test Management homepage,



Figure 9 - Create an account with a already registered organization

> You are redirected to the "Register a user" page. Fill-in the form and select your organization in the drop-down list under Organization Name.

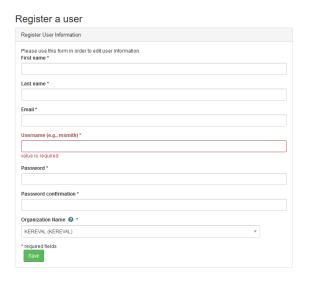


Figure 10 - Register a user page

> Your organization's admin (who has a "vendor_admin_role") will receive an e-mail and activate your account manually.

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2.3.3. Registering an Organization

If your organization isn't registered in Gazelle TM, to obtain an account in Gazelle and create your company, you must:

Click on the "Create an account button" in the Test Management homepage,



Figure 11 - Create an account and a new organization

> You are redirected to the "Register a user" page. Fill-in the form and, in the drop-down list under Organization Name, select *New Company*.

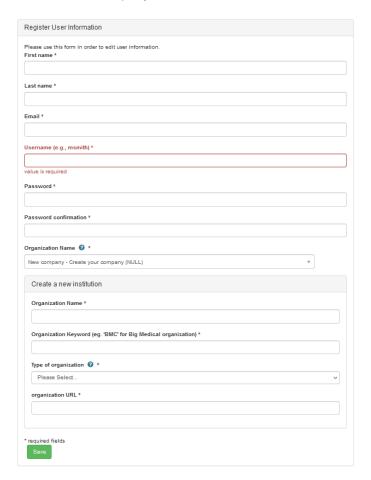


Figure 12 - Register a user and a company page

You'll receive an e-mail to confirm your registration. As soon as you click on the confirmation link, you are now an authorized user in Gazelle and registered as your organization's vendor admin.

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2.3.4. Accessing the test book

To access the list of your peer to peer tests to be run, click on the "CAT" shortcut from the Test Management tool:



Figure 13: Access to the test cases to be executed

The page displayed lists all the tests the system should cover.

e.g.:

OTHER_INFOWAY_DEMO	IUA	AUTH_CLIENT	NONE	Т	4/0			0%	0%	8%	0%	Please Select V
	Test		Meta test									
	IUA_JWT_Token-AuthCodeGrant			+	R/3	0/1	0/1			105 🛕		Click to write a comment
	IUA_JWT_	Token-ClientCredGrant		+	R/3	0/1	0/1					Click to write a comment
	IUA_PurposeOfUse			+	R/1	0/1	0/1					Click to write a comment
	IUA_SubjectRole			+	R/1	0/1	0/1					Click to write a comment
	4 tests											
OTHER_INFOWAY_DEMO	IUA	AUTH_SERVER	JWT_TOKEN	Т	4/0			0%	0%	13%	0%	Please Select v
	Test		Meta test									
	IUA_JWT_	Token-AuthCodeGrant		+	R/2	0/1	0/1			105 🛕		Click to write a comment
	IUA_JWT_	Token-ClientCredGrant		+	R/2	0/1	0/1					Click to write a comment
	IUA_Purpo	seOfUse		+	R/1	0/1	0/1					Click to write a comment
	IUA_Subje	ctRole		+	R/1	0/1	0/1					Click to write a comment

Figure 14: Example of test cases that a system must perform.

The status of the tests is indicated in the columns V, W, P, F:

- > The "V" (verified) column groups validated tests to "Verified" status (i.e. verified by the verification entity)
- > The "W" column (awaiting validation) indicates the number of tests that are in "To be verified" status, i.e. completed but not verified
- > The "P" (progress) column shows the progress of the test execution on the totality of the tests your system should cover at "Partially checked" or "In progress" status
- The column "F" (failed) indicates the number of tests in "Failed" status

For information, the "R/O" column indicates the number of Required (R) and Optional (O) tests to be performed.

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2.3.5. Accessing a test case

The user can access a test by clicking on the test name.

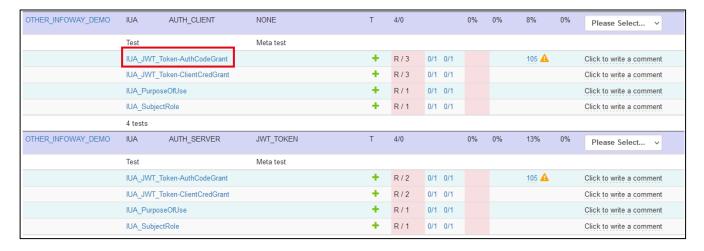


Figure 15: Accessing a test case

Each test case consists of:

> A summary:

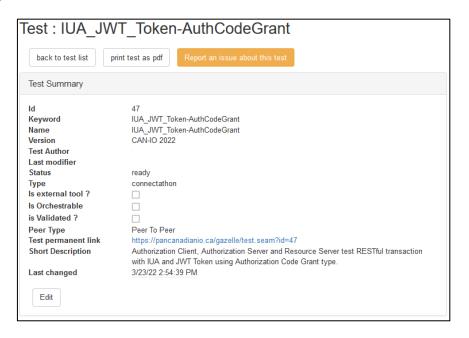


Figure 16 – Example of a test case - Summary

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A description composed of several chapters:

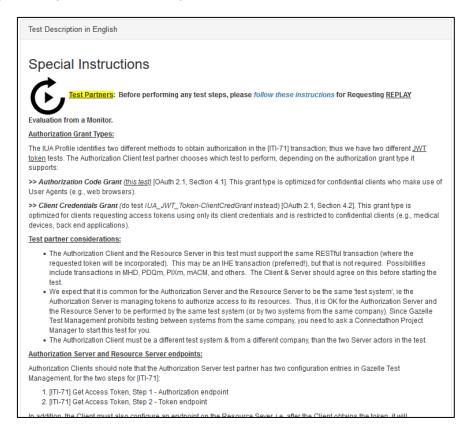


Figure 17 - Example of a test case - Description

> Actors (roles) involved in the test:



Figure 18 - Example of a test case - Roles

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> Test steps presented in a sequence diagram (1) and in a table (2):

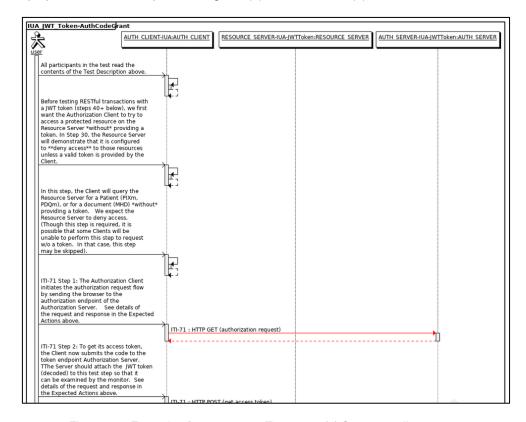


Figure 19 - Example of a test case - Test steps (1) Sequence diagram

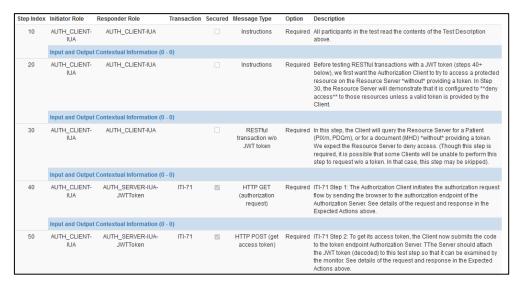


Figure 20 - Example of a test case - Test steps (2) table

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A comment area:



Figure 21 - Example of a test case - Comment area

Accessing test cases allows you to view them before starting a test instance.

You can also access to the test cases repository by clicking on the menu Test List > Test Definition.

2.3.6. Starting a test instance

A test instance is an execution of a test case and can have the following status:

- In progress: This is the initial state of a test instance once the user has pressed the "Start" button.
- > Paused: A test instance can be paused and then restarted by the user.
- > **To be verified**: When the execution of a test is completed, the status should be set to "To be verified" for a verification entity to validate the test result.
- > **Aborted**: If the test instance was started in error or is a duplicate of an existing test instance. It can then be aborted.
- Verified: The test between the partners is checked and completed.
- > Partially verified: If the entity verifying the test considers that some information is missing, it identifies the test instance with this status in order to warn the user.
- > Failed: The verifier believes that at least one of the test proofs is not valid.

To start a test instance, click the button heavy next to the name of the test to be run.



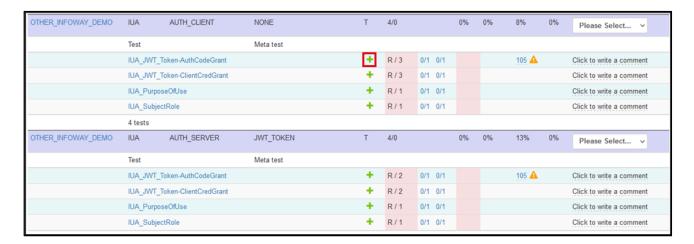


Figure 22: Step 1 of starting a test instance

The user arrives at the following page:

Start test instance

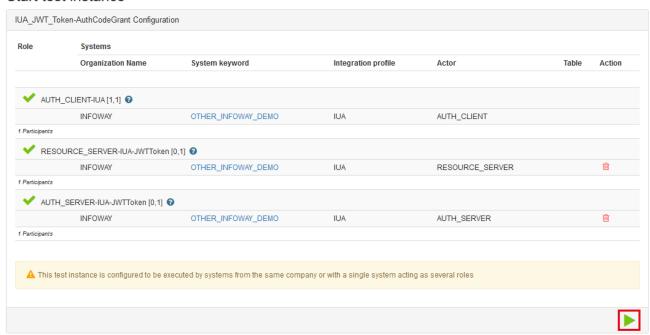


Figure 23: Step 2 of starting a test instance

The user can start the test instance since the minimum required actors are present, click on the button:



The test instance is initialized, the user can execute the test steps.

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2.3.7. How to access the test instance

A test instance is always presented in the same way, from the "Connectathon> Test Instances" menu:

> A menu for quick access to the items in the test instance:



Figure 24 - Example of a test instance - Quick access menu

Information (Meta data):

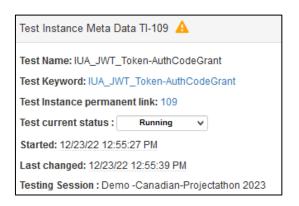


Figure 25 - Example of a test instance - Metadata

> Test description:

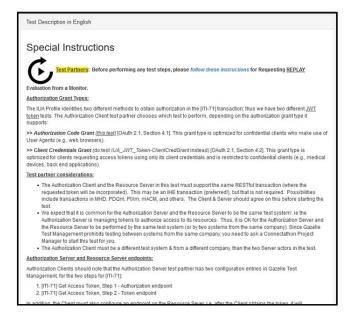


Figure 26 - Example of a test instance - Description

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> Test participants:

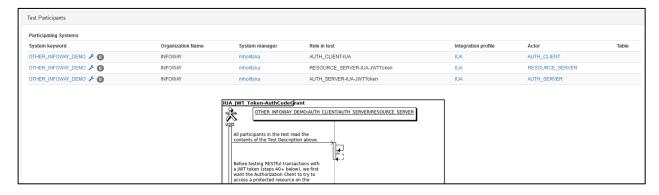


Figure 27 - Example of a test instance - Participants

Test steps:

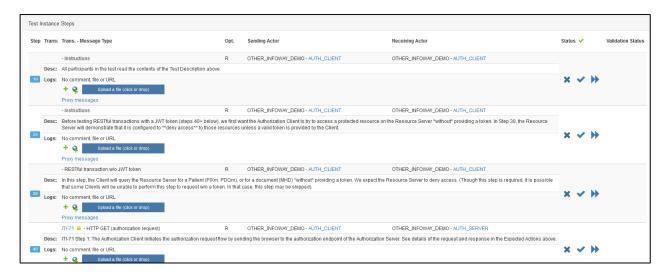


Figure 28 - Example of a test instance - Steps

> Files:



Figure 29 - Example of a test instance - Files

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Chat room:

Chat Room				
	Status changed to : Running	12/23/22 12:55:27 PM (CET GMT+0100)		
		fi.		

Figure 30 - Example of a test instance - Chat room

2.3.8. Validating a test step

A test step always includes the following information:

- > Test steps number.
- > Type of message sent/validated in the step (can be null).
- > Actors involved in the test step.
- Description of the test step: to be read and respected.
- > An add comment button : useful for specifying an element when performing the test step
- > An add URL button : necessary for the XML message validation steps with the EVS Client tool.
- > An "Upload File" button: to provide proof of testing.

The status buttons of the test step are:

- > Failed : the test has failed this step (e.g. validation result KO).
- > To be checked : the test step has been completed.
- > Passed : the step does not require any action from the user.

This information is represented as follows in Gazelle:

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Figure 31: Validation of a test step

2.3.9. Update the status of the test steps and the test status

When a test step is completed, the user must indicate the status of the step in the tool by clicking on one of the choices described above (Failed, To be verified, Passed).

When all the steps have been completed, the user must update the status of the test; the aim is to change the "current test status" to "to be verified" in order to inform the EFS that a test is to be checked:

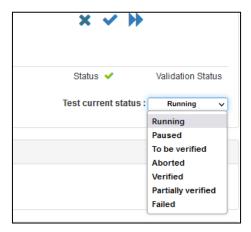


Figure 32: List of test statuses

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3.2. Glossary

Acronyms	Significations
EVSClient	External Validation Service Front-end
GTM	Gazelle Test Management
IHE	Integrating the Healthcare Enterprise
XML	eXtensible Markup Language



4. Follow-up of the document

Approver	Function	Date	Visa

Diffusion	Recipient	Date	Copies
IHE Customers	Test Management users	To be completed	Electronic version

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V1.07	2022-12-23	Vincent HOFMAN	 Delete all non-TM processes Translated into English to get a generic version Updating screenshots with English versions
V1.08	2023-01-12	Vincent HOFMAN	Updating the document after customer's feedbacks

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