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KEREVAL Health Lab – IHE-Europe Project

Administration Guide

Gazelle Test Management

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1.01	07/11/14	Anne-Gaëlle BERGE, Abderrazek BOUFAHJA, Jean-Fraçois LABBE, Raphaëlle BATOGE	Final updates and review.
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2,00	22/02/16	Jean-Francois Labbé	Update screen captures
2.01	26/02/2016	Anne-Gaëlle BERGE	Quality checks

Table of contents

1 Introduction

This administration guide is dedicated to the administrator of Gazelle Test Management and Gazelle Master Model tools. It explains how to configure the tool, how to manage users, systems and so on.

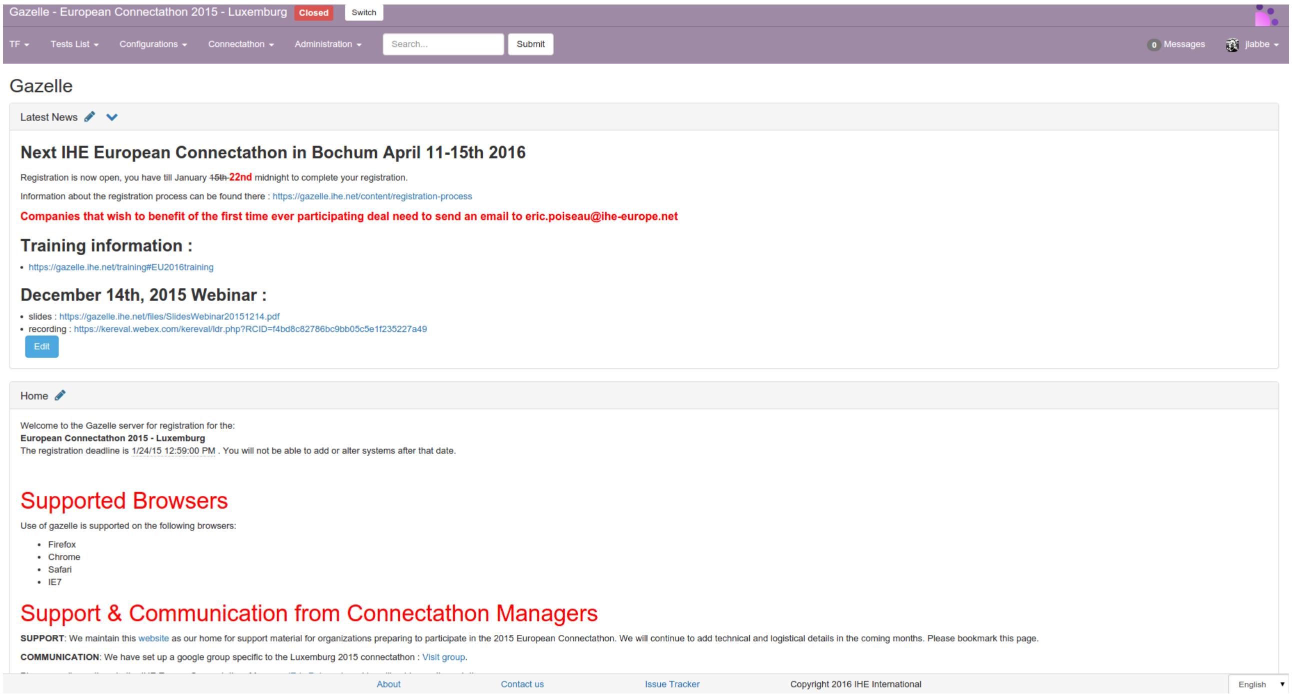
This document is applicable from version 5.0.0 of Gazelle Test Management.

2 Home page

The home page of Gazelle Test Management can be customized for your needs. This page is made of two main frames, one is first populated with informations coming from the database and you can edit the rest, the other one, can be displayed only if you need it, above or below the first one; and you are totally free to define its content.

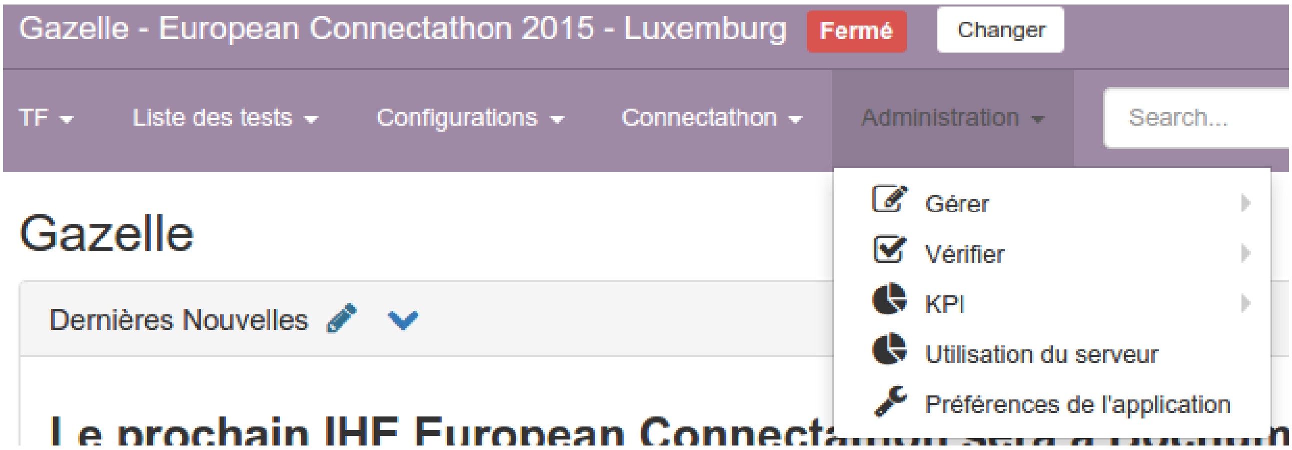
From the home page, "Edit" button are available in the panel headers to edit the title. The ones available at the bottom of the panels are for editing the content. The "Move panel to the bottom/top" button can be used to change the location of this panel.

When you edit a title or a panel content, do not forget to hit the "Save" button.



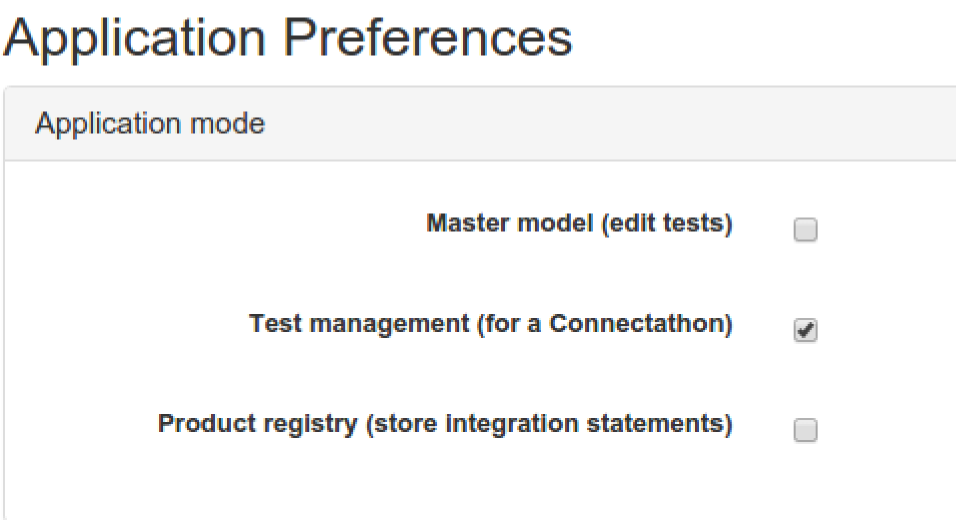
3 Configuration of the application preferences

The configuration of gazelle TM is done through the menu Administration→ Application Preferences



This page contains multiple sections allowing to configure the different behaviours and modules of gazelle.

3.1 Application mode



This section allows to configure the different modes of the gazelle TM application.

Gazelle TM can be configured into three modes, and four configurations:

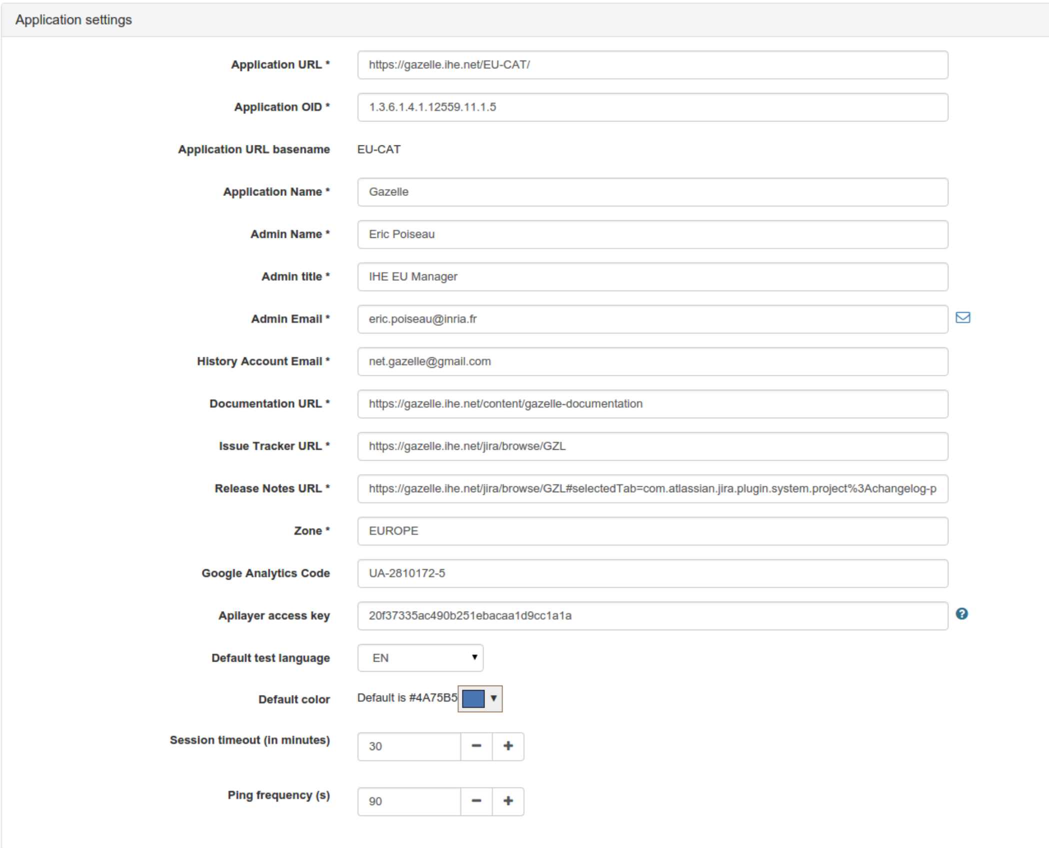
1. Master Model: gazelle act as editor of profiles, samples, and tests plan (example GMM: gazelle.ihe.net/GMM/)
2. Test management (for a Connectathon): used when gazelle act as manager of CAT testing sessions
3. Product registry (store integration statements): gazelle used in this mode to store the integration statements

Gazelle can act as

1. Master Model
2. Test Management
3. Master Model and Test Management
4. Product Registry

Any other configuration will make the tool out of use

3.2 Application settings

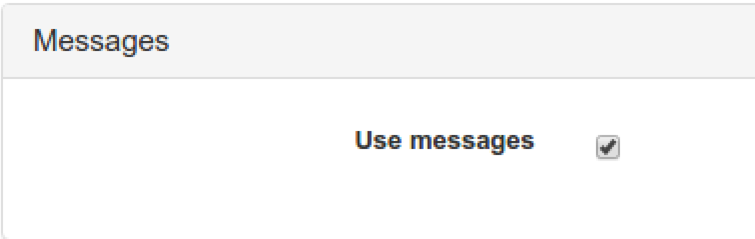


This section allows to configure the different administration properties of gazelle TM, which are:

- Application URL: the URL to gazelle application (example: http://gazelle.ihe.net/EU-CAT/). This attribute is used to create permanent links into the application to the test plan, test instances, etc.
- Application OID: the unique identifier of gazelle instance (example: 1.3.6.1.4.1.12559.11.1.5). This element is used to create permanent identifiers into the application
- Application URL base name: the base name of gazelle TM instance (example: EU-CAT)
- Application Name: the name of gazelle instance (example: gazelle)
- Admin Name: the administrator's name

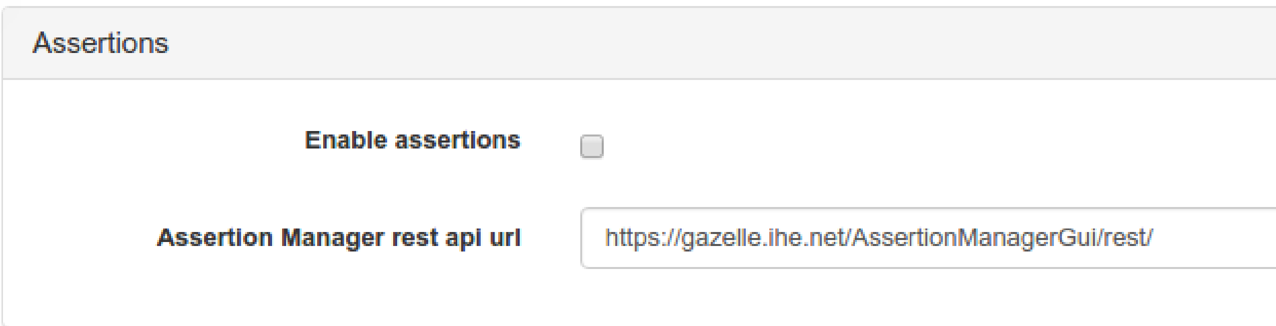
- Admin title: the function of the admin
- Admin Email
- History Account Email
- Documentation URL: the URL to the documentation of gazelle
- Issue Tracker URL: the URL to the jira tool
- Release Notes URL: URL to release note
- Zone: example : EUROPE
- Google Analytic Code: the identifier of GCA
- Default test language: the default language of test plan descriptions
- Default colour: the default skin of the tool
- Session time-out (in minutes)
- Ping frequency (s): the frequency to update the status of sessions (example : 30)

3.3 Messages



This section describes the ability to uses messages modules into gazelle. When allowed, the monitors and the vendors are notified of the status and changes into their test instances.

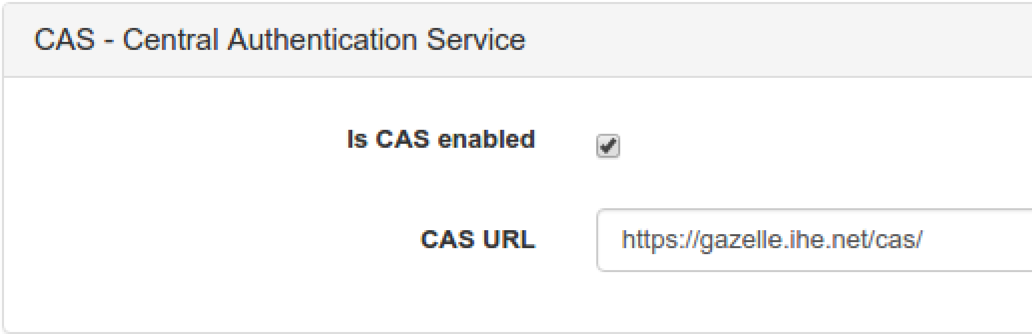
3.4 Assertions



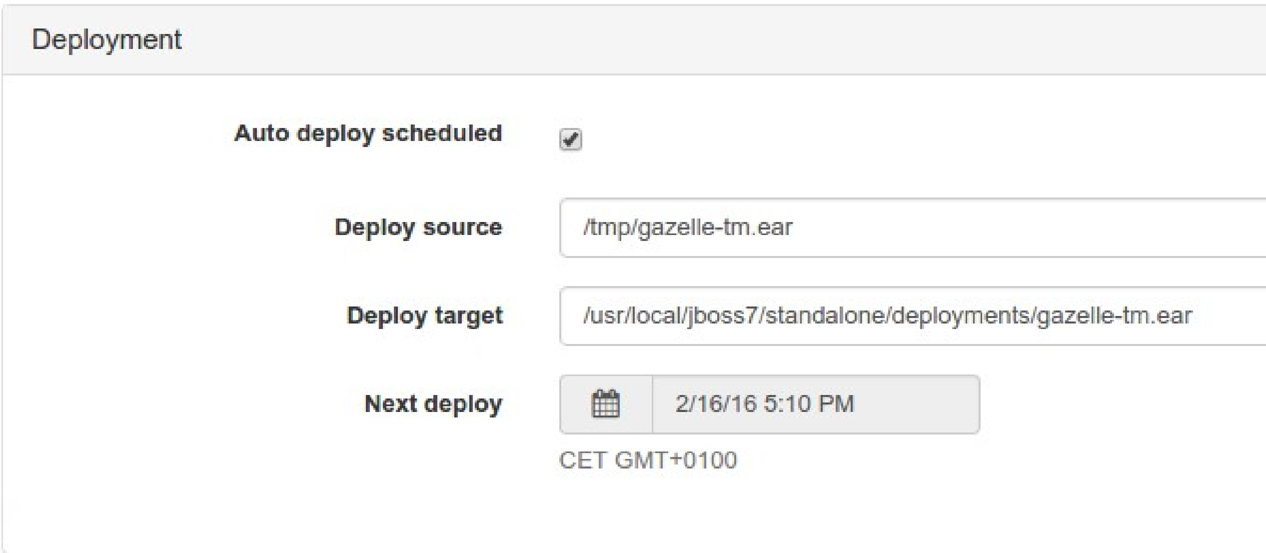
Allows to show or to hide assertions link to a test. This sections is linked to assertion manager via the property 'Assertion Manager rest api url' (example: http://gazelle.ihe.net/AssertionManagerGui/rest/)

3.5 CAS - Central Authentication Service

This section allows to link the gazelle TM to a cas service, or to use local database of the TM tool.



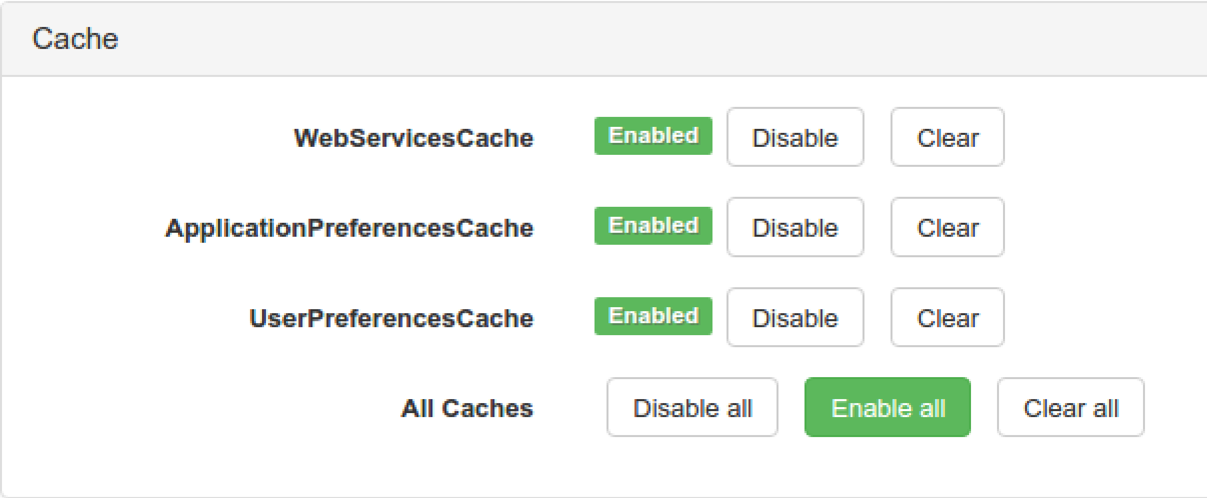
3.6 Deploy section



The deploy section allows to schedule deployment of gazelle TM ear into a jboss server. This section contains 4 elements:

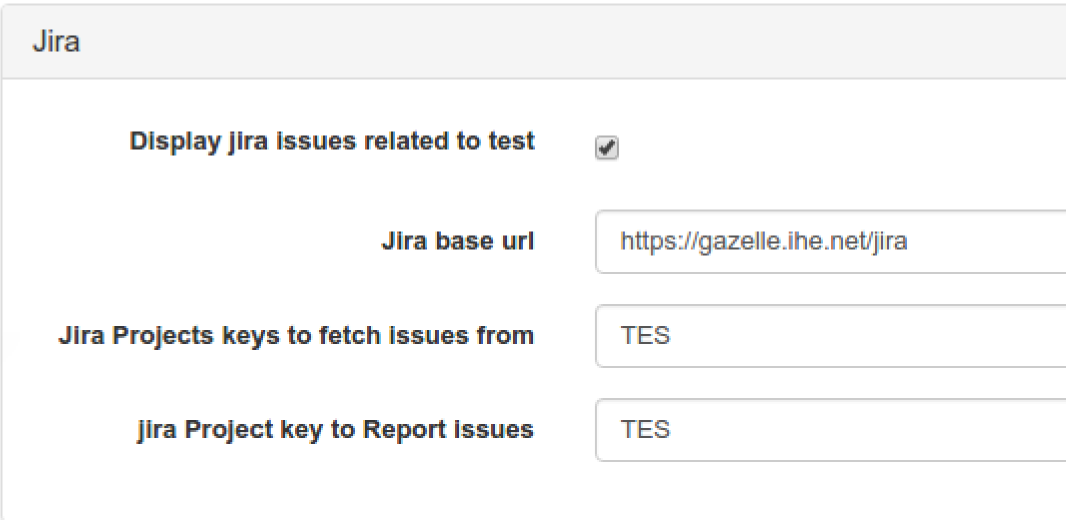
1. Auto deploy scheduled
2. Deploy source : the path to the ear to be deployed
3. Deploy target: the path to the ear in the jboss server
4. next schedule : the next time of deploying

3.7 Cache section



Allows to reset the cache used with gazelle (for developers, the cache used is ehCache).

3.8 Jira

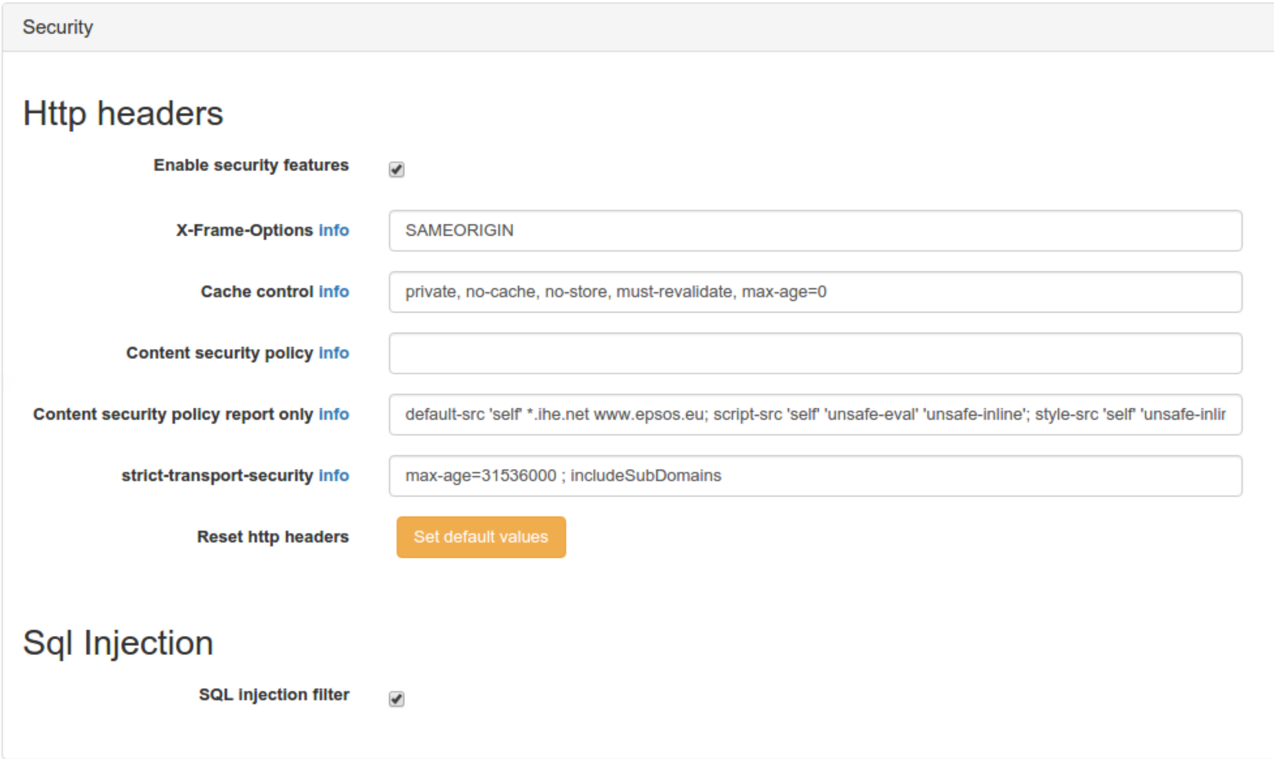


Allows to link gazelle TM to the jira used, and then vendors can report problems encountered in tests descriptions or test steps.

Available attributes:

- Display Jira issues related to test
- Jira base URL
- Jira Projects keys to fetch issues from: List of project keys (comma separated) that store test issues
- Jira Project key to Report issues : Test issues will be reported in this project

3.9 Security



This section allows to describes the different HTTP security attributes related to gazelle.

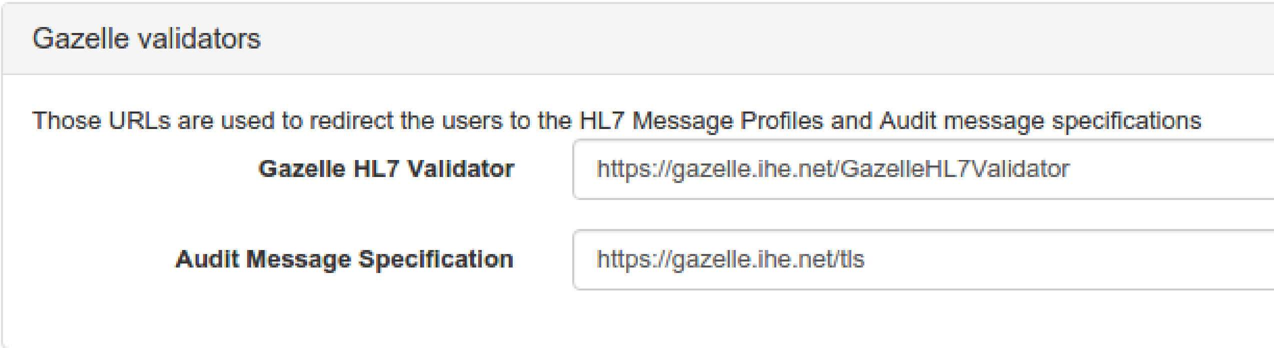
New features added to improve the security of applications developed by IHE-Europe The audit security was done by two external teams. Improvement added :

- CSRF (cross site request forgery)
- SQL injection filter
- HTTP Headers security enforcement
- Better cookies management

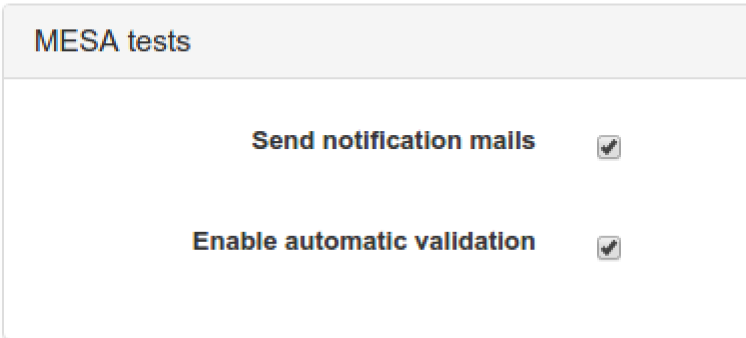
Pref key	kind Pref	value	description
security-policies	Boolean	true	Enable or Disable http security headers
sql_injection_filter_switch	Boolean	true	Enable or Disable Sql Injection filter
X-Content-Security-Policy-Report-Only	String	default-src 'self' *.ihe.net; script-src 'self' 'unsafe-eval' 'unsafe-inline'; style-src 'self'	To verify that the content of the site is provided only by domain specified (trusted domain) (report only!)

		'unsafe-inline';	
X-Content-Security-Policy	String		To force that the content of the site is provided only by domain specified (trusted domain)

3.10 Gazelle validators

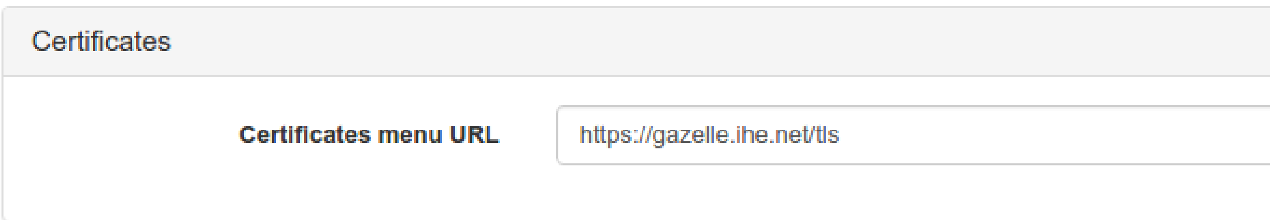


3.11 MESA tests



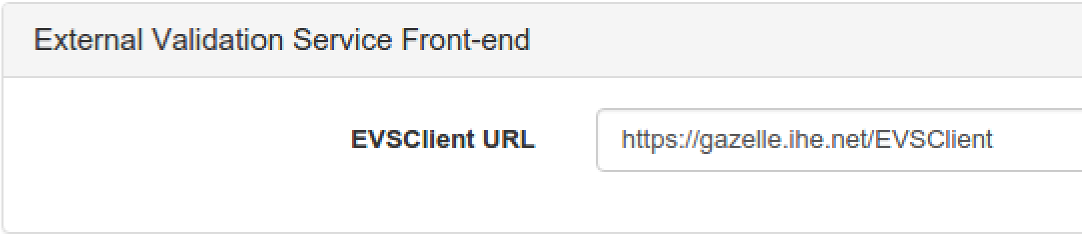
This section allows to configure the behaviour of pre-cat tests : automatic validation and mail notification

3.12 Certificates



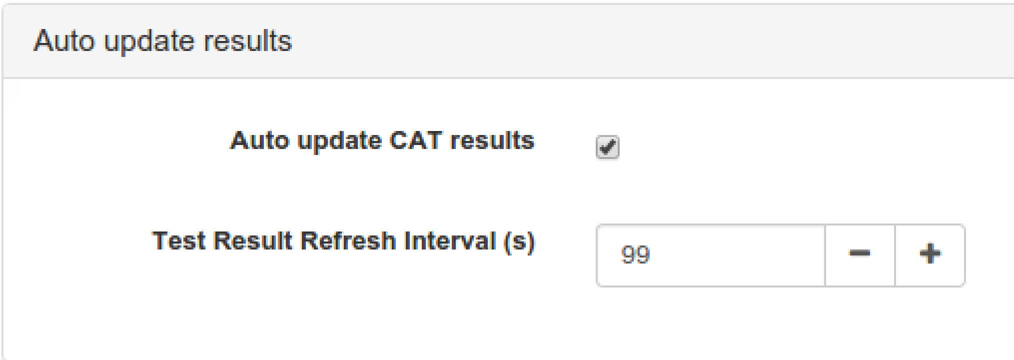
Provides a link to the TLS tool

3.13 External Validation Service Front-end



Provides a link to EVSClient tool

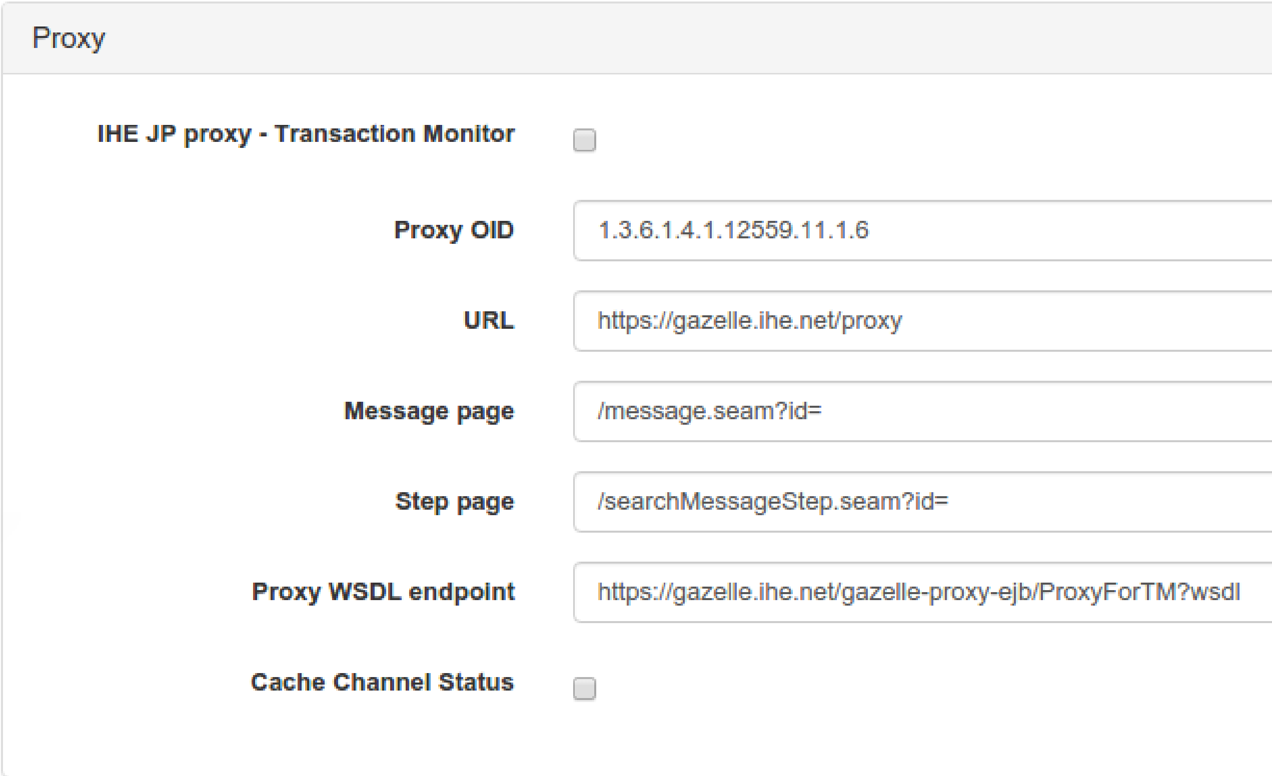
3.14 Auto update section



This section describe a module in gazelle allowing to update the relationship between Results of testing session, and the systems participating. This section contains two attributes:

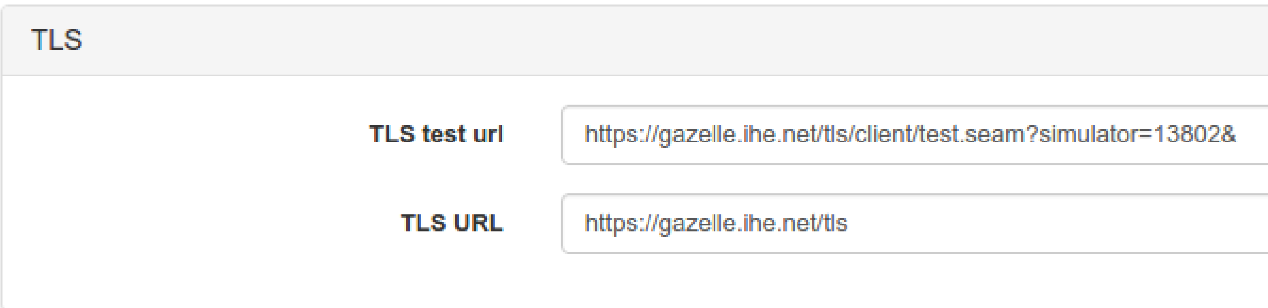
1. Auto update CAT results : this section shall be selected during testing session registration and execution, no need to it otherwise
2. Test Result Refresh Interval (s): the interval of updates

3.15 Proxy



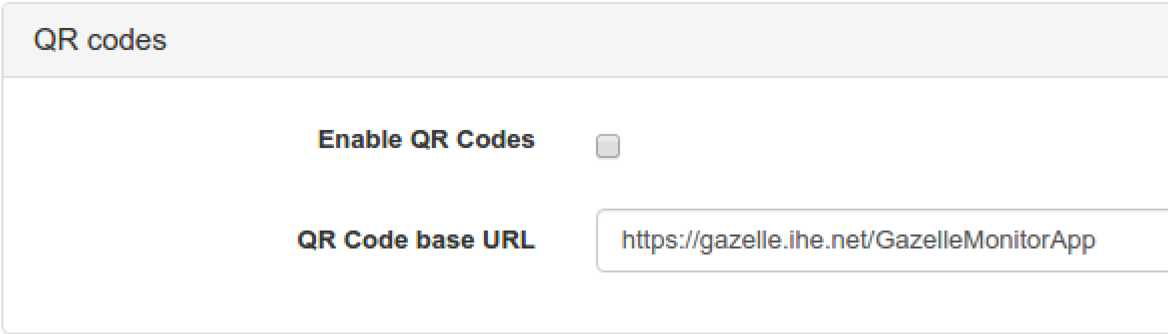
This section describes the proxy tool informations

3.16 TLS



Link to the Client simulator related to gazelle

3.17 QR Codes

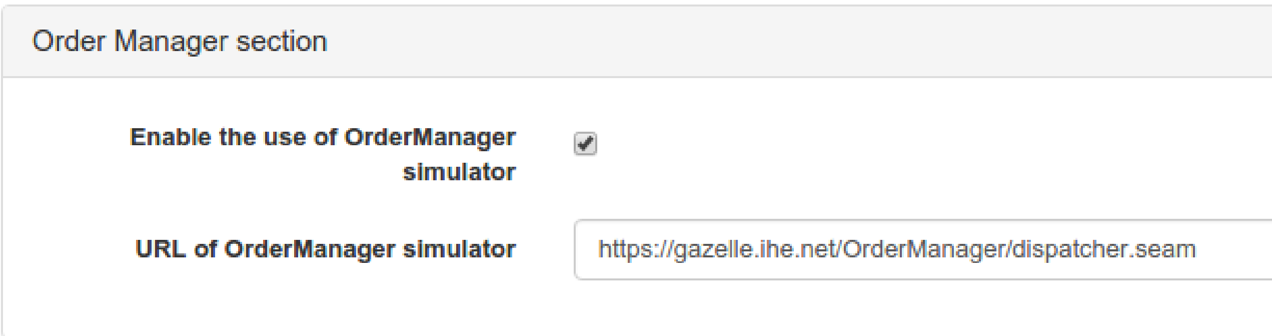


If the option is enabled, a QR Code is generated for each test instance, it represents the parametric URL to access the test instance information from the Gazelle Monitor App tool, designed for mobile devices.

3.18 DDS - Demographic Data Server

Link to the Demographic Data Server tool used to generate patient demographics for testing needs.

3.19 Order Manager section



Link to Order Manager tool. In some cases, we ask the Connectathon participant to create DICOM Modality worklists. Do to so, they can use the Order Manager tool and share patient demographics between Gazelle Test Management and the simulator.

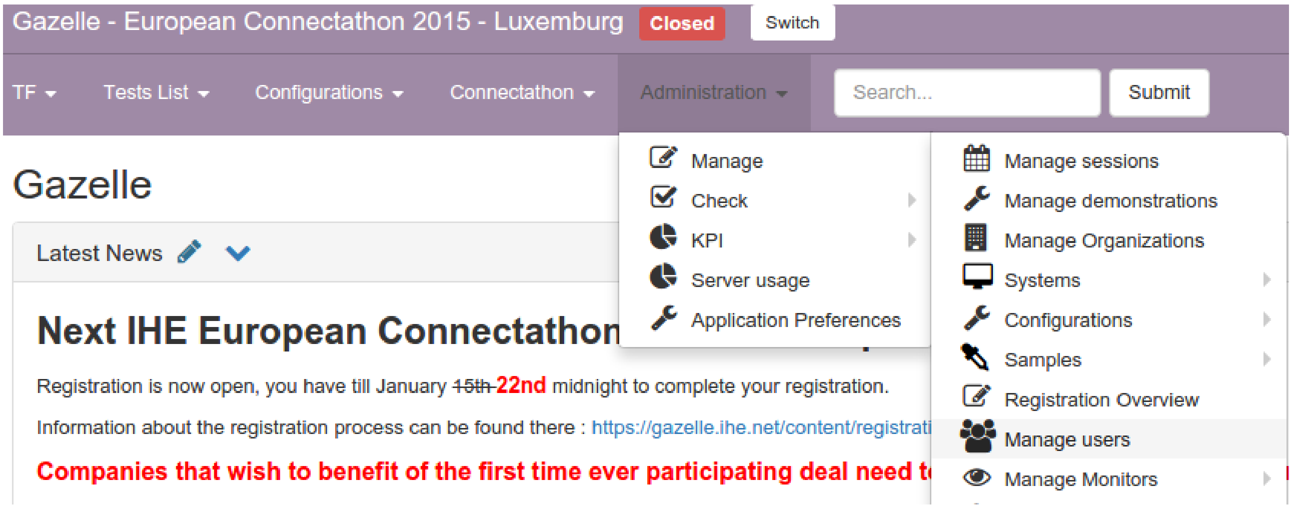
3.20 Files/Paths Management

List of directories used by Gazelle Test Management to store files on disk.

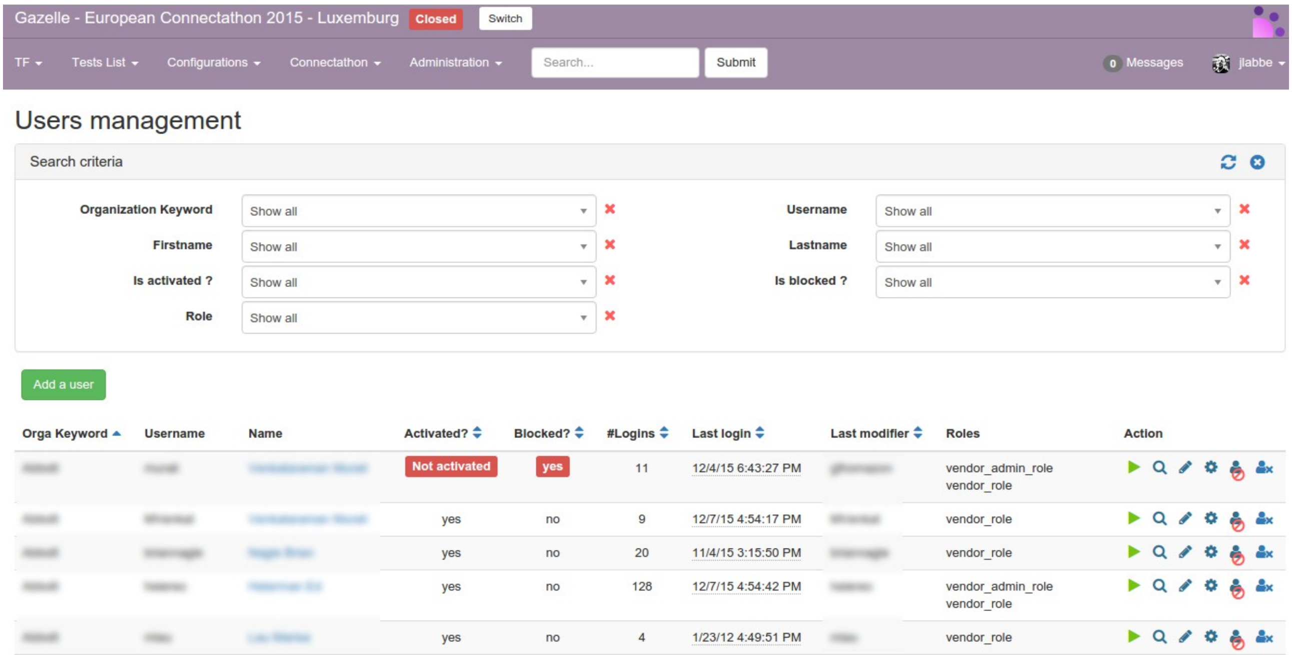
4 Users Administration

The admin can manage user registration, for all the companies, vendor_admin can do so for users registered for his company.

To do so, the admin shall go to menu → Administration → Manage → Manage users



The GUI of the users administration page looks like this:



The admin has the possibility to filter users by

- organization
- first name
- active users
- role of users

- user name
- last name
- blocked or not blocked users

The table that show the list of users contains the following information:

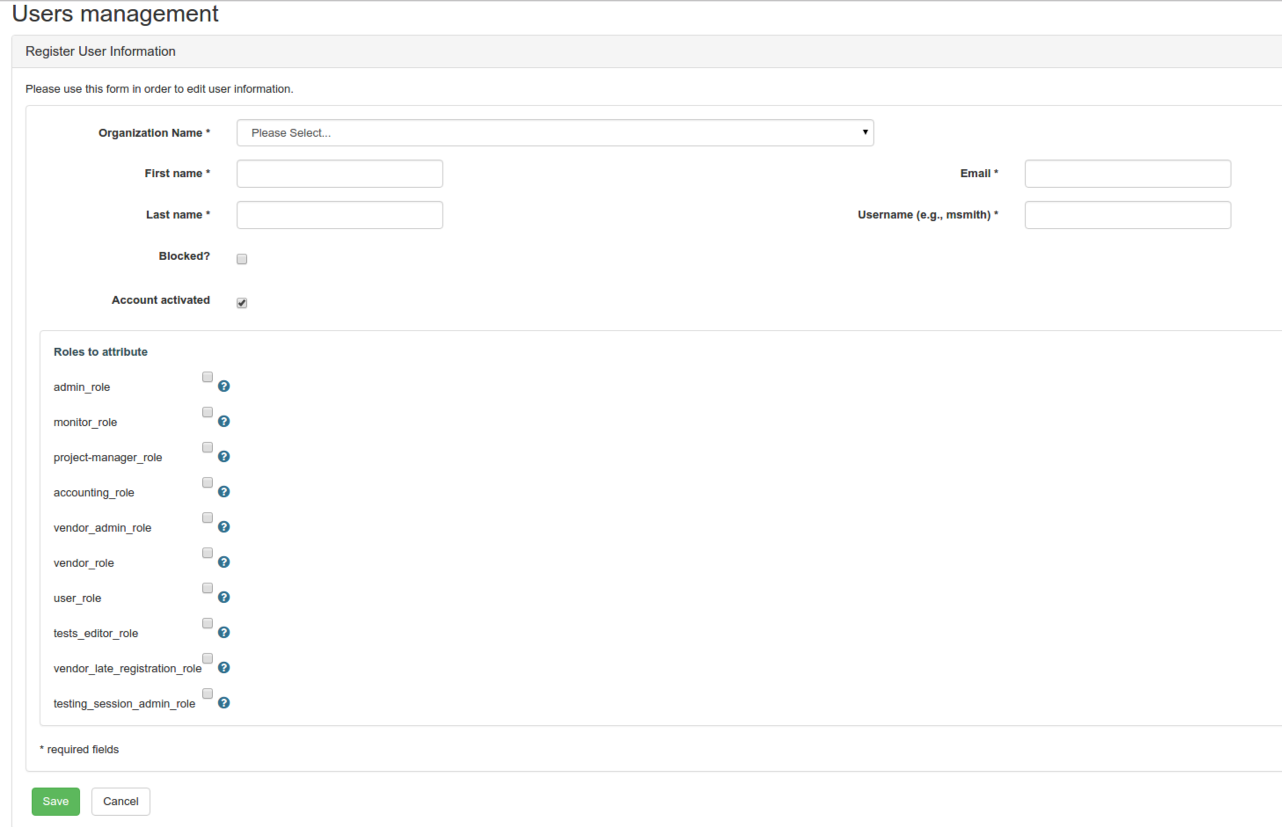
- Organization keyword
- user name
- name
- activated
- blocked
- number of logins
- last login date
- last modifier's user name
- the roles affected

The administrator is able to

- create new user
- edit old users
- view information of a user
- connect as a user !
- disable user account : the delete act as 'block', the user is not really deleted from the database

4.1 Add users

To add user the admin shall click on the button 'add user'



The page for adding users contains this information: The name of the organisation the user belongs to

- first name
- last name
- email (shall be a valid mail, and so the user can activate it, and the reset his password, etc)
- user name
- blocked?
- account activated
- the list of role attributed:

Role	Description
admin_role	The admin role is responsible to manage gazelle
monitor_role	A monitor for gazelle testing sessions
project-manager_role	a project manager in gazelle (rarely used)
accounting_role	
vendor_admin_role	an admin of a system / organization
vendor_role	a simple vendor
user_role	a user

tests_editor_role	a test editor role -> allowed to edit test plans
vendor_late_registration_role	a vendor who is lately registered to a testing session (this allows to register even if the session is closed)
testing_session_admin_role	An admin for a specific testing session

The following table describes what a user can do and cannot do:

Fonction	admin	monitor	project-manager	accounting	vendor_admin	vendor
Organization management						
Edit institution	x		x	x	x	
Delete institution	x					
View institutions list	x	x	x			
View institution summary	x	x	x	x (only his company)	x (only his company)	x (only his company)
Access institution web site	x				x (only his company)	
Access users list	x				x (only his company)	
Access contacts list	x				x (only his company)	
Access invoice	x				x (only his company)	
System management						
Add system	x		x		x	x
Edit system summary	x		x		x (only his company)	
CRUD Actor/Profiles for a system	x		x		x (only his company)	
CRUD Demo for a system	x		x		x (only his company)	
Delete system	x		x		x (only his company)	
View system	x	x	x	x	x	x
View systems list	x	x (all companies)	x	x (only his company)	x	x
Generate Integration Statement	x	x	x	x	x	x
Check missing dependencies	x				x	
Add missing dependencies	x				x	
User Management						

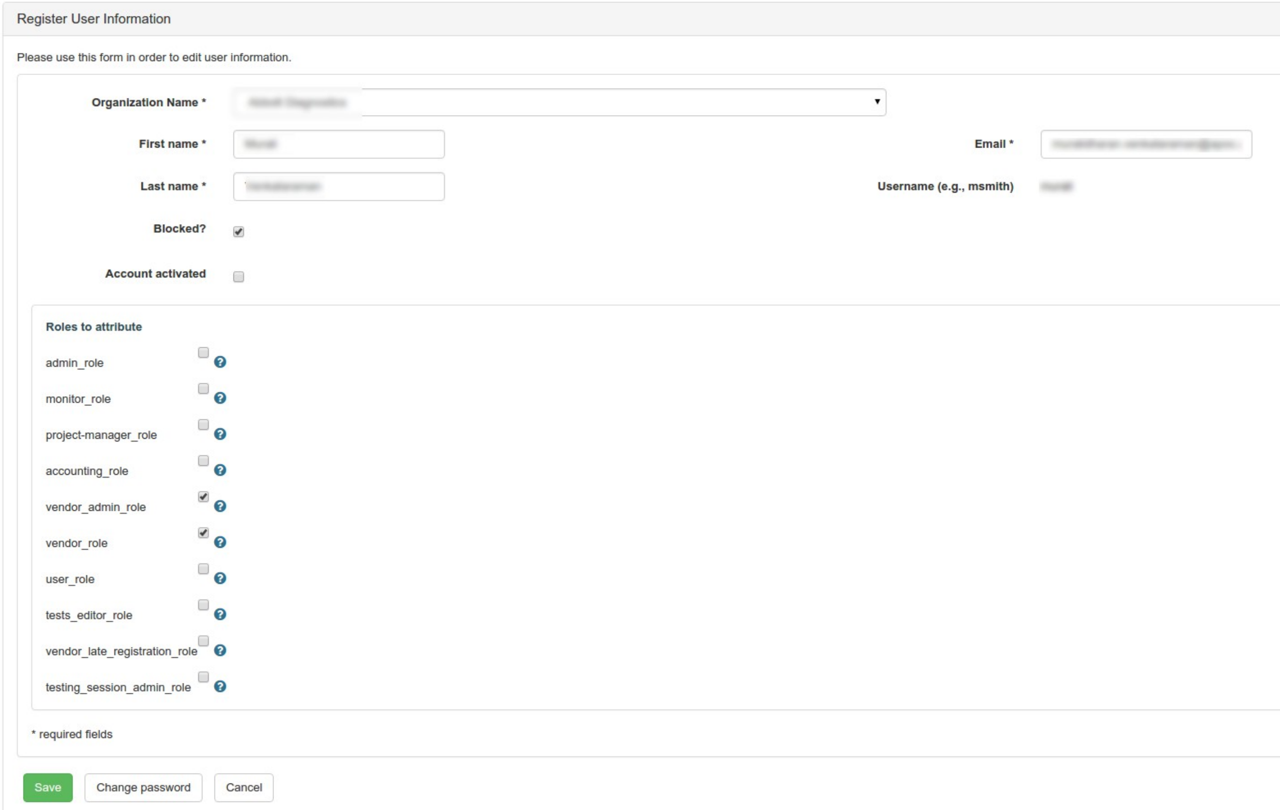
Create user	x		x		x	
Edit user	x		x		x	
Delete user	x		x		x	
View User	x	x (only his account)	x	x (only his account)	x	x (only his account)
List all users	x	x (only his account)	x		x (only his company)	
Update user preferences	x	x (only his account)	x (only his account)	x (only his account)	x (only his account)	x (only his account)
Create/Update user picture	x	x (only his account)	x (only his account)	x (only his account)	x (only his account)	x (only his account)
Change password	x	x (only his account)	x (only his account)	x (only his account)	x (only his account)	x (only his account)
password lost	x	x (only his account)	x (only his account)	x (only his account)	x (only his account)	x (only his account)
Contact management						
Create contact	x		x	x	x	???
Edit contact	x		x	x	x	???
Delete contact	x		x	x	x	
List contacts	x	x	x	x (only his company)	x (only his company)	???
Invoice and contract management						
Create invoice	x (automatic)		x (automatic)	x (automatic)	x (automatic)	x (automatic)
Edit financial summary	x			x (in institution page)	x (in institution page)	
Edit invoice	x					
Delete Invoice	x					
View Invoice	x		x	x		
Download PDF Contract	x		x	x		
Generate PDF Invoice	x					
Generate report of financial overview of all companies	x		x			
List invoices	x					
Test definition Management						
Add / Edit a test	x	NA			NA	NA
Add/Edit RoleInTest	x	NA			NA	NA
Add / Edit metaTest	x	NA			NA	NA
Add / Edit path	x	NA			NA	NA
Copy a test	x					
Print a test	x	x			x	x
Technical Framework Management						
Add / Edit Domain	x	NA			NA	NA
Add / Edit	x	NA			NA	NA

Integration Profile						
Add / Edit Actor	x	NA			NA	NA
Add / Edit Options	x	NA			NA	NA
Add / Edit Transaction	x	NA			NA	NA
Add Transaction Option Types	x	NA			NA	NA
Add/Edit Message Profiles	x	NA			NA	NA
Add/Edit documents						
Link documents to TF concepts						
Sample definition management						
Add / Edit ObjectType	x					
Add / Edit ObjectFileType	x					
Certificates						
Access certificates page						
Pre-connectathon tests						
List Pre-CAT Tests						
Add logs						
Consult test logs						
Change status						
Demonstration Management						
Create demo	x					
Edit demo	x					
Delete demo	x					
View demo	x	x	x	x	x	x
Testing session Management						
Create Testing Session	x					
Edit Testing Session	x					
Delete Testing Session	x					
View Testing Session	x	x	x	x	x	x
List Testing Session						
Activate/Deactivate Testing Session						
Samples						
Create/Edit sample						
View samples						

Upload samples						
Validate samples						
Update status						
Search for samples						
Generate connectathon report						
Download Systems summary	x	x				
Patient Demographics						
Create a new patient	x	x	x	x	x	x
List patients	x	x	x	x	x	x
Edit patient	x	x	x	x	x	x
Delete patient	x	x (only the ones he/she created)	x (only the ones he/she created)	x (only the ones he/she created)	x (only the ones he/she created)	x (only the ones he/she created)
Share patient	x	x	x	x	x	x
List sharing logs	x	x	x	x	x	x
Add/Edit assigning authorities	x					
Link systems to authority	x	x	x	x	x	x
Create patient (admin part)	x					

4.2 Edit users

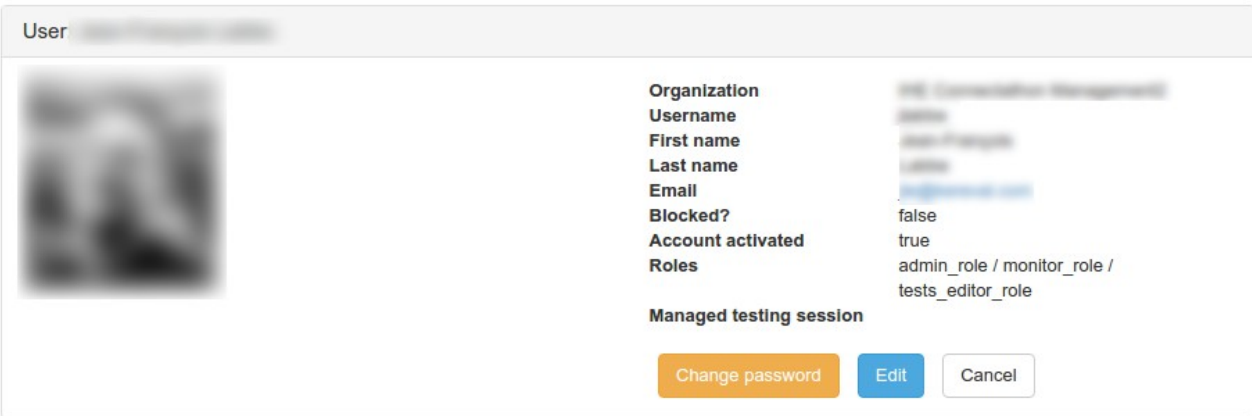
To edit a user, you have to click on the edit button 



The edit page contains the same information as the add user page, with the possibility to change the password for a user, using the button "change password"

4.3 View users

To view user information, admin shall click on the button

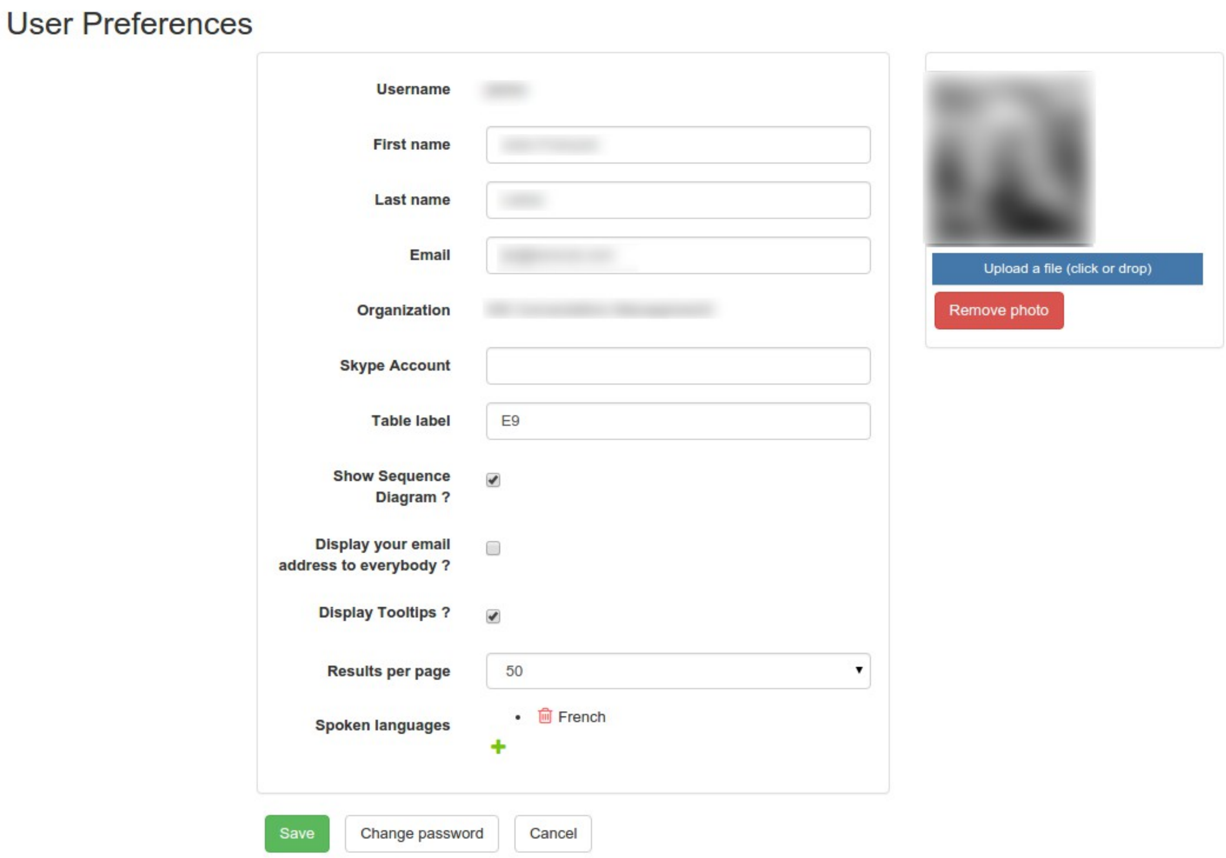


The information provided is the same as in the edition mode

4.4 Connect as user

Gazelle offers the possibility to the admin to view the GUI of the vendor, the same GUI configuration, and to connect as the corresponding user; which could be useful when the vendor has a problem, and the admin want to see what it really looks like.

4.5 View user preferences



The admin is able to view the user preferences, regarding gazelle use, which are:

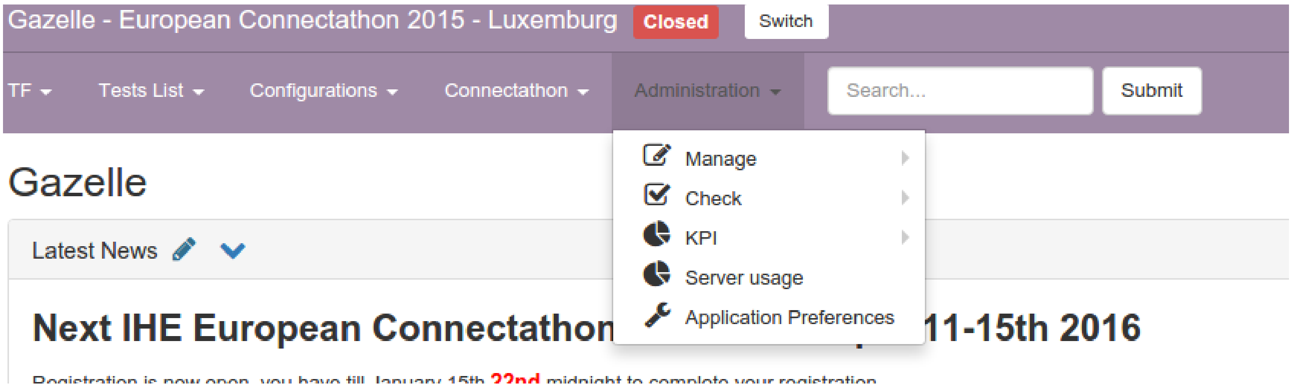
- user name
- first name
- last name
- email
- organization
- Skype account
- table label : the table used in a current testing session CAT
- show sequence diagram: this enable or disable the use of sequence diagram under test plan and test instances, may be important for performance issues
- Display your email address to everybody ? : for security issue we added this optionality
- Display Tool tips ? : a number of tool tip are disabled when user want it

- Results per page : the number of result found by page of search, largely used in seach pages (like for test plan , etc.)
- Spoken languages : the list of spoken languages (useful in CAT)
- user's picture

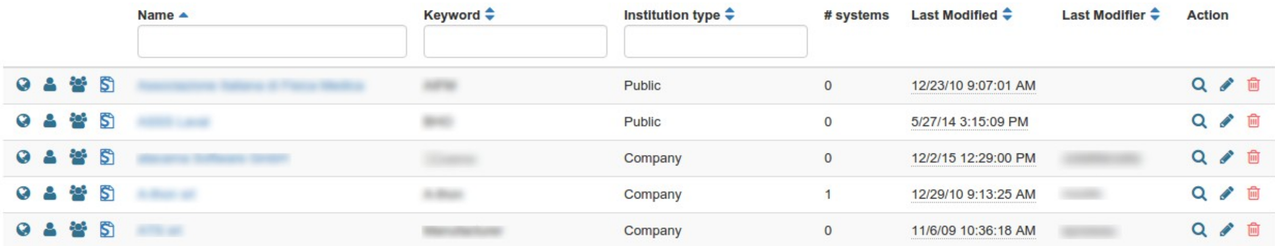
5 Companies/Organizations administration

The administrator has the possibility to edit Administrations registered into gazelle, or to add new organization/companies.

To do so, the admin shall go to menu Administration → Manage → Manage Organizations.



The page of this module looks like this:



For each organization, we can go to :

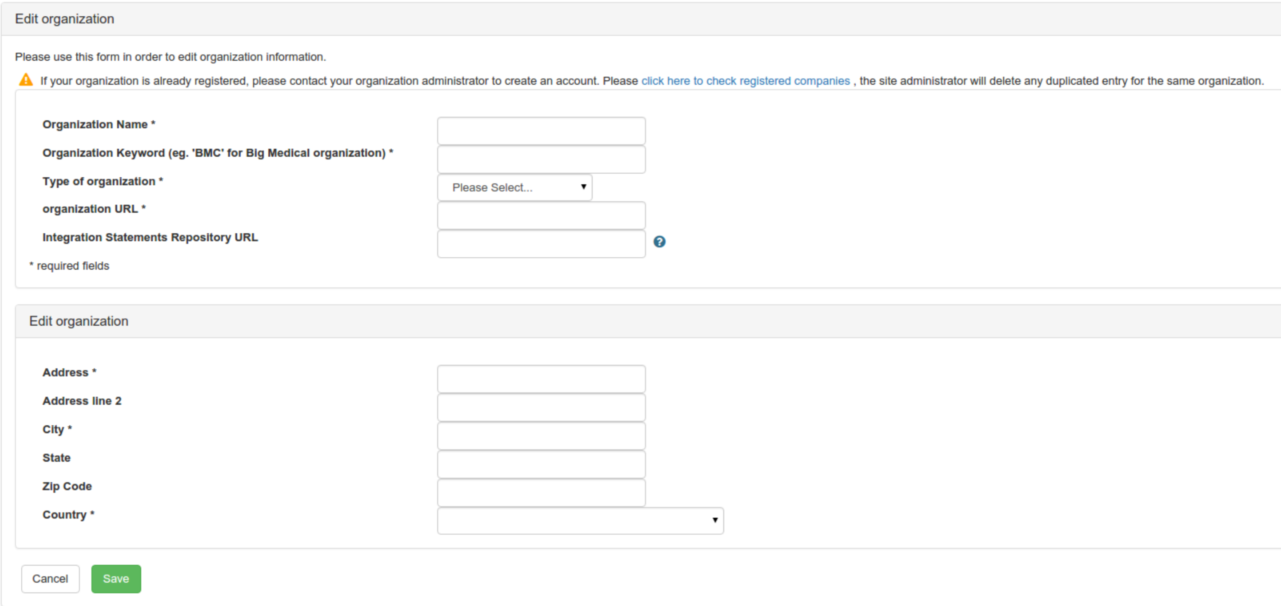
- its website
- the list of users related
- the list of contacts related
- the invoice of the institution

The table describes the information related to the institutions: the name, the keyword; the type, the number of related systems, the last modifier and the last modified time. The administrator has the possibility to view, edit or delete an institution.

5.1 Create New Organization

The administrator is able to create a new administration using the button "Add an organization".

The result of clicking on this button is the organization edit page:



5.2 View Mode

The view mode is possible using the magnifying glass button.

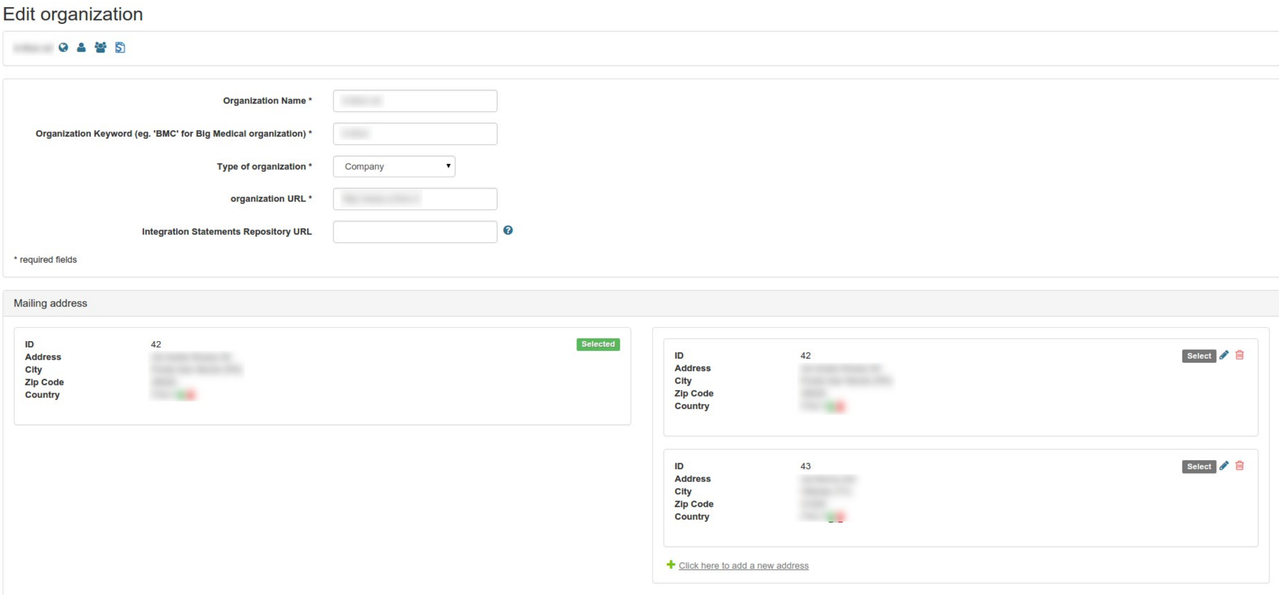
The result of this page is a html description of all the information related to the institution:

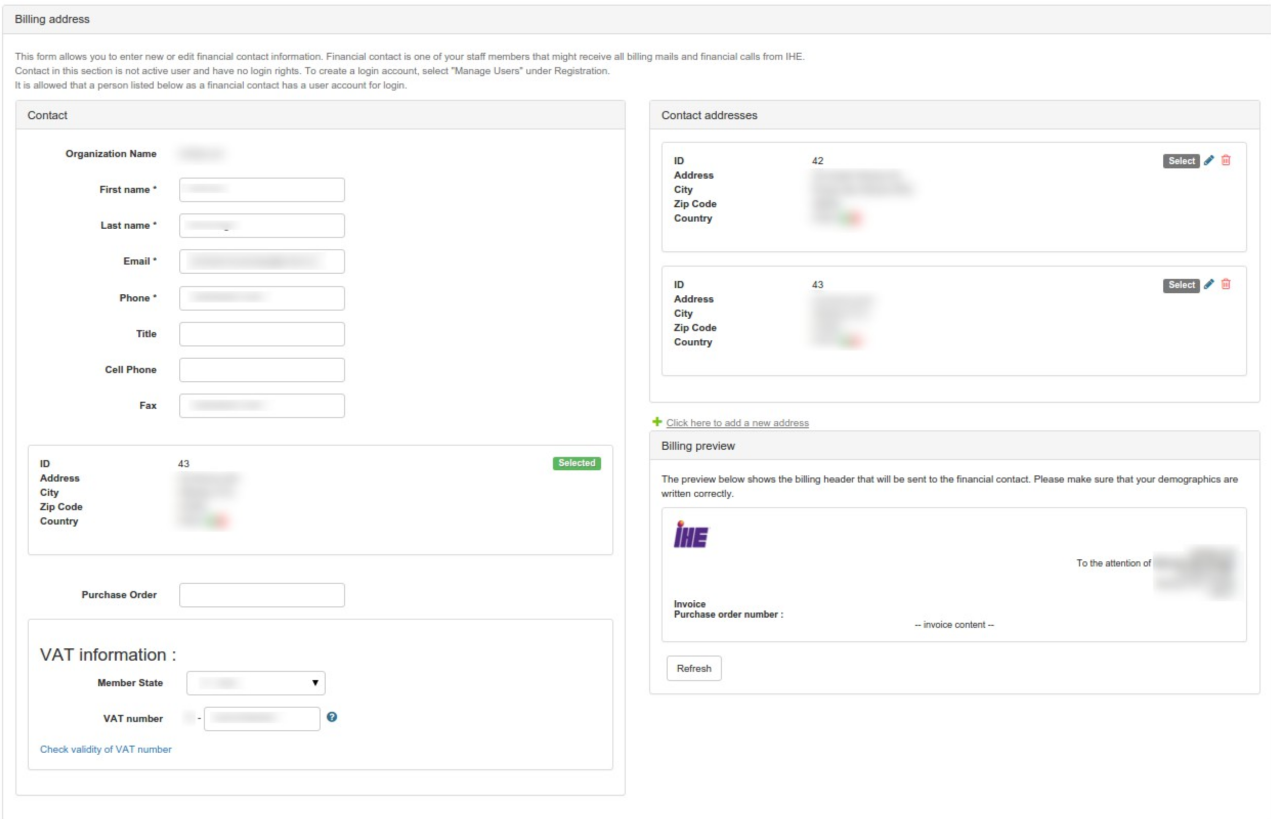
- Organization Demographic Summary
- Mailing address
- The billing address

5.3 Edit Mode

the Edit mode is shown using the button

The result of this page is the same rendering for the vendor who creates the organization, and it looks like this:


Edit organization
Organization Name *
Organization Keyword (eg. 'BMC' for Big Medical organization) *
Type of organization *
Company
organization URL *
Integration Statements Repository URL
* required fields
Mailing address
ID
Address
City
Zip Code
Country
42
Selected
Select
43
Click here to add a new address

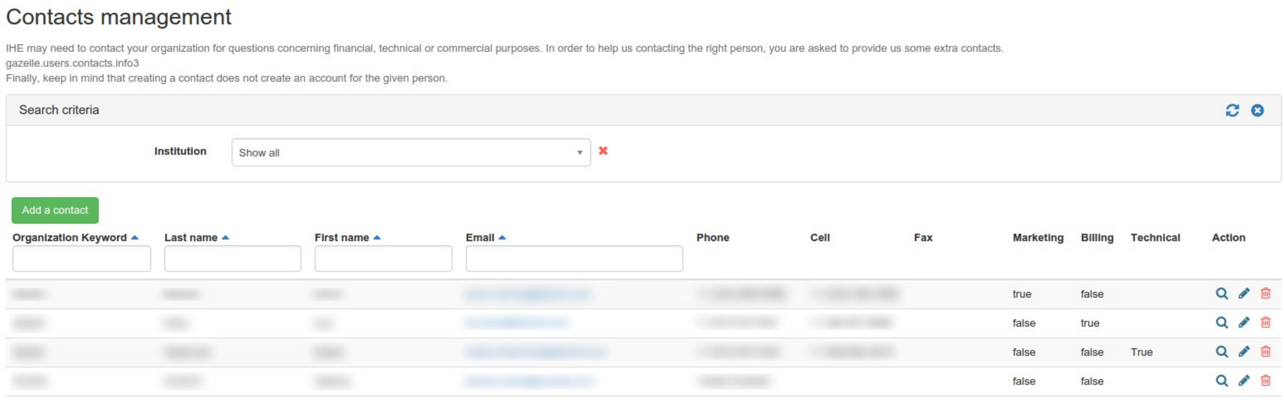

Billing address
This form allows you to enter new or edit financial contact information. Financial contact is one of your staff members that might receive all billing mails and financial calls from IHE.
Contact in this section is not active user and have no login rights. To create a login account, select "Manage Users" under Registration.
It is allowed that a person listed below as a financial contact has a user account for login.
Contact
Organization Name
First name *
Last name *
Email *
Phone *
Title
Cell Phone
Fax
ID
Address
City
Zip Code
Country
43
Selected
Purchase Order
VAT information :
Member State
VAT number
Check validity of VAT number
Contact addresses
42
Select
43
Click here to add a new address
Billing preview
The preview below shows the billing header that will be sent to the financial contact. Please make sure that your demographics are written correctly.
IHE
To the attention of
Invoice
Purchase order number :
-- invoice content --
Refresh

6 Contacts Administration

The admin of gazelle TM can access to the list of contact of organizations, modify, delete or add new ones.

To access the administration of contacts, the admin shall go from the menu to administration -> Manage -> Manage Contacts

The main page looks like this:



The button "Add a contact" allows to add a new contact.

The table describes the information related to contacts registred, and we can filter by organization.

The contacts displayed can be edited or deleted, as a vendor admin can do.

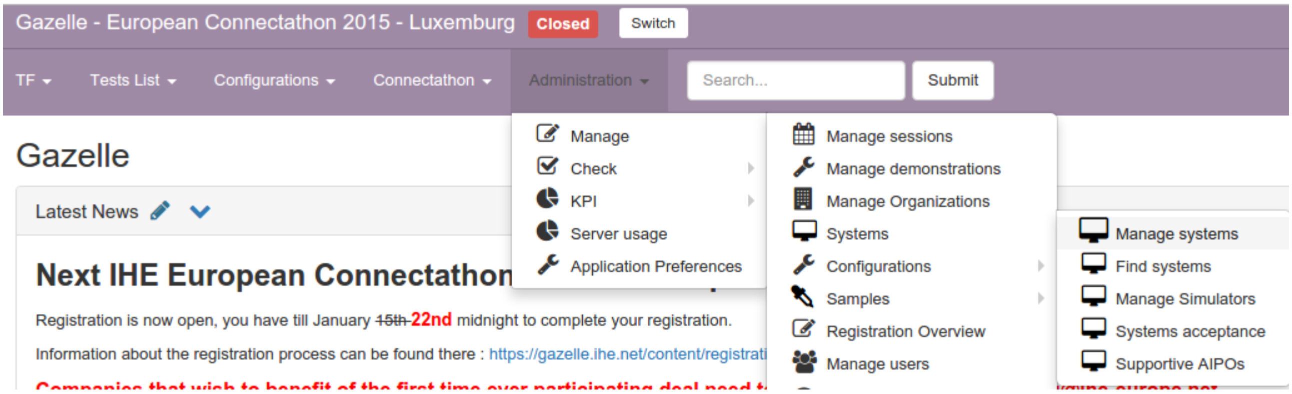
7 Systems administration

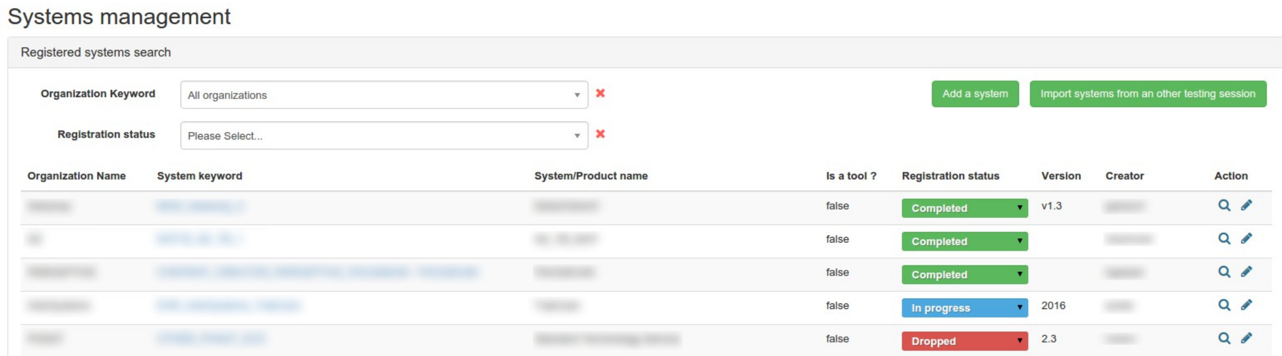
The management of systems contains 6 sub-sections documented below.

7.1 Manage systems

The system management page allows the admin to have the same optionality as the vendor admin, the advantage is the admin is able to edit all the systems related to Gazelle TM.

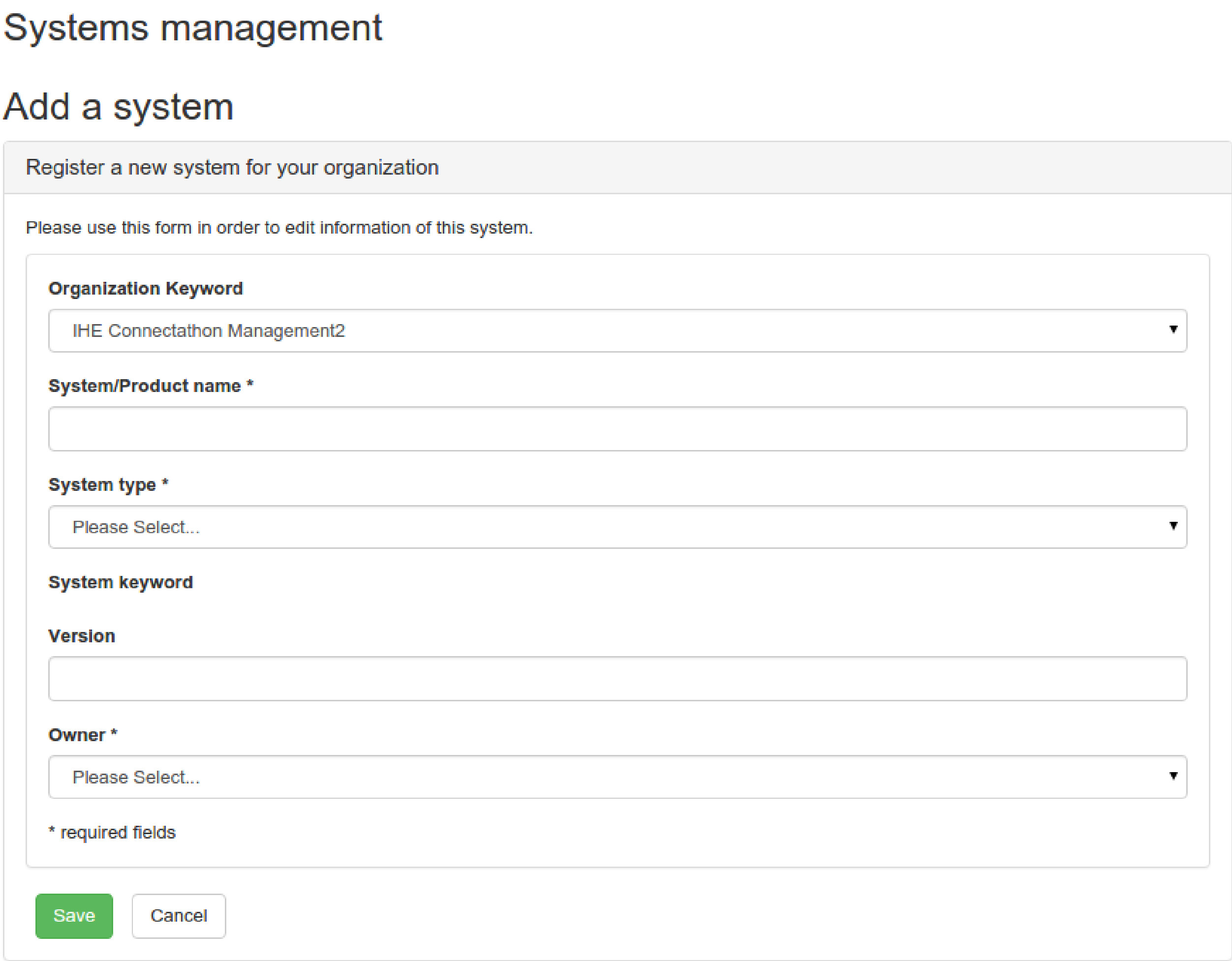
To go to this page, from the menu Administration -> Manage -> System -> Manage systems





7.1.1 Add systems

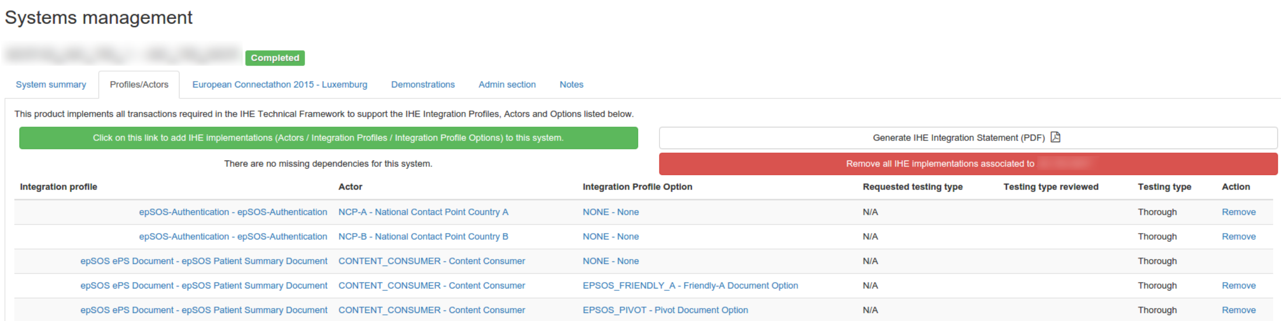
The administrator is able to add new system to gazelle TM for the current testing session, by clicking on the button "add system"



7.1.2 Import Systems

The admin is able to import old systems from other testing session.

7.1.3 Edit Systems



Integration profile	Actor	Integration Profile Option	Requested testing type	Testing type reviewed	Testing type	Action
epSOS-Authentication - epSOS-Authentication	NCP-A - National Contact Point Country A	NONE - None	N/A		Thorough	Remove
epSOS-Authentication - epSOS-Authentication	NCP-B - National Contact Point Country B	NONE - None	N/A		Thorough	Remove
epSOS ePS Document - epSOS Patient Summary Document	CONTENT_CONSUMER - Content Consumer	NONE - None	N/A		Thorough	
epSOS ePS Document - epSOS Patient Summary Document	CONTENT_CONSUMER - Content Consumer	EPSOS_FRIENDLY_A - Friendly-A Document Option	N/A		Thorough	Remove
epSOS ePS Document - epSOS Patient Summary Document	CONTENT_CONSUMER - Content Consumer	EPSOS_PIVOT - Pivot Document Option	N/A		Thorough	Remove

The admin is able to edit information related to existing system in the current session. The information related to the system are:

- system summary (org, name, etc)
- Profiles/actors registred for
- Information related to the session
- demonstrations registred for
- admin information system
- notes (text area)

7.1.4 Update the registration status

The admin is able to update the system registration status (dropped, in progress, completed)

7.1.5 View Systems

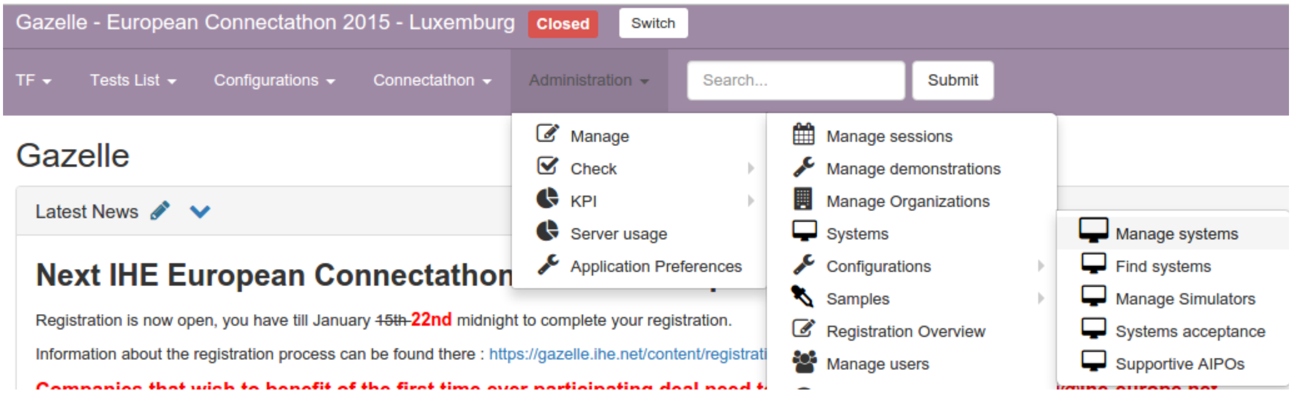
The admin is able to view information related to systems by clicking on the button

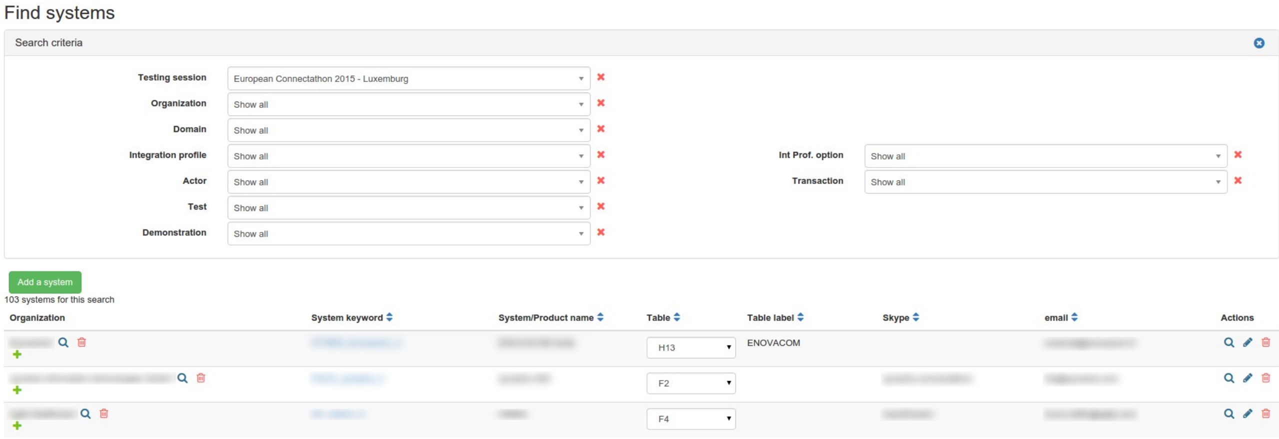
This information is the same in the page of edition of systems.

7.2 Find systems

This page is here to allows the admin to look for systems in the gazelle TM tool.

To go to this page, the admin shall go from the menu Administration → Manage → System → Find systems





This allows to search by

- organization's name
- testing session
- domain
- integration profile
- actor
- test registered for
- demonstration registered for
- integration profile option
- transaction

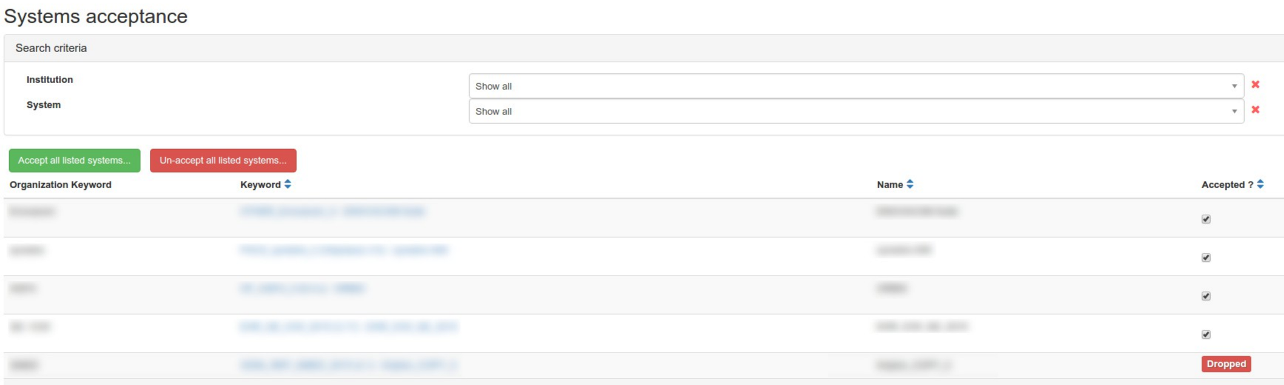
The table of systems provides information about the table where the system are sitting, and the principal contact email.

Also, from this page, the admin is able to edit, add, remove, or view systems informations.

7.3 Systems acceptance

This module is very important, since if the admin does not accept the registered system, it will not be able to execute tests with other partner during the CAT.

To go to this page from the menu Administration → Manage → System → Systems acceptance



The admin is able to filter by Organization keyword or institution, and then he is able to :

- accept all the system in the list
- do not accept all the list systems

and this can be done by clicking on the buttons under the filter from the GUI.

7.4 Supportive AIPOs

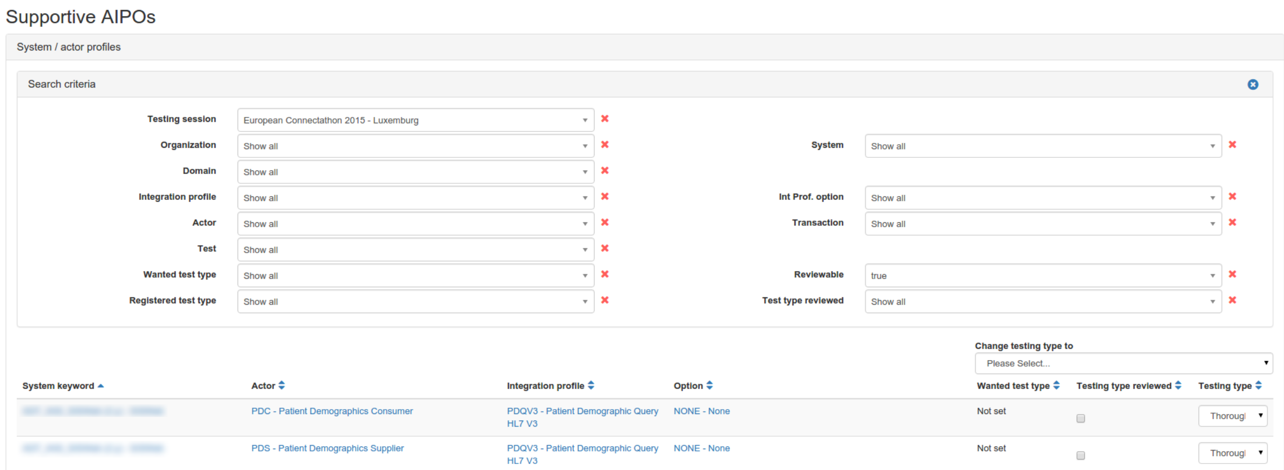
This is the page where admin or testing session manager can grant testing session participating system the ability to participate as "supportive" with a selected list of actor/profiles.

It is not our purpose here to describe what supportive and thorough testing mean. For more information please visit this link

To go to this page, from the menu Administration → Manage → System → Supportive AIPOs

The page offers the ability to use filters in order to get the system information, and is able to set to supportive or to thorough all the systems filtered.

Please also note that it is possible to set the value of the testing type by using the select on the top right of the table. All the entries in the table will then be set in a single click



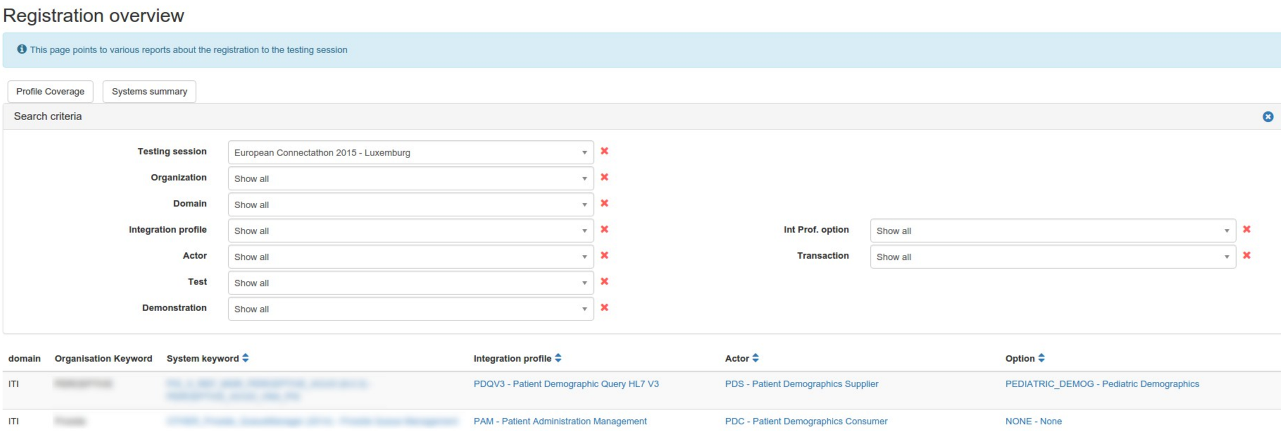
7.5 Registration Overview

The registration overview allows the admin to view the list of profiles and actors by system.

The admin is able to download the coverage of the profiles by systems, and to download the systems summary regarding the profiles.

This help the admin to know which profile/option has missing partners, and what actions should be taken in accordance to this information.

To go to this page, the admin shall go to: Administration → Manage → Registration Overview



8 Administration of Testing Sessions

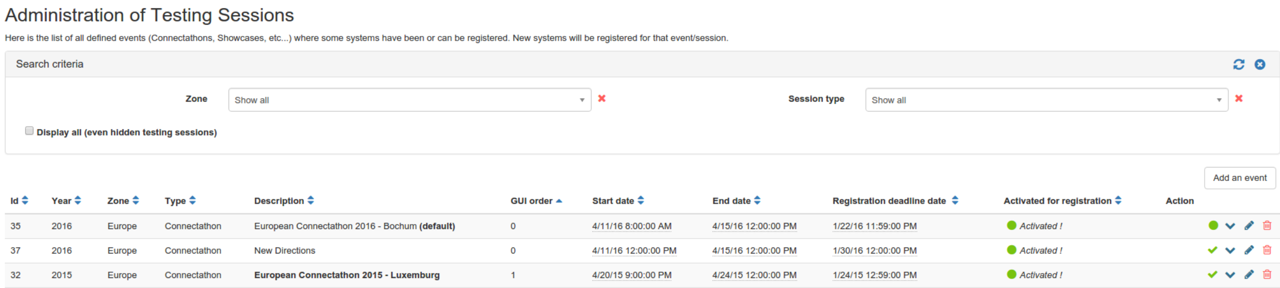
A testing session in Gazelle Test Management is used to manage a testing event. It can be a Connectathon, an accredited testing session, a projectathon or even a virtual testing session. Users registered in the application will be able to create new system for a testing session in particular or to import systems from other events.

The tool is able to manage several sessions at the same time; each session can have a different status.

8.1 Accessing the testing sessions

Management of sessions is performed from menu Administration → Manage → Manage sessions.

The first page you access to list the testing sessions registered in your instance of Gazelle Test Management. The highlighted one (bold font) is the testing session you are currently logged into.



From this page, you can see what are the active testing sessions, active/inactive them, edit them or event delete them. You can also, by clicking on the green tick, set the one which will be used as default when a new user creates an account. Note that logged in user will also be able to acess the activated testing sessions; the other ones will be hidden from the list.

8.2 Creating a new testing session

From the Administration of testing sessions page, click on "Add an event"; a new form will be displayed. The following information are requested

- Year : when the testing event takes place
- Zone : where the testing event takes place
- Type : what type of event are you registering
- Description : will be used as title of the testing session
- Start date : beginning of the testing event itself
- End date : end of the testing event
- Registration deadline : after this date, users will not be able to alter their system (addition/removal of actor/profile)
- Mailing list URL and wiki URL are given for informational purpose only
- Logo URL : can be the link to an image in the tool (/img/gazelle.gif for instance) or an external link. It will be displayed in the right of the page when this testing session is selected by the user)

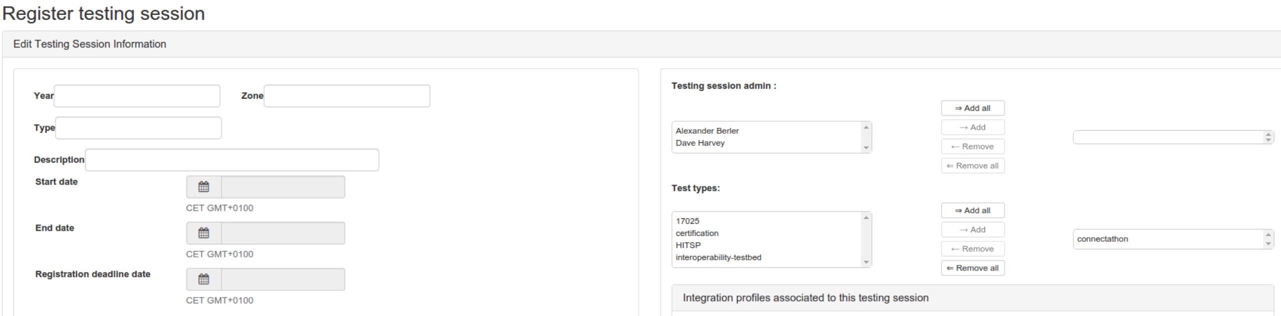
- Link associated to the logo : when clicking on the logo, user will be redirected to that page
- Colour: theme of Test Management can be customised and the background colour can be different for each testing event. Note that the colour of the text will not change, so be careful to use a colour which will still allow the reading of the application
- Order in GUI : used to order the testing session in the pop-up used to change the current testing session of the logged in user

Then you can select several options :

- If this event the default one for new users (Default testing session)
- Is Internet testing enabled (that means that users can enter their SUT endpoints outside of the testing event network)
- Is pre-connectathon testing requested (users will be expected to perform some in-house tests before showing up at the event)
- Is Gazelle Test Management used to manage the badges (Allow Participant registration)
- Hidden from list : if checked, users will not be able to select this testing session
- Critical Status : At some point during the event, you may want users to highlight the test instances they really need; enabling the critical status will allow users to mark some test instances as critical and will then be checked in priority by monitors
- Session closed: if the testing event is closed, users will not be able to create new test instances nor alter others
- Disable auto update result : the Connectathon results are periodically computed, you can disable it for a testing session. Note that you might not want to disable it until a testing event is running since it will also prevent the tool from creating the test plan of the systems.

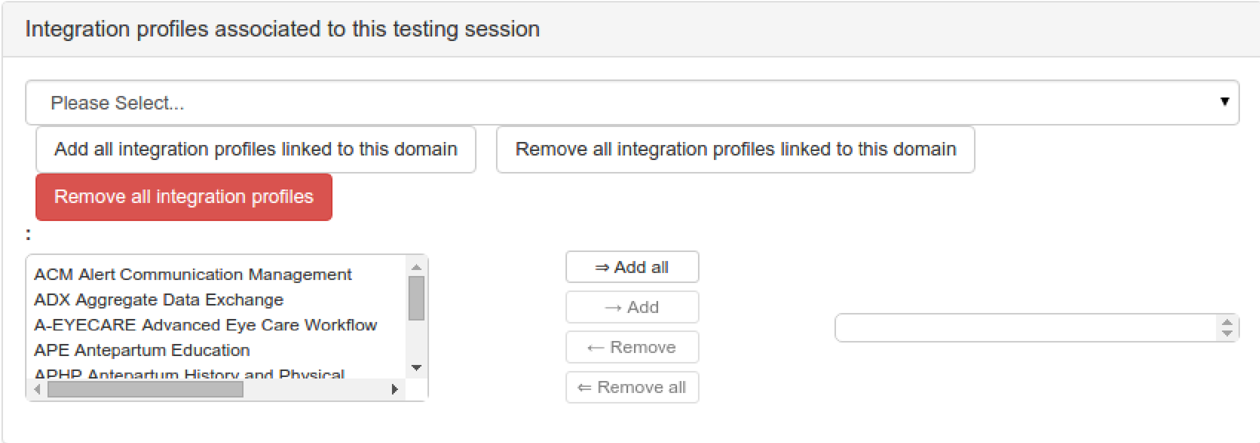
Then you can select a set of test types among the following ones :

- 17025 : used for accredited testing sessions, only tests of type 17025 Cofrac will be displayed to the user
- certification: only tests of type "certification" will be displayed to the user
- Connectathon: only tests of type "Connectathon" will be displayed to the user, this is the testing type to use in most cases
- HISTP was used in the USA in the context of a regional project
- interoperability-testbed enables the ITB (Interoperability Test bed) feature



The testing session administrators are used in the header of the test reports

Then, pick up the integration profiles for which the users will be allowed to register their systems.



8.2.1 Contact information

Here you need to give information about the person to contact for questions about the event.

8.2.2 Certificates menu URL

Depending of the events, the management of certificates is not performed by the same tool. If you want users to share certificates using a specific tool, tick the "Display certificates menu" check box and enter the URL of the tool.

8.2.3 Financial section

Gazelle Test Management can generate the contract and the invoice, if this testing event requires a contract and you want the tool to manage it, tick the check box "Required a contract ?".

Note that the rule for computing fees currently applies in Gazelle Test Management is the following:

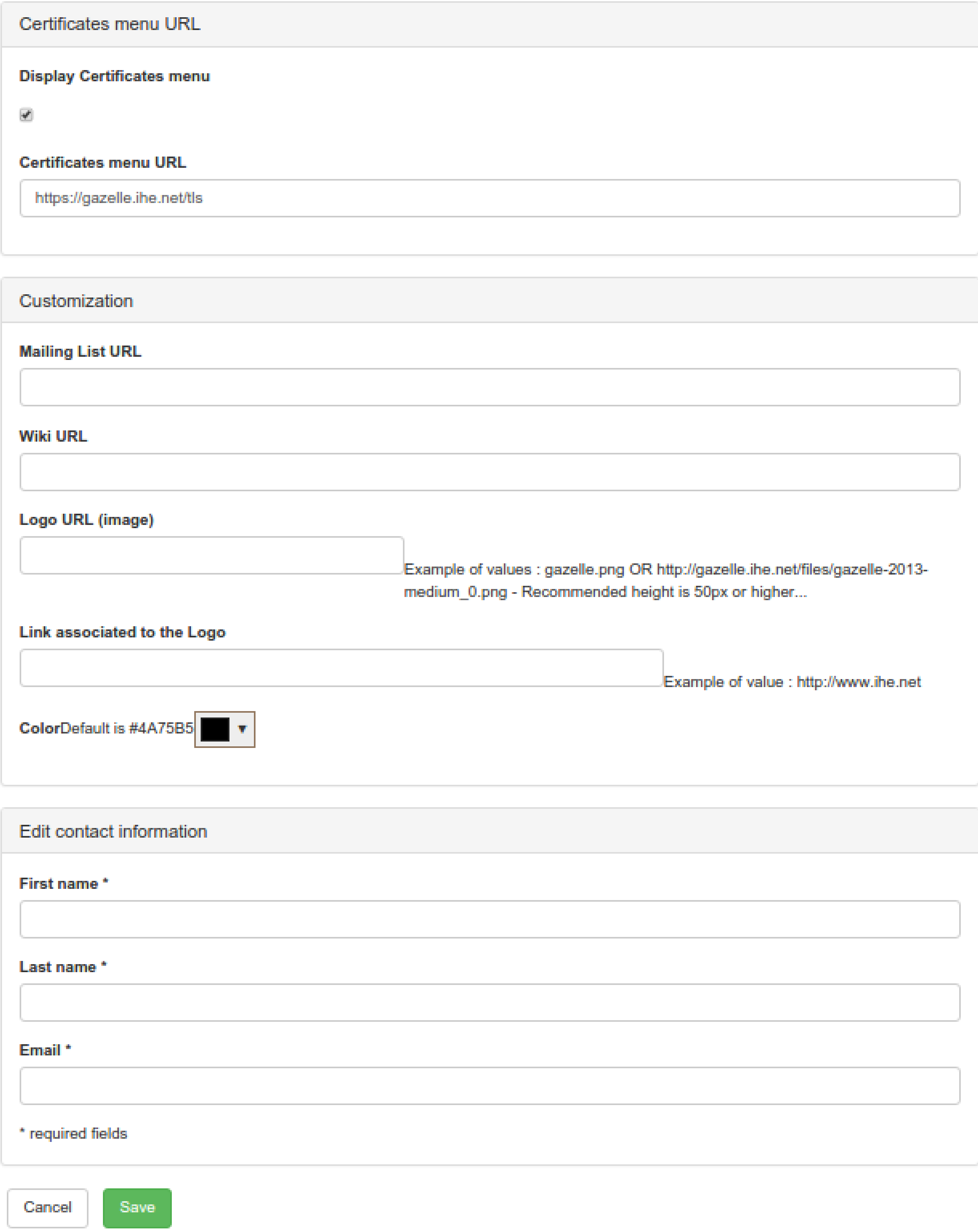
The amount is relative to the number of systems the company has registered, and marked "completed". You can state that the price for the first system is different from the one for the following. Regarding the fees for additional participants, it is the amount due per participant when the number of participants is strictly higher than 2 times the number of systems.

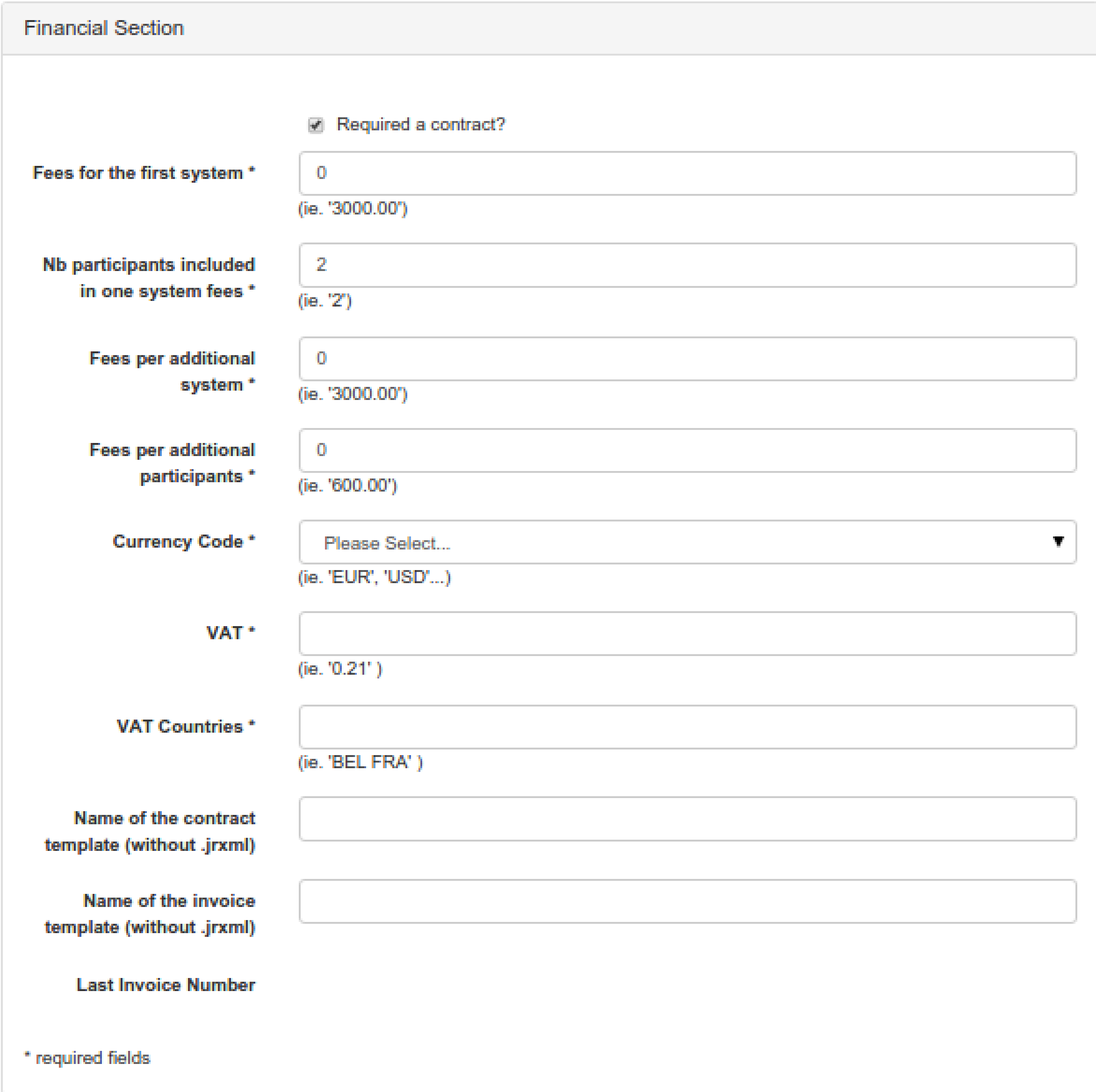
Currency code is used to express the currency to be used. Then you can custom the VAT and give the list of country VAT it the VAT of the country applies instead the global one (that's the case in Europe).

Finally, the contract and the invoice are generated based on a Jasper report, you need to provide the location of those *.jrxml files.

8.2.4 Testing management

From this point, you can randomly generate test instances for testing the tool. You can also delete all the test instances to reset the testing session.

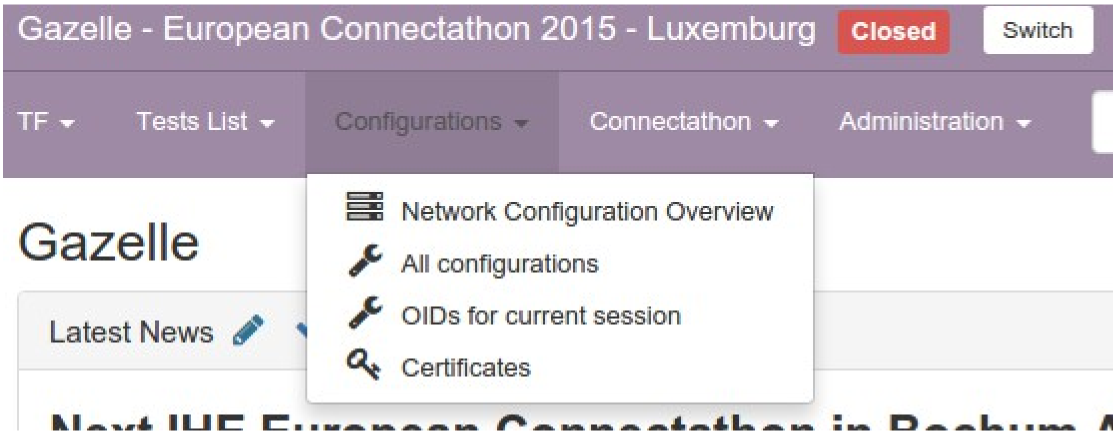

Certificates menu URL
Display Certificates menu
Certificates menu URL
https://gazelle.ihe.net/tls
Customization
Mailing List URL
Wiki URL
Logo URL (image)
Example of values : gazelle.png OR http://gazelle.ihe.net/files/gazelle-2013-medium_0.png - Recommended height is 50px or higher...
Link associated to the Logo
Example of value : http://www.ihe.net
ColorDefault is #4A75B5
Edit contact information
First name *
Last name *
Email *
* required fields
Cancel
Save


Financial Section
Required a contract?
Fees for the first system *
0
(ie. '3000.00')
Nb participants included in one system fees *
2
(ie. '2')
Fees per additional system *
0
(ie. '3000.00')
Fees per additional participants *
0
(ie. '600.00')
Currency Code *
Please Select...
(ie. 'EUR', 'USD'...)
VAT *
(ie. '0.21')
VAT Countries *
(ie. 'BEL FRA')
Name of the contract template (without .jrxml)
Name of the invoice template (without .jrxml)
Last Invoice Number
* required fields

9 Systems Configurations Administration

The system configuration administration is divided into 3 parts, reachable from the Administration → Manage → Configurations menu

- Manage Hosts' configuration : manage the host name and IP addresses assigned to systems for the event (in the event floor)
- All configurations : manage all the configuration of all the systems
- OIDs management : manage the OIDs to be used by system during the event



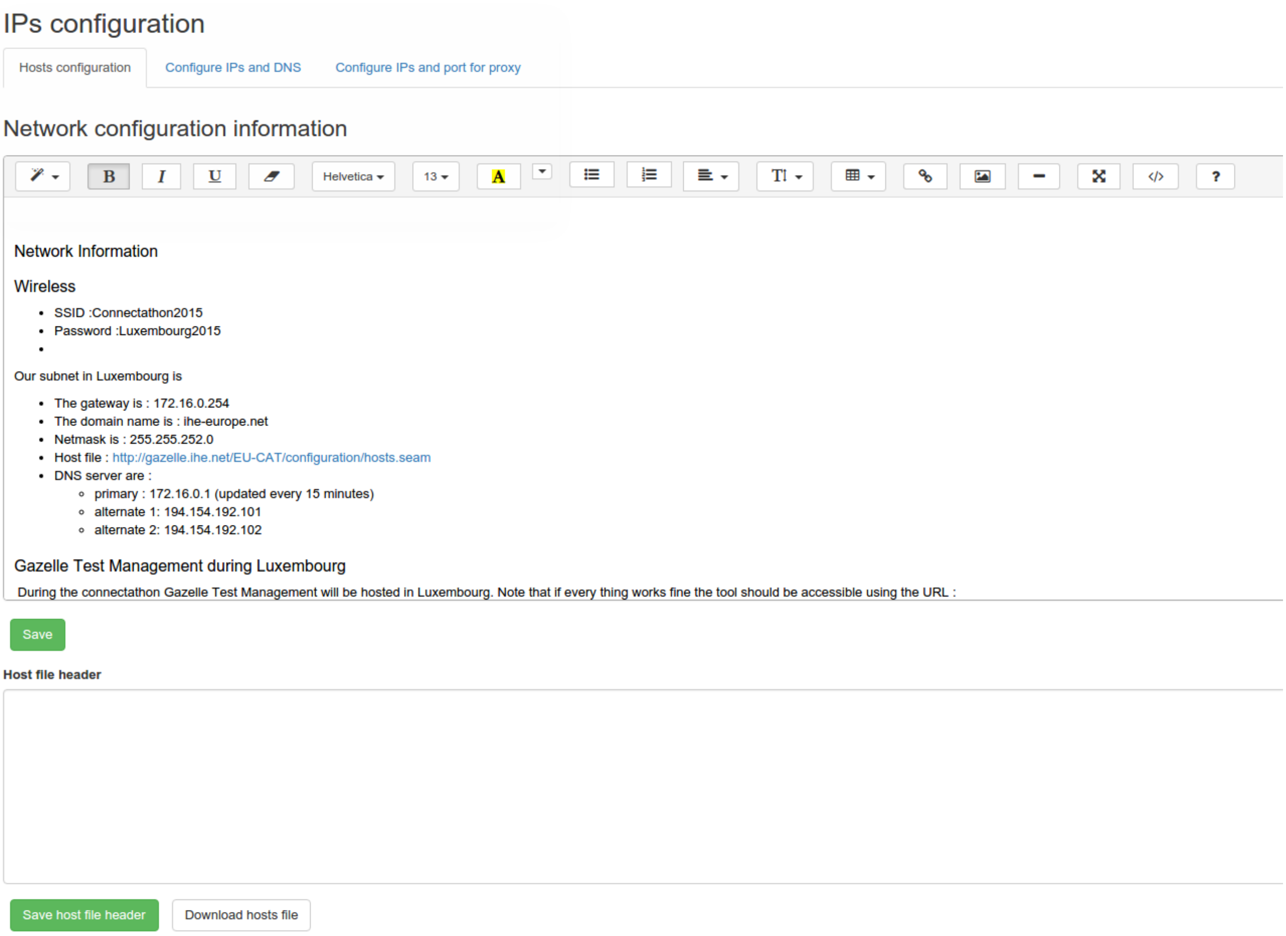
9.1 Network Configuration

Before managing the hosts and the system network configurations, you need to configure the network of the testing event. To do this, go to Configurations --> Network configuration Overview. This page is made of three sections materialized by three tabs.

9.1.1 Hosts configuration

This page shows to text area. In the first one, you can give tips to the user regarding the network configuration during the event. We usually provide the Wireless SSID and keys, the subnet information (net mask, gateway, DNS server, internal domain name and so on), the URL of the tools and their IP addresses.

In the second area, you are requested to provide the header of the host file so that people will be able to download a complete host file gathering the host names and addresses of all the systems connected during the Connectathon.



Participants to the testing session who do not want to use DNS can download the host file and use it to configure their system. THIS OPTION IS NOT RECOMMENDED BUT WAS IMPLEMENTED FOR ONE DEVICE THAT COULD NOT USE DNS. DNS IS THE PREFERRED SOLUTION AS IT IS DYNAMIC !

- Configuration of host file on windows system
- Configuration of host file on MacOsX system
- Configuration of host file on Linux system

9.1.2 Configure IP and DNS

Filling out those information will help the tool with assigning IP addresses and build the DNS and DNS reverse file.

Example of DNS file header and DNS reverse file header are provided below.

```
;
; BIND data file for local loopback interface
;
$TTL    604800
@    IN      SOA     ihe-europe.net. root.localhost. (
                              1         ; Serial
                         604800         ; Refresh
                          86400         ; Retry
                        2419200         ; Expire
                         604800 )       ; Negative Cache TTL
;
@                      IN      NS      ihe-europe.net.
@                   IN      A       127.0.0.1
$ORIGIN            ihe-europe.net.
;
;
;
ntp                   IN  A 192.168.0.10
dns                   IN  A 192.168.0.10
ihe-eu0             IN  A 192.168.0.10
gazelle             IN  A 192.168.0.10
proxy               IN  A 192.168.0.10
printer              IN  A 192.168.0.10
syslog            IN  A 192.168.0.13
central-archive      IN  A 192.168.0.11
central    IN  A 192.168.0.11
gazelle-tools     IN  A 192.168.0.13
dvtk    IN A 192.168.0.12
```

```
$ORIGIN 168.192.in-addr.arpa.
$TTL    86400
@       IN      SOA     ihe-europe.net. root.ihe-europe.net. (
                              1         ; Serial
                         604800         ; Refresh
                          86400         ; Retry
                        2419200         ; Expire
                          86400 )       ; Negative Cache TTL
; authoritative name server
;       NS      127.0.0.1
@       IN      NS      dns.ihe-europe.net.
;
10.0  PTR     dns.ihe-europe.net.
10.0  PTR     ihe-eu0.ihe-europe.net.
10.0  PTR     proxy.ihe-europe.net.
11.0  PTR     central.ihe-europe.net.
11.0  PTR     central-archive.ihe-europe.net.
12.0  PTR     dvtk.ihe-europe.net.
12.0 PTR     connectathon2014.ihe-europe.net.
13.0 PTR     syslog.ihe-europe.net.
13.0 PTR     gazelle-tools.ihe-europe.net.
```

IPs configuration

Hosts configuration | Configure IPs and DNS | Configure IPs and port for proxy

IPs and DNS Configuration

Beginning of IP range *

172.16.0.30

End of IP range *

172.16.3.255

Number of addresses available: 726 / 985

Subnet mask *

255.255.252.0

Domain name *

ihe-europe.net

(ie. ihe-europe.net)

DNS server's IP *

172.16.0.1

DNS file header

```
;
; BIND data file for local loopback interface
;
$TTL    604800
@   IN    SOA    ihe-europe.net. root.localhost. (
                  1        ; Serial
                604800       ; Refresh
                 86400       ; Retry
               2419200       ; Expire
                604800 )     ; Negative Cache TTL
;
@                 IN    NS     ihe-europe.net.
@               IN    A      127.0.0.1
$ORIGIN          ihe-europe.net.
;
;
;
www            IN A 131.254.209.12
ntp            IN  A 172.16.0.1
dns            IN  A 172.16.0.1
gazelle        IN  A 172.16.0.2
proxy          IN  A 172.16.0.2
luxembourg IN A 172.16.0.4
printer        IN  A 172.16.0.10
syslog         IN  A 172.16.0.13
mini        IN  A 172.16.0.25
central-archive    IN  A 172.16.0.25
central   IN  A 172.16.0.25
gazelle-tools    IN  A 172.16.0.28
conformity-assessment-testing IN A 172.16.0.3
dvtk    IN A 172.16.0.12
alfresco IN A 94.23.214.173
```

Download DNS file

DNS Reverse file header

```
$ORIGIN 16.172.in-addr.arpa.
$TTL    86400
@    IN    SOA    ihe-europe.net. root.ihe-europe.net. (
                  1        ; Serial
               604800       ; Refresh
                86400       ; Retry
              2419200       ; Expire
                86400 )     ; Negative Cache TTL
; authoritative name server
;     NS     127.0.0.1
@     IN     NS     dns.ihe-europe.net.
;
1.0  PTR    dns.ihe-europe.net.
3.0 PTR conformity-assessment-testing.ihe-europe.net.
1.0  PTR    proxy.ihe-europe.net.
25.0  PTR    central.ihe-europe.net.
25.0  PTR    central-archive.ihe-europe.net.
12.0  PTR    dvtk.ihe-europe.net.
13.0 PTR    syslog.ihe-europe.net.
28.0 PTR    gazelle-tools.ihe-europe.net.
25.0 PTR   mini.ihe-europe.net.
49.0 PTR  nist1.ihe-europe.net.
2.0 PTR gazelle.ihe-europe.net.
2.0 PTR gazelle.ihe.net.
4.0 PTR luxembourg.ihe-europe.net.
5.0 PTR perceptive-cas.ihe-europe.net.
6.0 PTR a-thon-cas.ihe-europe.net.
7.0 PTR ge-cas.ihe-europe.net.
8.0 PTR forcare2-cas.ihe-europe.net.
9.0 PTR forcare-cas.ihe-europe.net.
10.0 PTR ge2-cas.ihe-europe.net.
```

Download DNS reverse file

Hosts file: Download hosts file

Save network config

9.1.3 DNS automatic configuration on the server

In order to automatically update the DNS configuration on the server that is hosting the Gazelle Test Management application, one need to run the following script update_dns.csh

- Download the script and place it in the directory /opt/gazelle/dns
- install bind9 on the server :

```
>> apt-get install bind9
```

You also need to configure bind9 (see documentation) in order to add a new zone that matches the requirement of the network on your session.

In the file /etc/bind/named.conf.local add a line specific to your zone

```
>> include "/etc/bind/named.conf.ihe-zones"
```

Here is an example of the file named.conf.ihe-zones as used at one of our event for illustration. Note that the file makes references to the 2 files created by the update_dns.csh script :

```
zone "ihe.net" IN {
  type master;
  file "/etc/bind/zones.ihe.net";
  forwarders {
        213.33.99.70;
        };
};


zone "ihe-europe.net" IN {
  type master;
  file "/etc/bind/db.192.168";
  forwarders {
        213.33.99.70;
        };

};
zone "168.192.in-addr.arpa" {
  type master;
  file "/etc/bind/reverse.192.168";
};
```

Finally edit the script update_dns.csh and configure it in order to match the configuration of your network and the session in use.

Currently the DNS can only be updated for ONE SINGLE testing session.

We recommend to use a cron to automatically update the DNS configuration on the server

```
>> */15 * * * * /opt/gazelle/dns/update_dns.csh
```

Then SUT can be configured to point to the DNS server that is configured that way.

- Configuration of DNS client on windows system
- Configuration of DNS client on MacOsX system

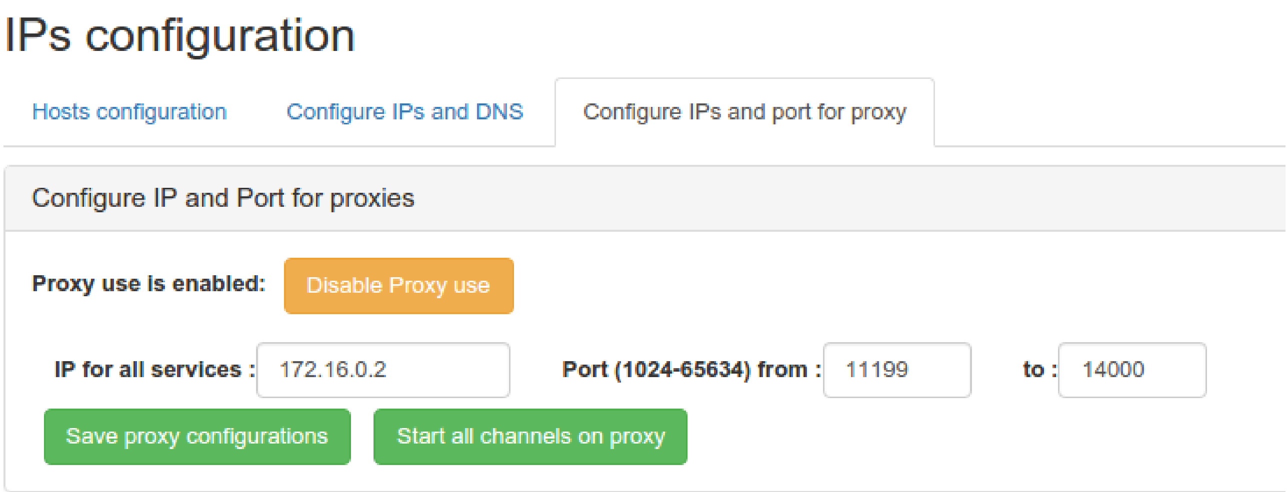
- Configuration of DNS client on Linux system

9.1.4 Configure IP and port for proxy

You may have configure the URL of the proxy in the application preferences. However, you might not want to use the Gazelle Proxy tool for all the testing event registered in the tool. From this page, you can enable/disable the use of the proxy during the event. In order to help users with using the Proxy, you are asked to provide the IP address used to contact it.

When generating the system network configurations, if the proxy is enabled, each configuration will have a proxy port assigned. You need to provide the range of port used by the proxy so that the tool knows which values are allowed.

From this page, you can also start all the channels on the proxy; that means that the tool will gather all the system network configuration of receivers and tell the proxy to open the corresponding ports.



9.2 Manage Hosts' configuration

The list of hosts which is displayed on that page is restricted to the host assigned to the systems from the testing session you are currently logged in. If you need to access the list of hosts for another testing event, you need to change your testing session from the Gazelle --> Change testing session menu.

From the Manage Hosts' configuration page, you can assign internal IP addresses to all the hosts/systems registered for the testing event or you can even release all the IP addresses. The latter means that for each host defined in this testing session, the IP address will be set to null.

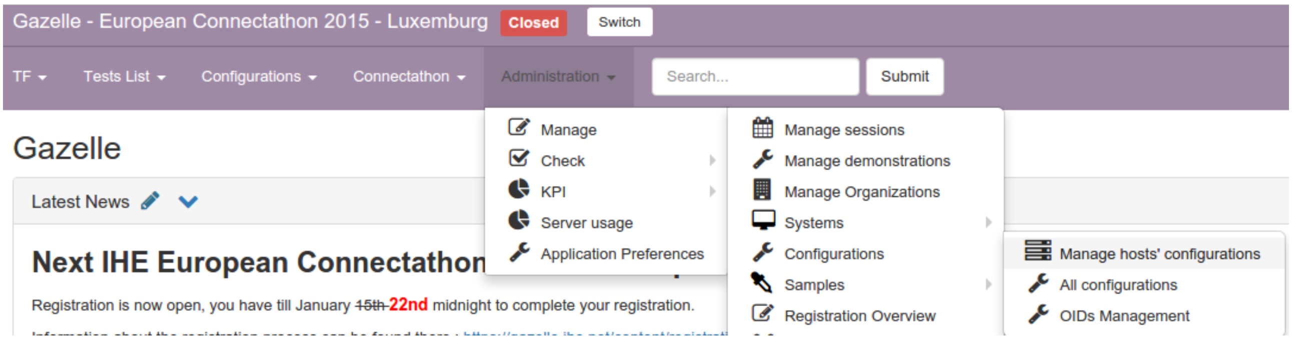
- A host name in Gazelle Test Management has the following attribute
- The system it is assigned to
- The host name
- An alias for this host name
- The assigned IPv4 address
- A comment about its usage

You can edit each host and then get additional options/informations:

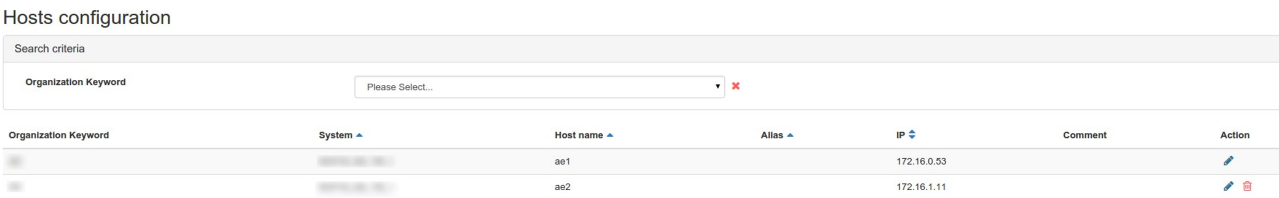
- Is the host external to the testing event network
- Assign the next available IP address from the range defined for the event

9.3 All configurations

A network system configuration gives information to the user on how to configure their systems for the testing event and how to reach the systems of their partners for testing. Which type of configuration is requested by each actor is defined in Gazelle Master Model.



From menu Administration → Manage → Configurations → All configurations, you will access the list of configurations defined for the testing session you are currently logged in. From this page, you can edit each configuration one by one, approve it (it is usually an action to be performed by the SUT operator) or delete it.



"Add a config" button will allow you to create a new entry in the list for a system registered in the testing session you are currently logged in.

"Generate configs for selected session" will generate all the entries for all the systems registered in the testing session. Note that this task is long and performed in background; you will have to refresh the page latter on to get the list of configurations.

Note that if you select an Organization in the filter available at the top of the page, you will get a button to generate the configurations for all the systems owned by this organization; if you select a system from this same filter, you will get a button to generate the configuration for this specific system.

9.4 OIDs management

In some profiles, the messages or the documents described must be populated with OIDs. An Object Identifier shall be unique, it is composed of a root, managed by an authority and the rest manage by the system to which the root is assigned; in order to help vendor to configure their system, Gazelle Test Management offers a feature to manage the OID roots.

From menu Administration → Manage → Configuration → OIDs management, you will access a page divided into four tabs; they are described below:

9.4.1 OID - System assignment

In this tab, you will find the list of OID roots assigned to the systems registered within the tool. You can filter the list by testing session; knowing that the testing session set when you accessed the page is the testing session you are currently logged into.

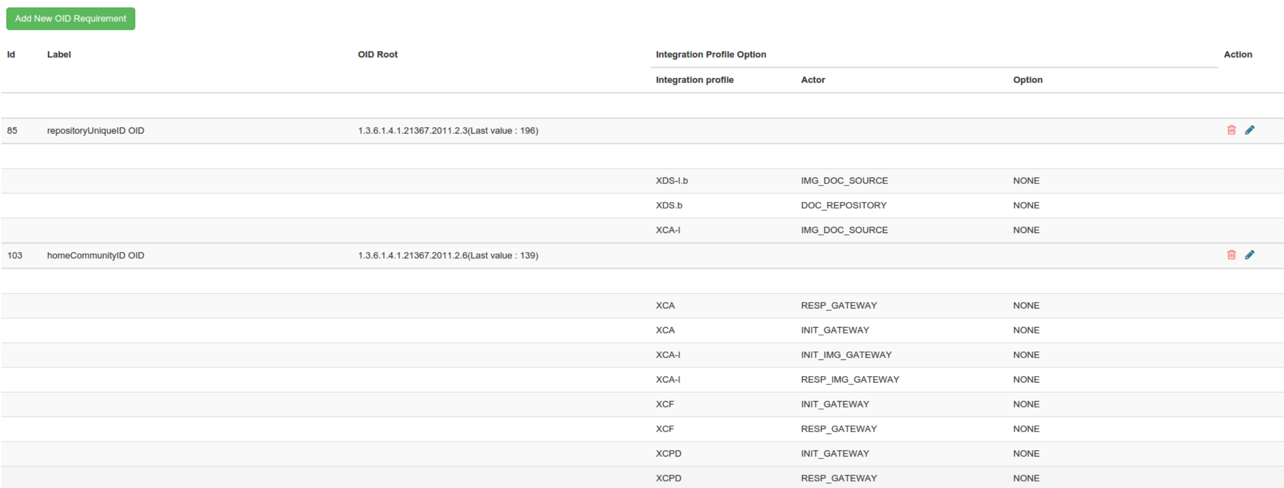
Note that you can edit those values by clicking on the edit icon.

9.4.2 OID requirements

This section allows the administrator of the tool to define for which actors OIDs need to be defined and what this OID will be used for. You can edit, delete or create requirements. Before creating a new requirement, if you intent to use an OID different from the ones already used, first jump to OID Roots tab to define a new OID. Note that those OID requirements are common to all the testing sessions.

When you edit or create a requirement, you are ask to provide the list of Actor/Integration Profile/ Option tuples to which it applies; to do so, use the "add AIPO" button; select your AIPO and click on the "Add new AIPO" button.

You can also remove an AIPO from the list, only click on the red cross in the table on the corresponding line.

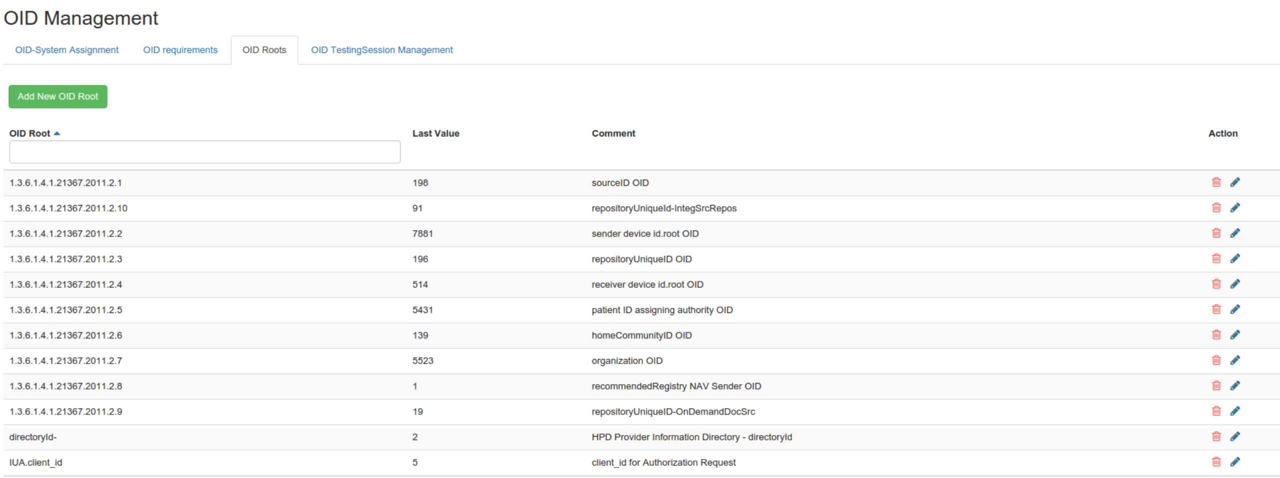

Add New OID Requirement

Id	Label	OID Root	Integration Profile Option			Action
			Integration profile	Actor	Option	
85	repositoryUniqueID OID	1.3.6.1.4.1.21367.2011.2.3(Last value : 196)				
			XDS-I.b	IMG_DOC_SOURCE	NONE	
			XDS.b	DOC_REPOSITORY	NONE	
			XCA-I	IMG_DOC_SOURCE	NONE	
103	homeCommunityID OID	1.3.6.1.4.1.21367.2011.2.6(Last value : 139)				
			XCA	RESP_GATEWAY	NONE	
			XCA	INIT_GATEWAY	NONE	
			XCA-I	INIT_IMG_GATEWAY	NONE	
			XCA-I	RESP_IMG_GATEWAY	NONE	
			XCF	INIT_GATEWAY	NONE	
			XCF	RESP_GATEWAY	NONE	
			XCPD	INIT_GATEWAY	NONE	
			XCPD	RESP_GATEWAY	NONE	

OID Roots

Here are listed all the OID roots which are used to build OIDs; the last value coming from the database is already displayed there. For each root, you can also provide a comment to inform the users what this root is used for.

You can edit and delete root OID, you can also create new ones; only click on the "Add a new OID Root" button and fill out the form which appears in the pop-up. Note that those roots are common to all the testing sessions.

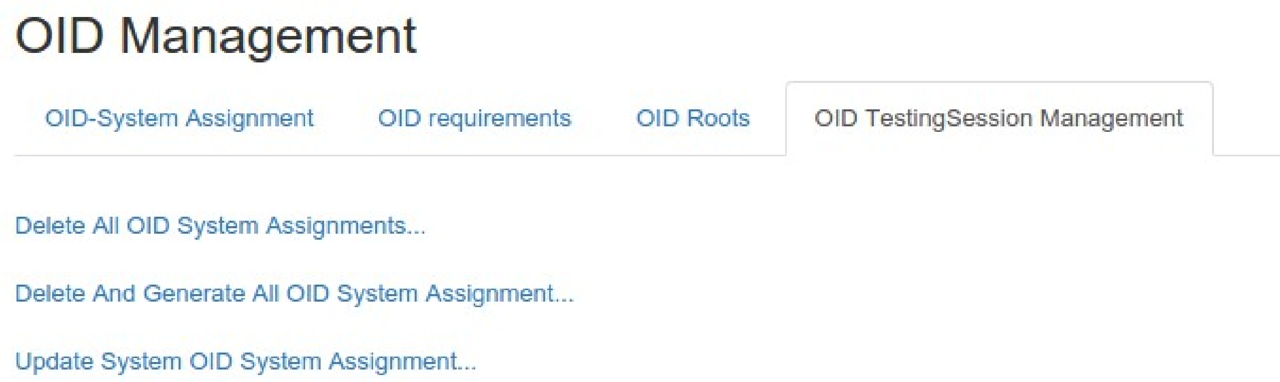


OID Root	Last Value	Comment	Action
1.3.6.1.4.1.21367.2011.2.1	198	sourceID OID	
1.3.6.1.4.1.21367.2011.2.10	91	repositoryUniqueId-IntegSrcRepos	
1.3.6.1.4.1.21367.2011.2.2	7881	sender device id.root OID	
1.3.6.1.4.1.21367.2011.2.3	196	repositoryUniqueID OID	
1.3.6.1.4.1.21367.2011.2.4	514	receiver device id.root OID	
1.3.6.1.4.1.21367.2011.2.5	5431	patient ID assigning authority OID	
1.3.6.1.4.1.21367.2011.2.6	139	homeCommunityID OID	
1.3.6.1.4.1.21367.2011.2.7	5523	organization OID	
1.3.6.1.4.1.21367.2011.2.8	1	recommendedRegistry NAV Sender OID	
1.3.6.1.4.1.21367.2011.2.9	19	repositoryUniqueID-OnDemandDocSrc	
directoryId-	2	HPD Provider Information Directory - directoryId	
IUA.client_id	5	client_id for Authorization Request	

OID Testing Session Management

From this section, you are allowed to perform three actions:

- Removing all the OIDs which have been assigned to the systems registered to the current testing session
- Removing and generating again all the OIDs for the current testing session
- Updating the OIDs assigned to the systems; that means that systems which have been newly added will get OIDs and if no requirements have been creating, they will be applied to the concerning systems.

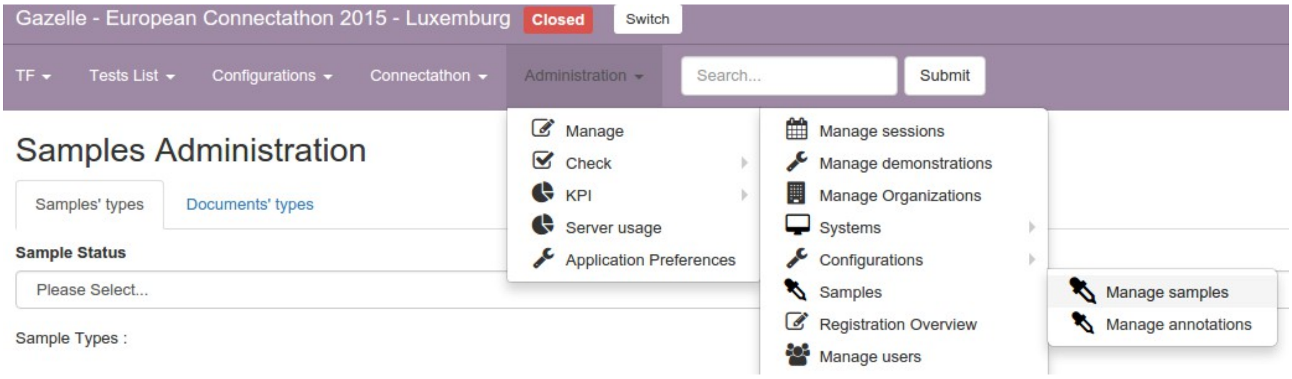


10 Samples Administration

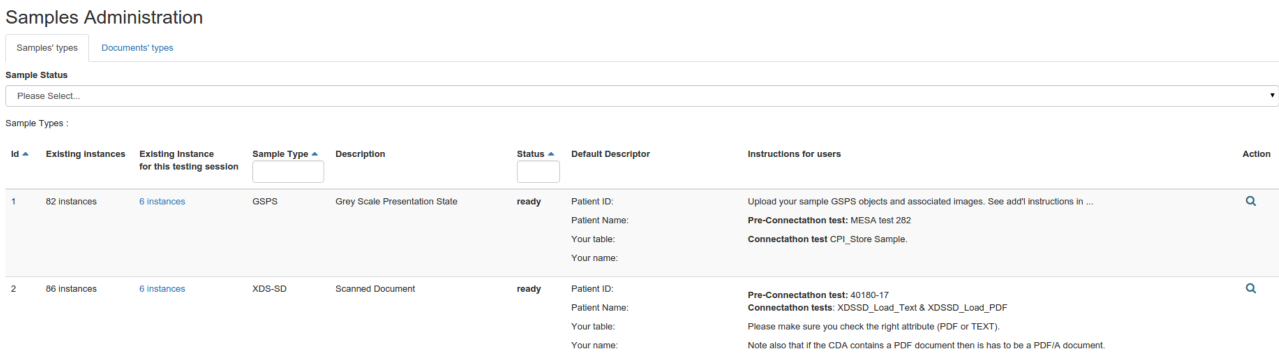
10.1 Sample Type management

The sample type view mode is accessible for the admin of Gazelle TM when the tool act as Test Management mode, or as master model mode. However, the edition of samples type is accessible only when master model mode is activated.

To access the sample type management, from menu -> administration -> manage -> samples -> Manage samples



The home page of sample type management looks like

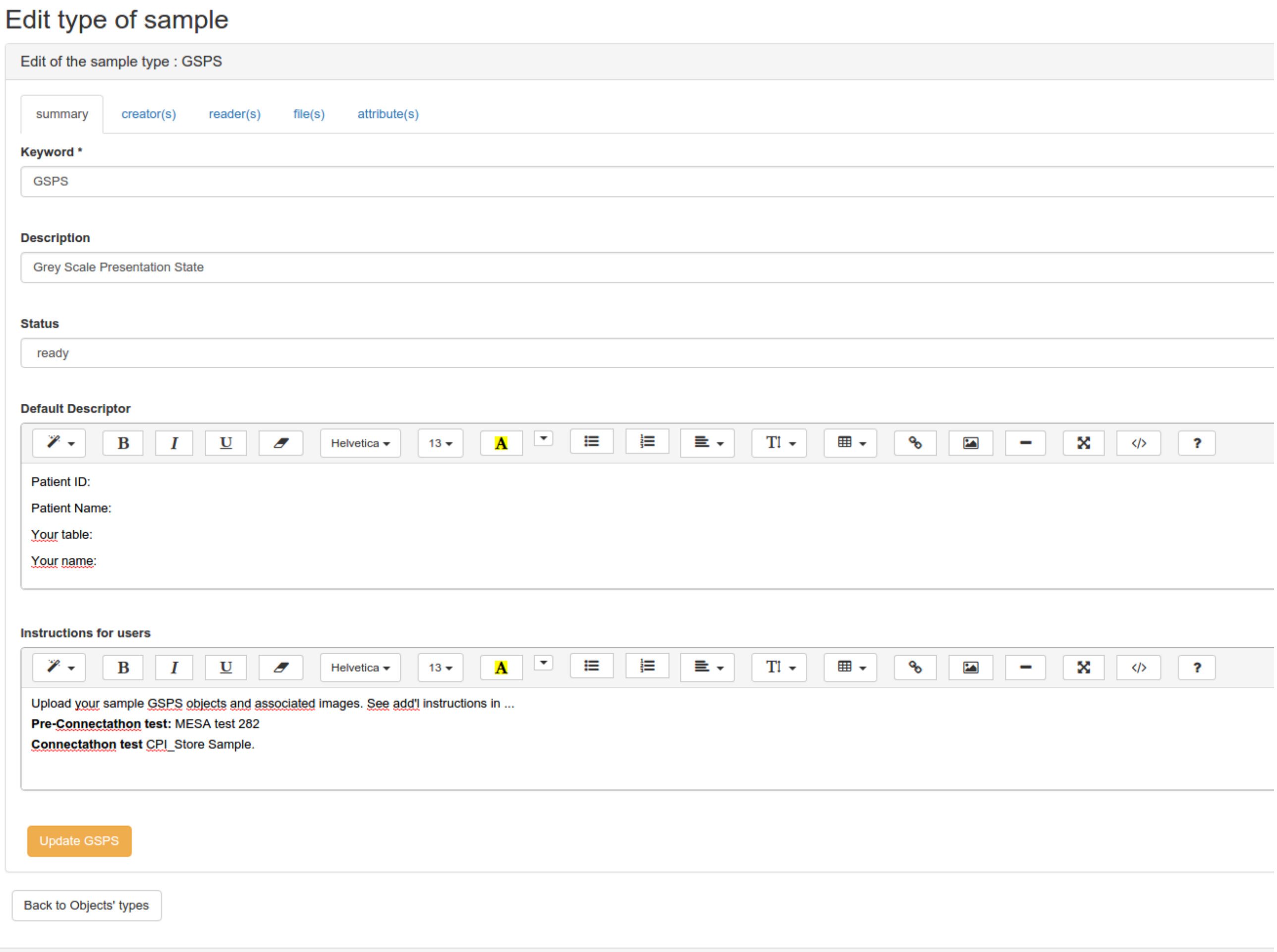


The module Sample management contain two panel : sample type management and document type management.

The document types are used to describe files used in sample type description.

10.2 Sample Type edition

To edit sample type, we use the icon edit



The GUI of edition of sample type contain :

- summary : the description of the sample type
- creators : the list of creators of the sample type
- readers : the list of readers of sample type
- files : the list of files related to the sample type
- attributes : the list of attributes that could be selected for the sample type

Edit type of sample

Edit of the sample type : GSPS

summary creator(s) reader(s) file(s) attribute(s)

Id	Attribute Type	Description
17	Bitmap Display Shutter	Dicom Part 3 C7.6.15
23	Modality LUT	Dicom Part 3 C11.1
16	Mask	Dicom Part 3 C7.6.10
20	Displayed Area	Dicom Part 3 C10.4
18	Overlay Plane	Dicom Part 3 C9.2
15	Graphic Annotation	Dicom Part 3 C10.5
22	Graphic Layer	Dicom Part 3 C10.7
24	Softcopy VOI LUT	Dicom Part 3 C11.8
21	Spatial Transformation	Dicom Part 3 C10.6 rotating an image by increments of ninety degrees and flipping an image.
14	Display Shutter	Dicom Part 3 C7.6.11

«««« «« « 1 2 » »» »»»»

Add an attribute associated to GSPS

The creators of the sample type are defined by the list of AIPO that can create the sample. So, when a system implement an AIPO, and this aipo is a creator of the sample, the system can add files corresponding to the sample type defined.

The readers are also definded by the list of AIPO that can read the sample, and so when a system implements an AIPO , which is a reader of sample, the system could access to the list of sample uploaded by the creators, and even add comment, or upload files related to the sample type, as a reader.

Edit type of sample

Edit of the sample type : GSPS

summary | creator(s) | reader(s) | file(s) | attribute(s)

List of files for creator :

Id	File Type	Description	Minimum	Maximum	Action
282	SNAPSHOT	Upload a screen capture of the GSPS image as displayed by the system under test	0	1	
284	DICOM	Upload a sample DICOM produced by the systems under test (at least the Presentation state and the corresponding image shall be provided)	2	4	

List of files for reader :

Id	File Type	Description	Minimum	Maximum	Action
283	SNAPSHOT	Upload a screen capture of the document of your peer as rendered by your system. Note that depending on the options supported by your system, the screen capture may also include a capture of the screen showing imported data in your system	1	1	

Add a File associated to GSPS

The edition of files contains two list: the list of files that could be uploaded by the creators, and the list of files that could be uploaded by the readers. Generally the readers can upload a snapshot of the rendering of the file of the creator.

Samples Administration

Samples' types | Documents' types

Id	Keyword	Description	Extensions	Writable	Validate in EVSClient ?	Action
1	SNAPSHOT	Snapshot of object	jpg,png,gif,jpeg	☐	☐	
2	DICOM	Dicom Object		☐	☑	
3	XML	XML File	xml	☑	☑	
4	DOC	Word Document	doc,docx	☐	☐	
5	HL7	HL7 Message	hl7	☑	☑	
6	ISO	ISO Image	iso,zip	☐	☐	
10	ZIP	Zip File	zip,rar	☐	☐	
11	PDF	PDF File	pdf	☐	☑	
12	CDA	CDA File	xml	☑	☑	
13	P7M	encrypted or signed email	p7m	☑	☐	
14	PK7	PK7 encrypted file	PK7	☐	☐	
15	HTML	HTML document	html,xml,xhtml,htm	☐	☐	

10.3 Annotation Management

This section allows to manage the comments written by the vendors into the samples uploaded by systems.

As the vendors are not allowed to delete these comments from the sample, and only the admin can do it, this module is extracted in a page for the admin.

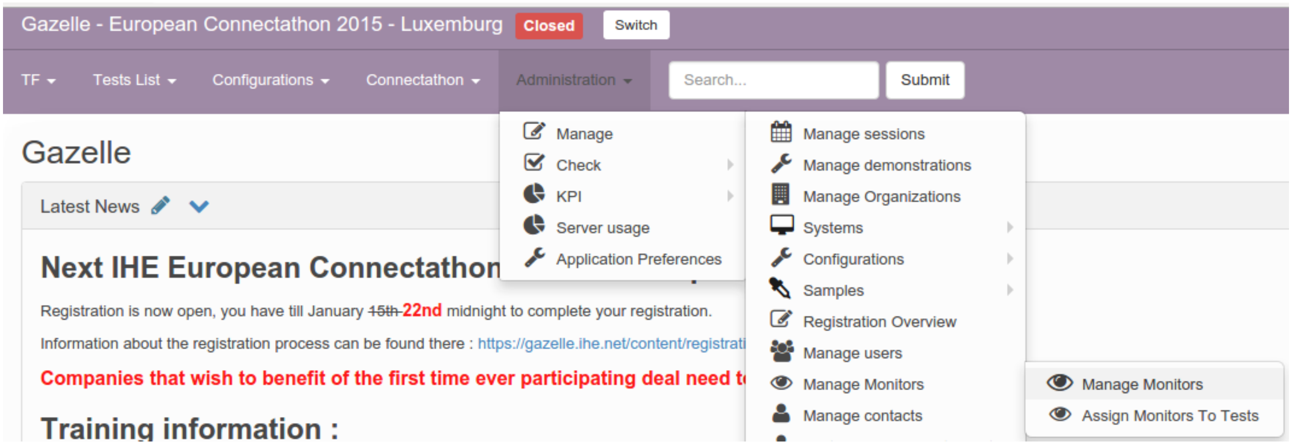
To access to the Annotation management, from the menu -> -> administration -> manage -> samples -> Manage Annotation

11 Monitors Administration

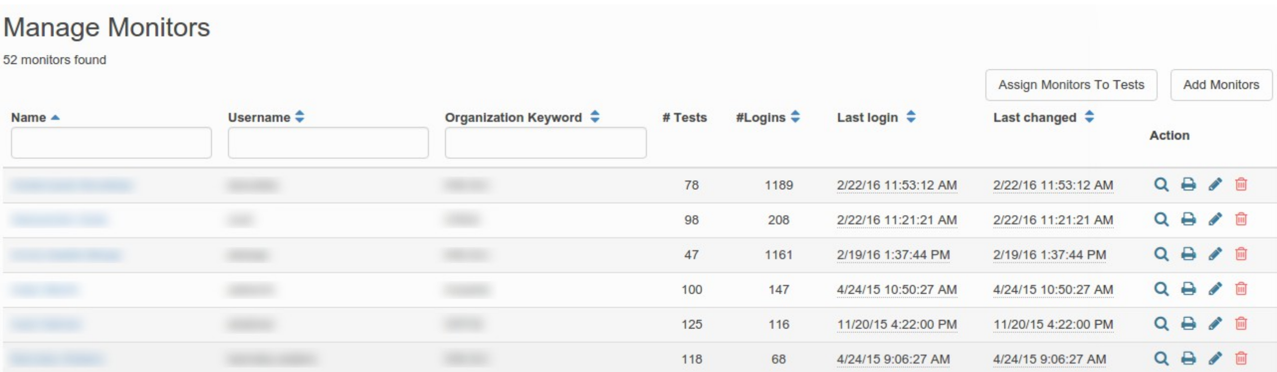
The monitors are the persons who are present during the testing event to verify the tests performed by the SUT operators. The recruitment process is not descibed there neither the work of the monitor. This section focuses on how to set persons as monitor, how to say to which testing session they attend and how to create their list of tests, it means, what are the tests they will have to verify during the event.

First of all, all the users in Test Management who are aimed to be a monitor for a testing session shall have the "monitor_role" role. Refer to the User Administration part if you do not know how to grant users.

Then, under the Administration → Manage → Manage monitors, there are two entries. The first one "Manage monitors" will be used to link the users with role "monitor-role" to a testing session and then assign them a list of tests. The second entry "Assign monitors to tests" is useful if you want to assign a batch of monitors to a batch of tests.



11.1 Manage monitors



This page lists the monitors already link to the current testing session (the one you are currently logged into). For each monitor, beside his/her contact and connection information, you will get the number of tests which have been assigned to him/her. Note that above the table is given the number of monitors registered for the current event.

In the last column, buttons are available to view the detail of a monitor test list, print this test list, edit it or unassign the user from the list of monitors (the red cross).

When you edit the test assignments of a monitor, the list of already assigned tests is displayed, you can remove some of them by hitting the red cross. If you want to add some more, use the "Edit Test Assignment" button, il will open a new panel. You can filter the test either by domain, integration profile or actor. First select the criteria type, then select one domain or integration profile or actor and pick up the tests to assign to the current monitor.

Add the bottom of the page, two buttons are available : the first one will open the "Assign monitors to tests" page and the second one opens a new panel in which you can pick up the users to add to the list of monitors. Monitors are sorted by organization. When you have made your choice, do not forget to hit the "Add monitors to activated session" button (bottom right corner); this button shall be hit before moving to another organization.

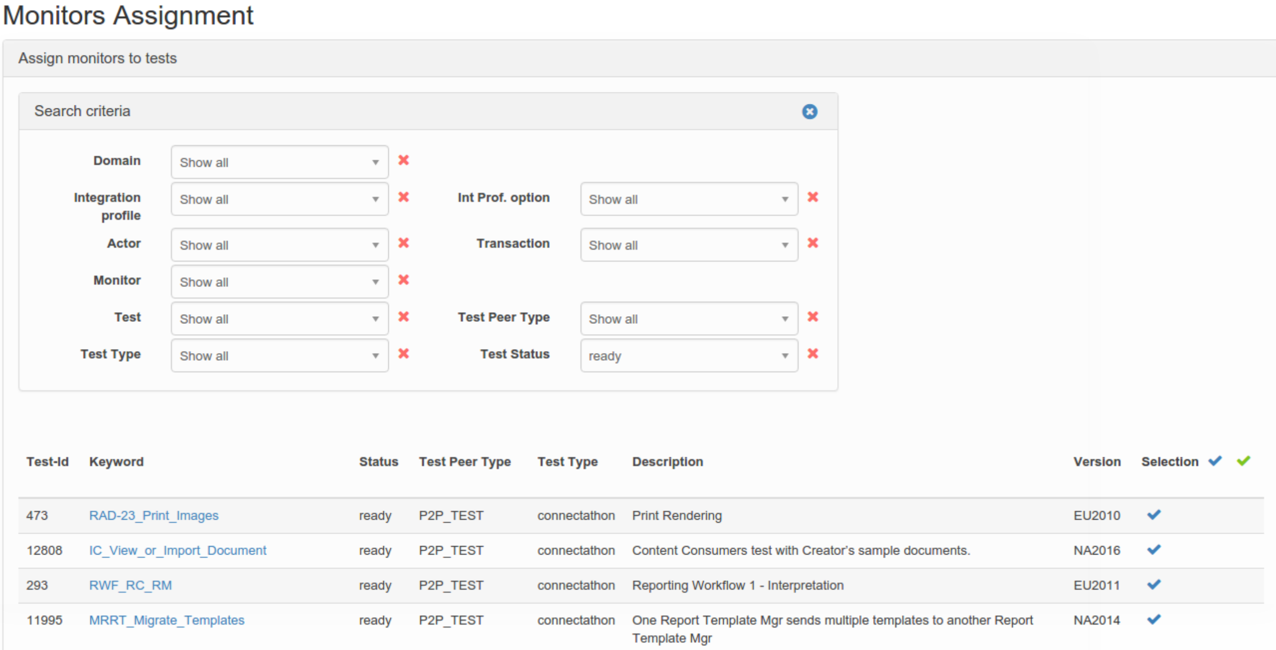
11.2 Assign monitors to tests

If you prefer to assign the monitors to a list of tests instead of assigning a list of test to a monitor, you can use this feature.

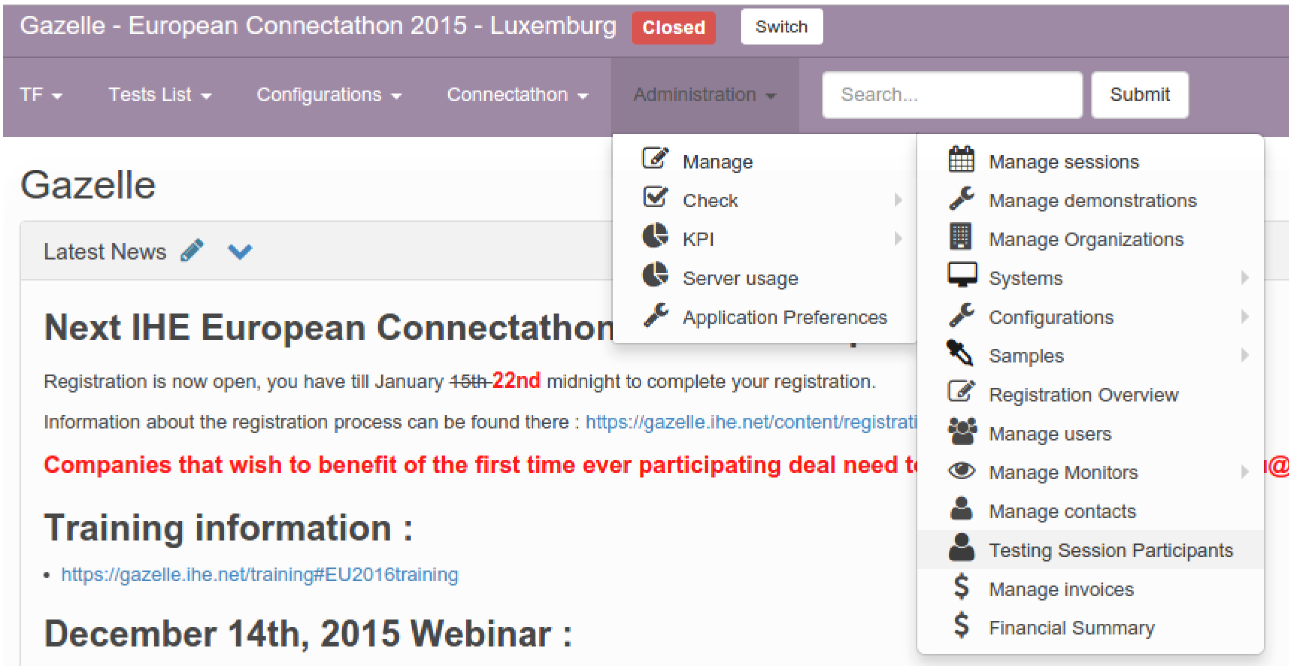
First, select a sub set of tests by applying filters. Then, click on the green tick in the Selection column. If you click on the icon located in the table header, it will select all the tests currently displayed in the table. To unselect a test / all the displayed tests, hit the grey tick.

When at least one test is selected, the number of monitors assigned to this selection is displayed below the table. Note that if several tests are selected, the number displayed represents the intersection of the monitors assigned to each test. If at least one monitor is assigned, the list is displayed below the table.

From this point, you can modify the list of monitors by clicking on the button "Modify list monitors", pick up the ones to add (or to remove) and it the "Save modifications" button.



12 Testing Session Participants Management

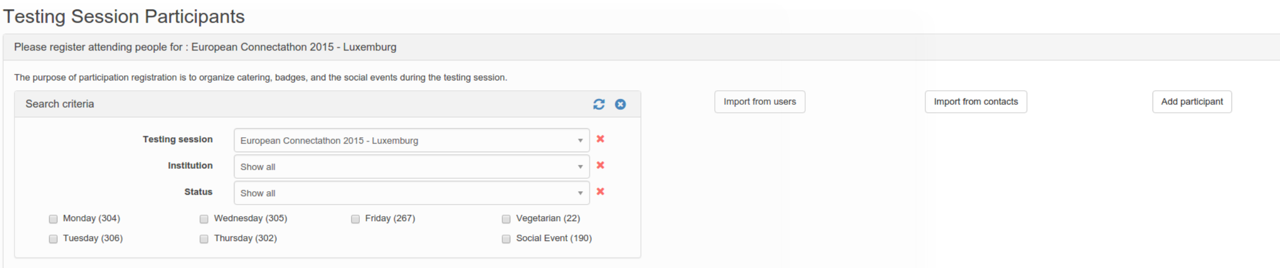


It gives the administrator an overview of users attending to the connectathon. It helps planning the catering, tables...

A participant can register for some connectathon days, specify if he eats vegetarians and if he will attend the social event.

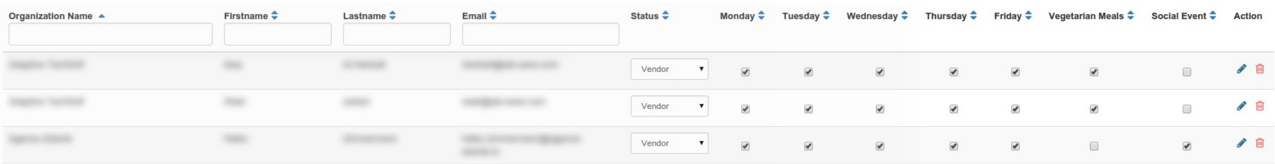
The administrator has an overview of who is going to attend the connectathon on moday, tuesday....

An administrator can add participants from the users list, contact list or create a new participant.

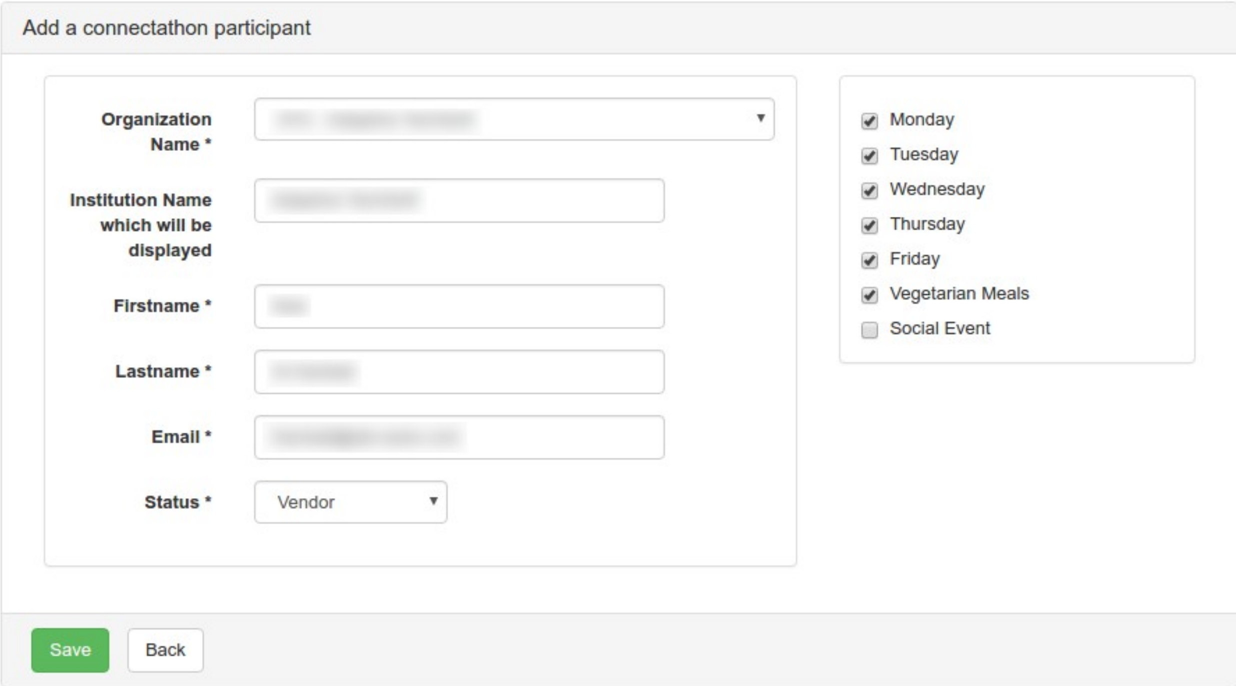


An administrator can remove a connectathon participant, or edit it.

An administrator can filter participants by organization



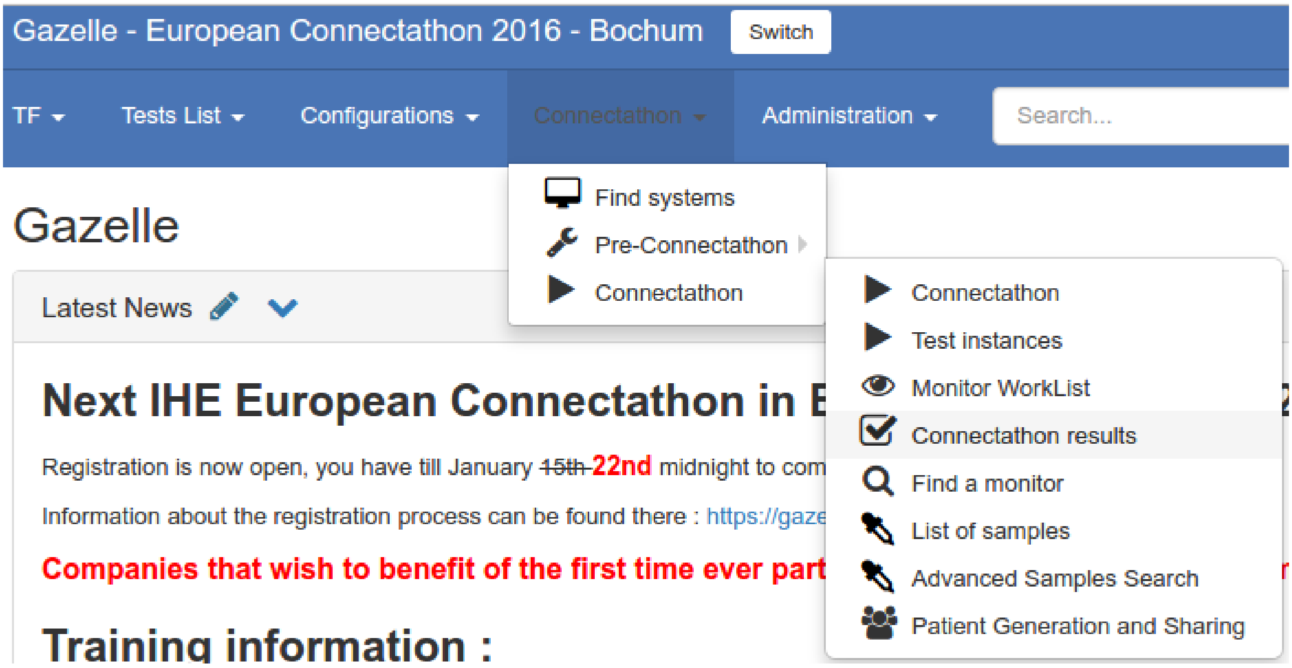
Edit testing session participants



13 Connectathon results

Grading the systems during a testing event is a manual process performed by the testing session managers. This section of the administration manual does not focus on the rules to grade system (they might be different depending on the testing events) but it describes how to do it with Gazelle Test Management.

You will access the Connectathon result page from menu Connectathon → Connectathon → Connectathon results.



This page is divided into two parts; first you can filter the results and below the results (restrained to the filter criteria) are displayed.

In the first panel, a button labelled "Update results" can be used to force the update of the results. It will not grade the system, it will retrieve some information from the database like the number of test instances performed by each system and compute an indicator to help you with grading the systems.

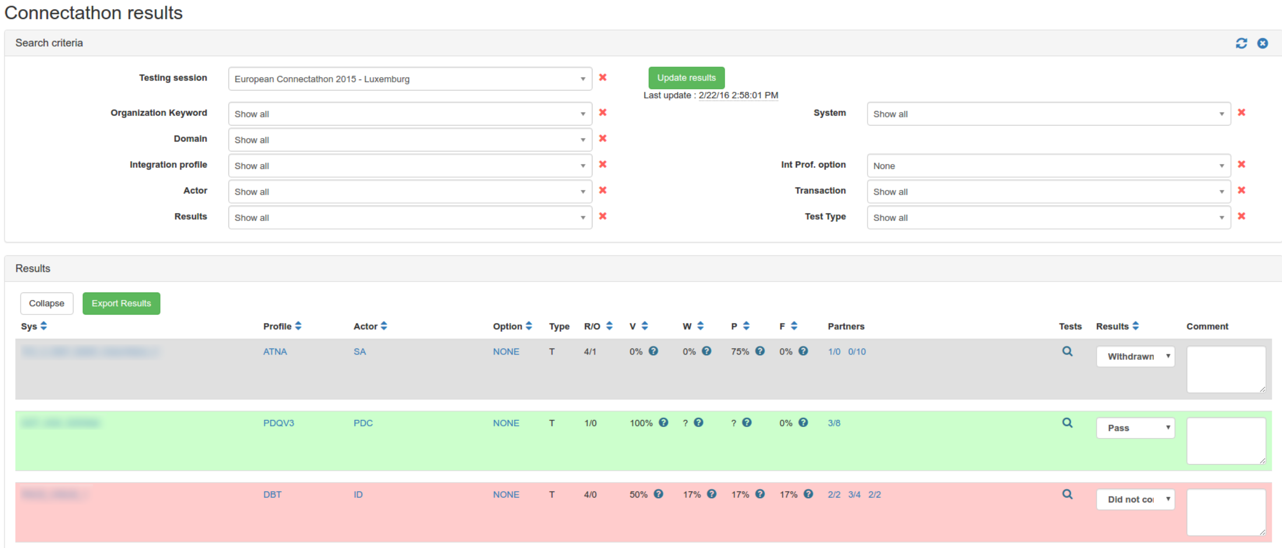
In the table, a line is displayed for each actor / integration profile / option (AIPO) tuple registered by a system; in Test Management, results are given at system level even if we usually communicate the results at company level.

- The column "Type" tells you if the system is supportive (S) or Thorough (T) for this AIPO.
- Column "R/O" indicates the number of required vs optional tests to be performed by the system for this AIPO
- Column "V" indicates the percentage of verified (successful) test instances versus the number of expected successful test instances
- Column "W" indicates how many test instances are waiting for verification
- Column "P" indicates how many test instances are in state "Partially verified"
- Column "F" indicates how many test instances are failed

- In the "Partners" column, you will find, for each role involved in the test other than the one played by the system, the number of "used" partners versus the number of available ones. For each a tool tip give you the keyword of the role.
- In the Tests column, the magnifying glass opens a sub table which gathers all the test instances related to this AIPO. To close a sub-table, click again on the magnifying glass. To close all the sub tables you have previously displayed, use the "Close and reset all details" button available above the table.
- In the Results column, you can select the status for this line, it will be automatically saved

Finally, you can leave a comment to the user.

To help you focussing on the lines which need to be reviewed, lines are colourized and appears in grey if no result is set.



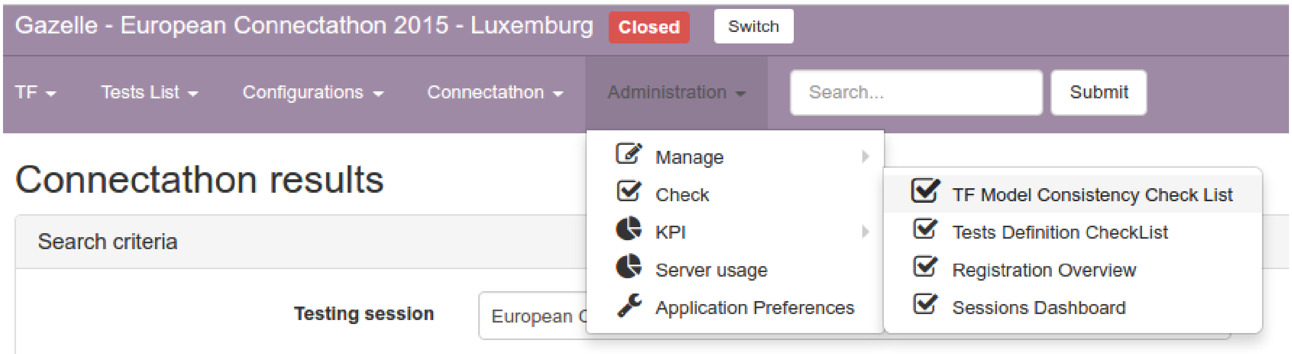
14 TM Functional Checking

This list of modules allows the admin to verify and to check the well functioning of the Test Management tool.

14.1 TF Model Consistency Check List

This module allows the admin to check the consistency between the different profiles/actors/domain defined in the database.

To access to this page, from the menu -> administration -> check -> TF Model Consistency Check List



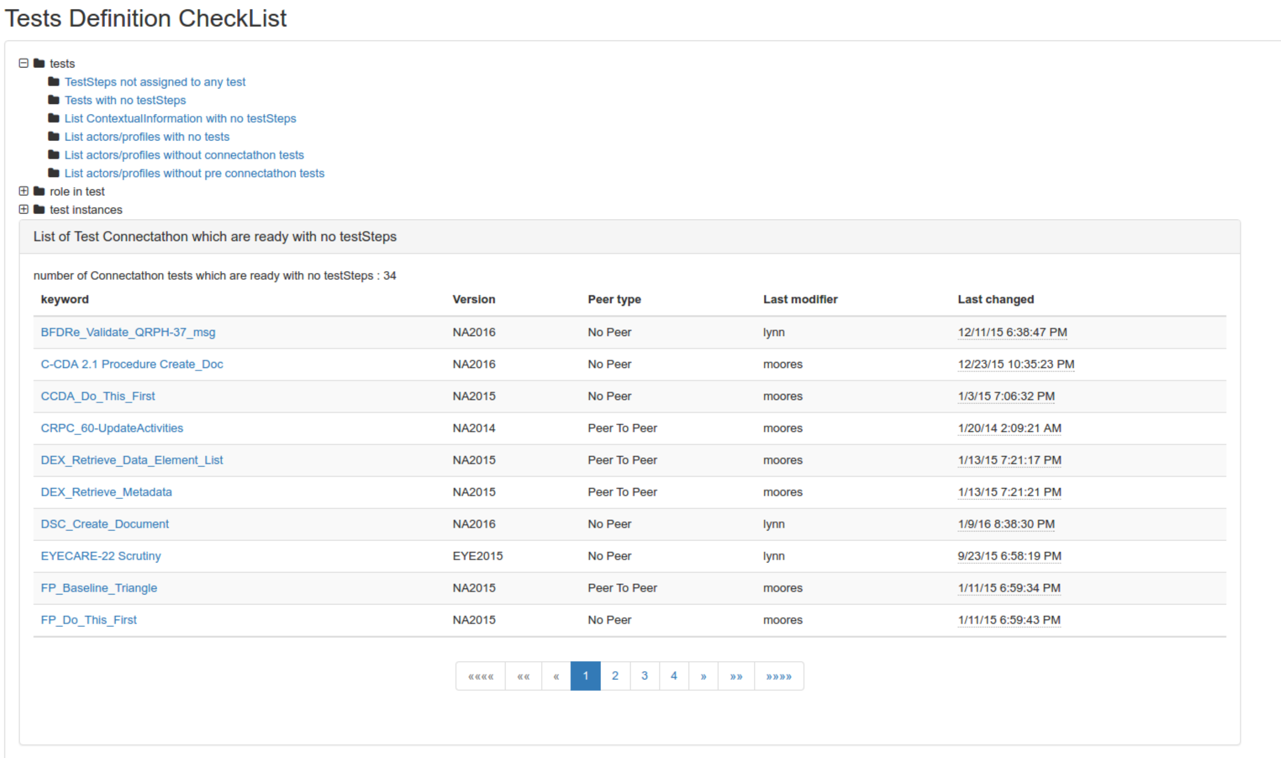
This page allows to do the checking about the following objects:

- domains
- actors
- Integration profiles
- Actors
- Integration profile options
- Documents and Documents sections

14.2 Tests Definition CheckList

This module allows the admin to verify the consistency of the information in the test plan module. We could so verify if there are RoleInTest with no participant, or some test step instances with no test instances. Multiple check could be performed in this page.

To access to this page, you should go from the menu -> administration -> check -> Tests Definition CheckList


Tests Definition CheckList

tests
- TestSteps not assigned to any test
- Tests with no testSteps
- List ContextualInformation with no testSteps
- List actors/profiles with no tests
- List actors/profiles without connectathon tests
- List actors/profiles without pre connectathon tests

role in test

test instances

List of Test Connectathon which are ready with no testSteps

number of Connectathon tests which are ready with no testSteps : 34

keyword	Version	Peer type	Last modifier	Last changed
BFDRe_Validate_QRPH-37_msg	NA2016	No Peer	lynn	12/11/15 6:38:47 PM
C-CDA 2.1 Procedure Create_Doc	NA2016	No Peer	moores	12/23/15 10:35:23 PM
CCDA_Do_This_First	NA2015	No Peer	moores	1/3/15 7:06:32 PM
CRPC_60-UpdateActivities	NA2014	Peer To Peer	moores	1/20/14 2:09:21 AM
DEX_Retrieve_Data_Element_List	NA2015	Peer To Peer	moores	1/13/15 7:21:17 PM
DEX_Retrieve_Metadata	NA2015	Peer To Peer	moores	1/13/15 7:21:21 PM
DSC_Create_Document	NA2016	No Peer	lynn	1/9/16 8:38:30 PM
EYECARE-22 Scrutiny	EYE2015	No Peer	lynn	9/23/15 6:58:19 PM
FP_Baseline_Triangle	NA2015	Peer To Peer	moores	1/11/15 6:59:34 PM
FP_Do_This_First	NA2015	No Peer	moores	1/11/15 6:59:43 PM

«««« «« « 1 2 3 4 » »» »»»»

To access a check, you have to select the information looked for from the tree.

14.3 Sessions Dashboard

The session dashboard allows to access information about the current selected session.

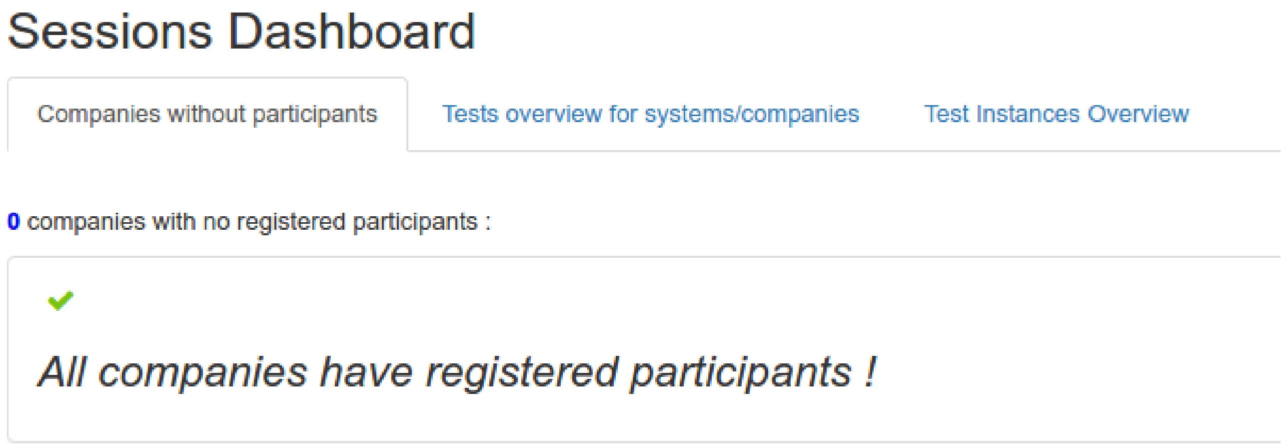
The information provided are :

- Companies without participants

- Tests overview for systems/companies

- Test Instances Overview

To access to this page, you have to go to menu -> Administration -> Check -> Sessions Dashboard



14.3.1 Companies without participants

This describe the companies that do not have a participants in the current testing session, and which are registred by a system.

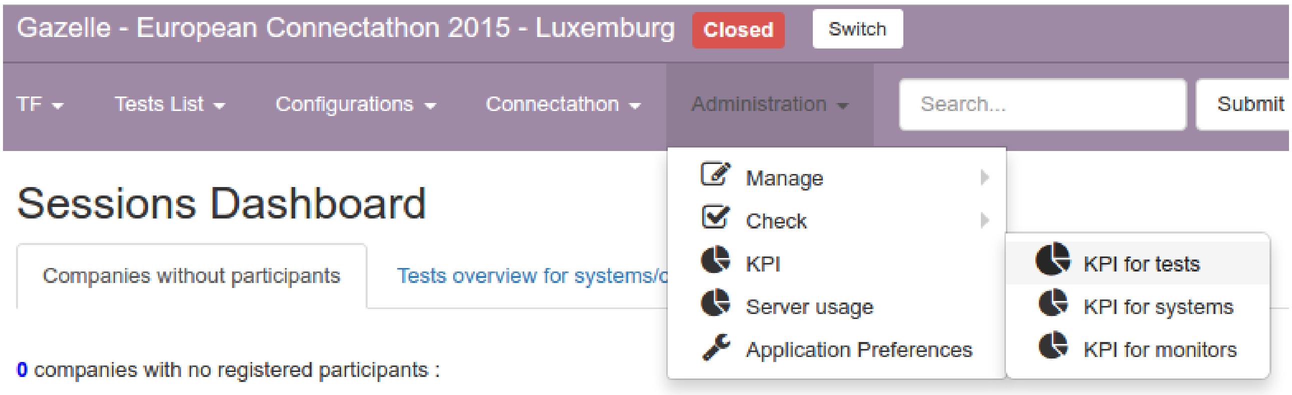
14.3.2 Tests overview for systems/companies

This panel describes the list of systems registred in the testing session, and for each system we provide : the organization, the status of the system, the number of tests executed by the system during the CAT and the details about the results of these tests.

14.3.3 Test Instances Overview

This panel allows to have information about the use of the monitor app tool.

15 Gazelle KPIs



There are 4 types of KPIs:

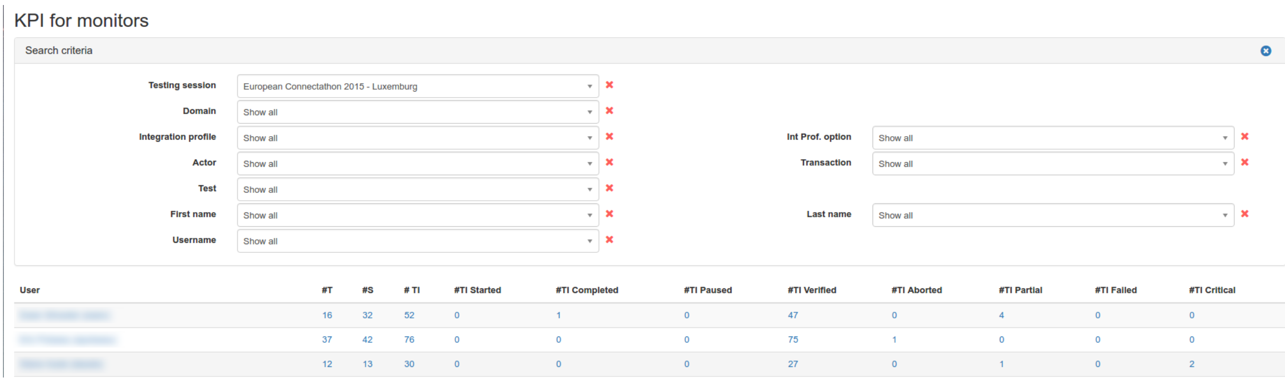
- Tests kpi
- Systems kpi
- Monitor kpi
- Validator kpi

All KPIs can be exported in an excel file

15.1 Monitors KPIs

This page displays for each monitor the number of:

- test assigned
- systems in the session that the monitor can work with
- test instances claimed
- test instances claimed and started
- test instances claimed and completed
- test instances claimed and paused
- test instances claimed and verified
- test instances claimed and aborted
- test instances claimed and partial
- test instances claimed and failed
- test instances claimed and critical



15.1.1 Filtering

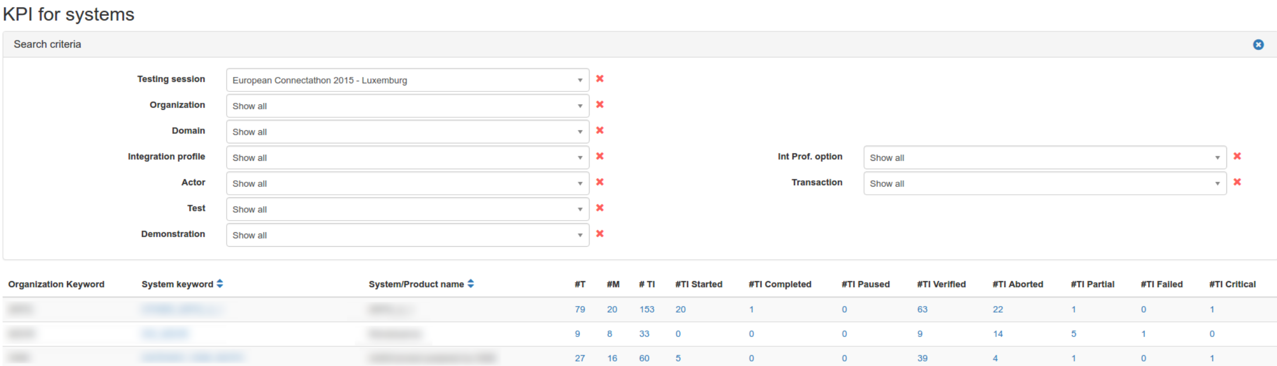
Results can be filtered by:

- Testing session
- Domain
- Integration profile
- Actor
- Test
- monitor first name
- monitor last name
- monitor username
- integration profile option
- transaction

15.2 Systems KPIs

This page displays for each system the number of:

- test to realize
- monitors involved
- test instances
- test instances started
- test instances completed
- test instances paused
- test instances verified
- test instances aborted
- test instances partial
- test instances failed
- test instances critical



Filtering

Results can be filtered by:

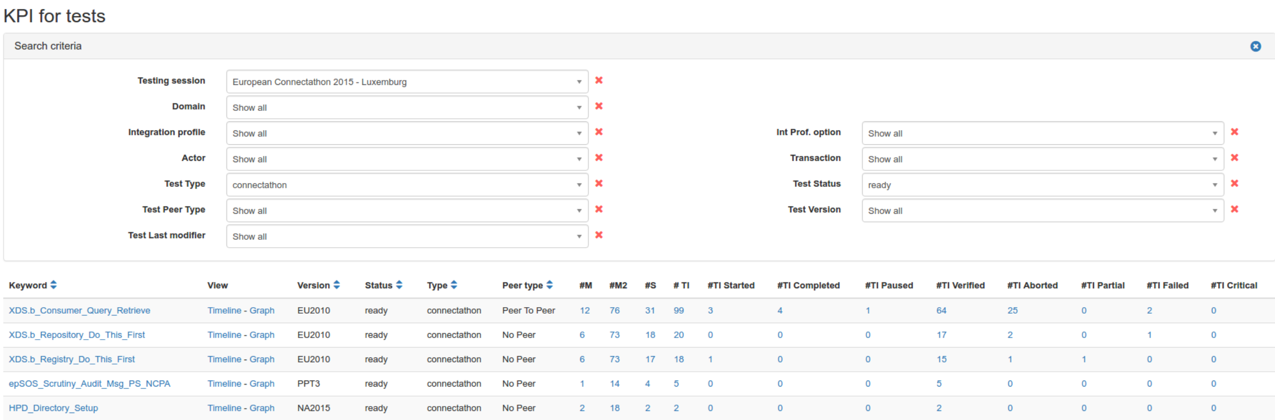
- Testing session
- Organization
- Domain
- Integration profile
- Actor

- Test
- Demonstration
- integration profile option
- transaction

15.3 Tests KPIs

This page displays for each test the number of:

- monitors assigned to the test
- systems in the session that have to test it
- test instances
- test instances started
- test instances completed
- test instances paused
- test instances verified
- test instances aborted
- test instances partial
- test instances failed
- test instances critical



Keyword	View	Version	Status	Type	Peer type	#M	#M2	#S	# TI	#TI Started	#TI Completed	#TI Paused	#TI Verified	#TI Aborted	#TI Partial	#TI Failed	#TI Critical
XDS.b_Consumer_Query_Retrieve	Timeline - Graph	EU2010	ready	connectathon	Peer To Peer	12	76	31	99	3	4	1	64	25	0	2	0
XDS.b_Repository_Do_This_First	Timeline - Graph	EU2010	ready	connectathon	No Peer	6	73	18	20	0	0	0	17	2	0	1	0
XDS.b_Registry_Do_This_First	Timeline - Graph	EU2010	ready	connectathon	No Peer	6	73	17	18	1	0	0	15	1	1	0	0
epSOS_Scrutiny_Audit_Msg_PS_NCPA	Timeline - Graph	PPT3	ready	connectathon	No Peer	1	14	4	5	0	0	0	5	0	0	0	0
HPD_Directory_Setup	Timeline - Graph	NA2015	ready	connectathon	No Peer	2	18	2	2	0	0	0	2	0	0	0	0

15.3.1 Filtering

Results can be filtered by:

- Testing session
- Domain
- Integration profile
- Actor
- Test type
- Test peer type
- last modifier
- integration profile option
- transaction
- test status
- test version

15.4 Validators KPIs

This page displays for each validator the number of:

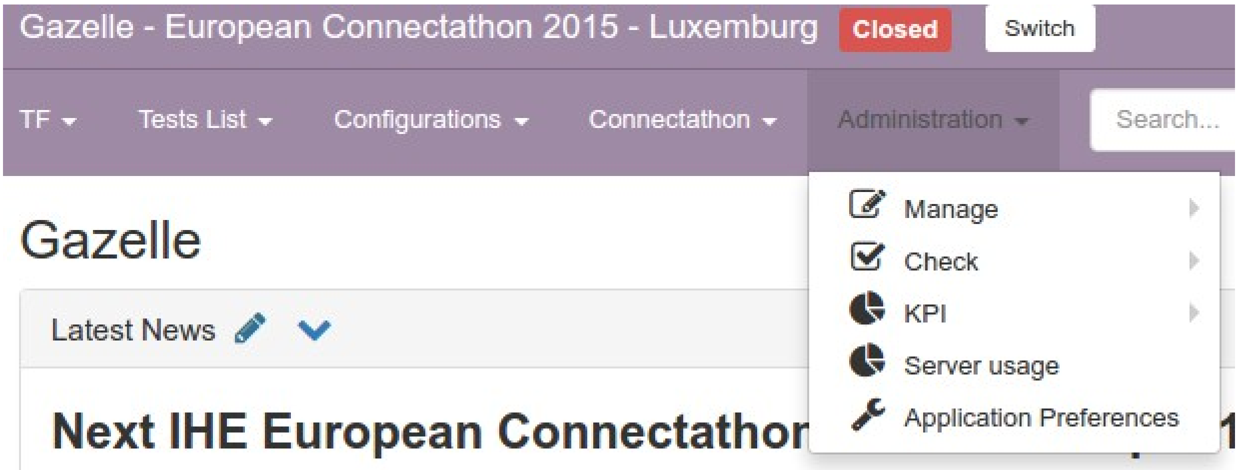
- Validations performed
- Users that used it
- File validated

15.4.1 Filtering

Results can be filtered by:

- Testing session
- validator name

16 Gazelle Server Monitoring

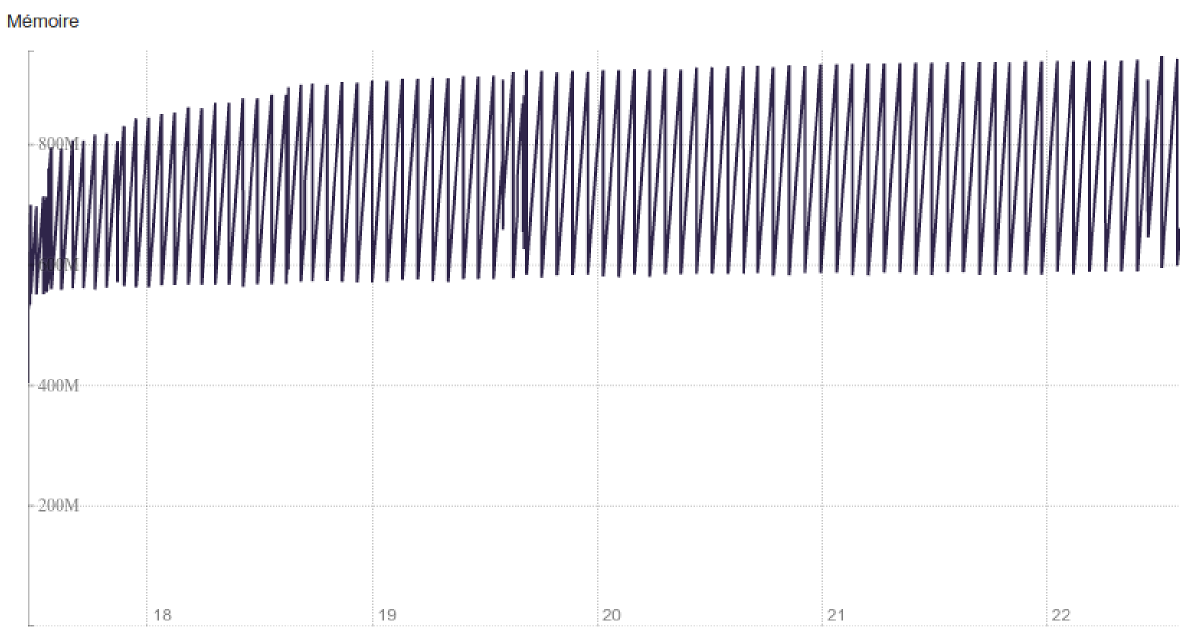


This page allows you to monitor:

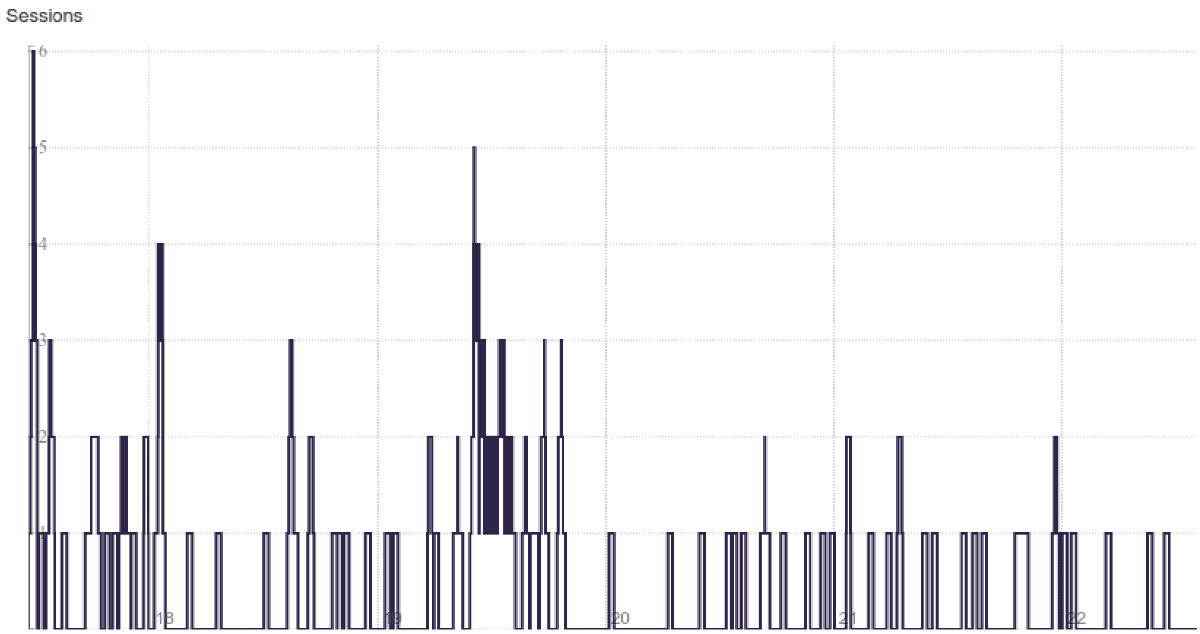
- memory usage through time
- active pages through time
- sessions through time
- session details
- caches usage

In graphs trought time on the time axis you can move time cursors to zoom into a specific time.

16.1 Memory usage though time



16.2 Sessions through time



16.3 Session details

1 sessions

Identifiant	Session de test	Date du dernier accès	Infos de navigateur	Pays
jlabbe	?	Mon Feb 22 15:19:33 CET 2016	Linux - Chrome - 95.128.151.250	France