

Gazelle 5.4.x System Configuration

Tell Your Testing Partners Your Ports, Configuration Strings, etc.

Overview

- What is the big picture?
- Why am I doing this?
- How do I do this?
- Review

What Is the Big Picture?

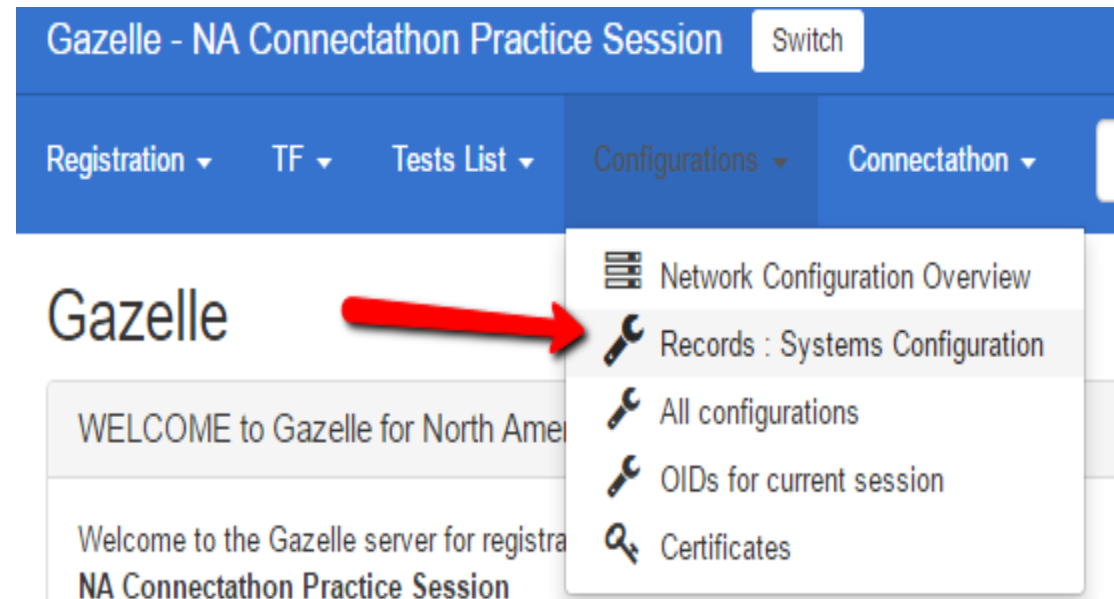
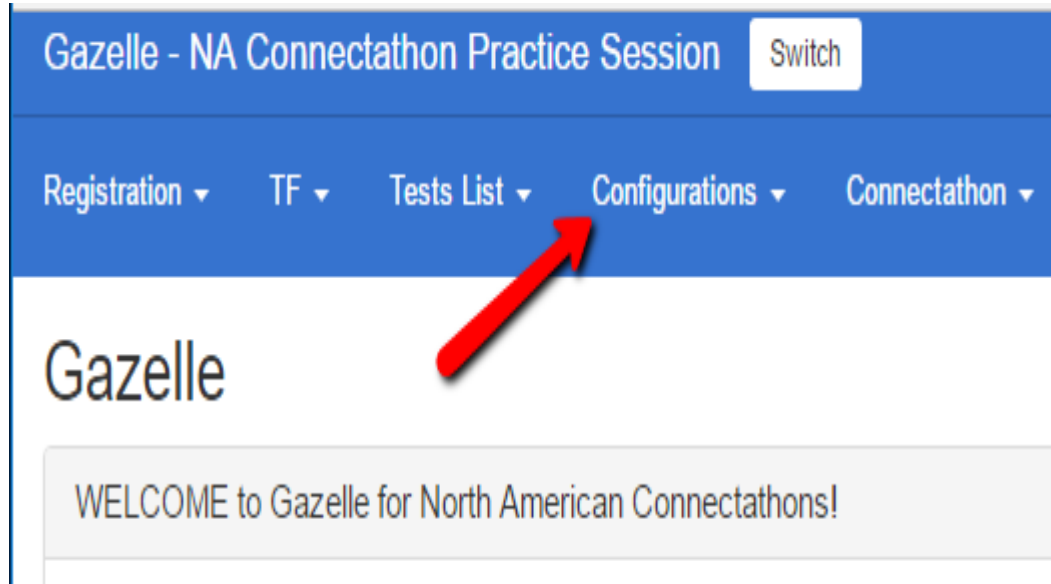
- We have a local area network with 100 or more computers, each implementing a number of different services as a client or server.
- DNS will map a host name to an IP address, but we have no directory service to map a service to other configuration parameters (port number, a DICOM title, an HL7 application name, ...)
- Gazelle will allow you to enter your configuration information, and
 - Your partners can extract that information and setup their systems.

Why Am I Doing This?

- There are two answers to this question.
 1. If you do not complete this task, you will spend your Connectathon time answering configuration questions rather than testing your software
 2. Some of the tools (e.g., NIST XDS tools) take configuration directly from Gazelle so they can test your system. If you do not have your information in Gazelle, you will wait in line for someone to transfer that information into the appropriate tool. Don't be that guy waiting in line.

How Do I Do This?

- Under Configurations, select “Systems Configuration”




Select the System to Configure

Gazelle - NA Connectathon Practice Session Switch

Registration ▾ TF ▾ Tests List ▾ Configurations ▾ Connectathon ▾

Configurations

Select a system




Gazelle - NA Connectathon Practice Session Switch

Registration ▾ TF ▾ Tests List ▾ Configurations ▾ Connectathon ▾

Configurations

Select a system

- Please Select...
- EMR/EHR_Records**
- Public Records/XDSb_REP_Records
- Test Records 2/ADT_Records
- PACS In a Box/PACS_Records



Your Connectathon Manager Has Pre-Configured Your System

- A hostname is assigned (1)
 - You can add more (2)
- Configuration for your profile/actor is assigned
 - You can approve it (3)
 - You can edit it (4)
 - You can duplicate it (to edit later) (5)
 - You can delete (6)
- See next slide for example

Configurations

Select a system EMR/EHR_Records

Network configurations

Add a network config.

2

Host name ▲

Alias ▲

IP ▲

Comment

Action

records2



1

Results per page : 20

System configurations

Add a config.

Approve all

Generate configurations

Refresh

Type Show all ✕

Actor Show all ✕

Export as Excel file

Type	Actor	Host name	IP	Port	is Secured ?	Details 1	Details 2	Details 3	Approved	Action
HL7 V2 Responder	DEV_OBS_CONSUMER - Device Observation Consumer	records2		4013	<input type="checkbox"/>	EHR_Records / Records	REEH		no	

3, 4, 5, 6

Results per page : 20

Export as Excel file



In General


- The edit function is aware of the service. It will give you the right fields to edit.
- There is a checkbox to indicate if this configuration is for a secure (TLS) connection. Use that appropriately.
- There is a check box to indicate you have approved the configuration
 - That means you have reviewed it and it is correct.

What If I Have Multiple Actors?

Use Filters to Narrow the Focus

System configurations

 Type 

Actor 

Show all

(4) HL7 V2 Responder



(10) Webservice


Export as Excel file

Type	Actor	
Webservice	DOC_REPOSITORY - Document Repository	records0

System configurations

Type

 Actor 



Show all

(8) DOC_REGISTRY - Document Registry

(4) DOC_REPOSITORY - Document Repository

(2) PDS - Patient Demographics Supplier

Export as Excel file

Type	Actor	
Webservice	DOC_REPOSITORY - Document Repository	
HL7 V2 Responder	PDS - Patient Demographics Supplier	

Filtered by DOC_REPOSITORY

System configurations

[Add a config.](#) [Approve all](#) [Generate configurations](#) [Refresh](#)

Type: ✖

Actor: ✖ i

[Export as Excel file](#)

Type	Actor	Host name	IP	Port	is Secured ?	Details 1	Details 2	Details 3	Approved	Action
Webservice	DOC_REPOSITORY - Document Repository	<input type="text" value="records0"/>		80	<input type="checkbox"/>	ITI-41:Provide and Register.b:pr.b	http://records0/your_url		no	✓ ✎ 📄 🗑️
Webservice	DOC_REPOSITORY - Document Repository	<input type="text" value="records0"/>		8080	<input checked="" type="checkbox"/>	ITI-41:Provide and Register.b:pr.b	https://records0:8080/your_url		no	✓ ✎ 📄 🗑️
Webservice	DOC_REPOSITORY - Document Repository	<input type="text" value="records0"/>		80	<input type="checkbox"/>	ITI-43:Retrieve.b:ret.b	http://records0/your_url		no	✓ ✎ 📄 🗑️
Webservice	DOC_REPOSITORY - Document Repository	<input type="text" value="records0"/>		8080	<input checked="" type="checkbox"/>	ITI-43:Retrieve.b:ret.b	https://records0:8080/your_url		no	✓ ✎ 📄 🗑️

Results per page:

I Need More Fixed IP Addresses

Configurations

Select a system

Network configurations

 [Add a network config.](#)

Host name ▲

Alias ▲

IP ▲

Comment

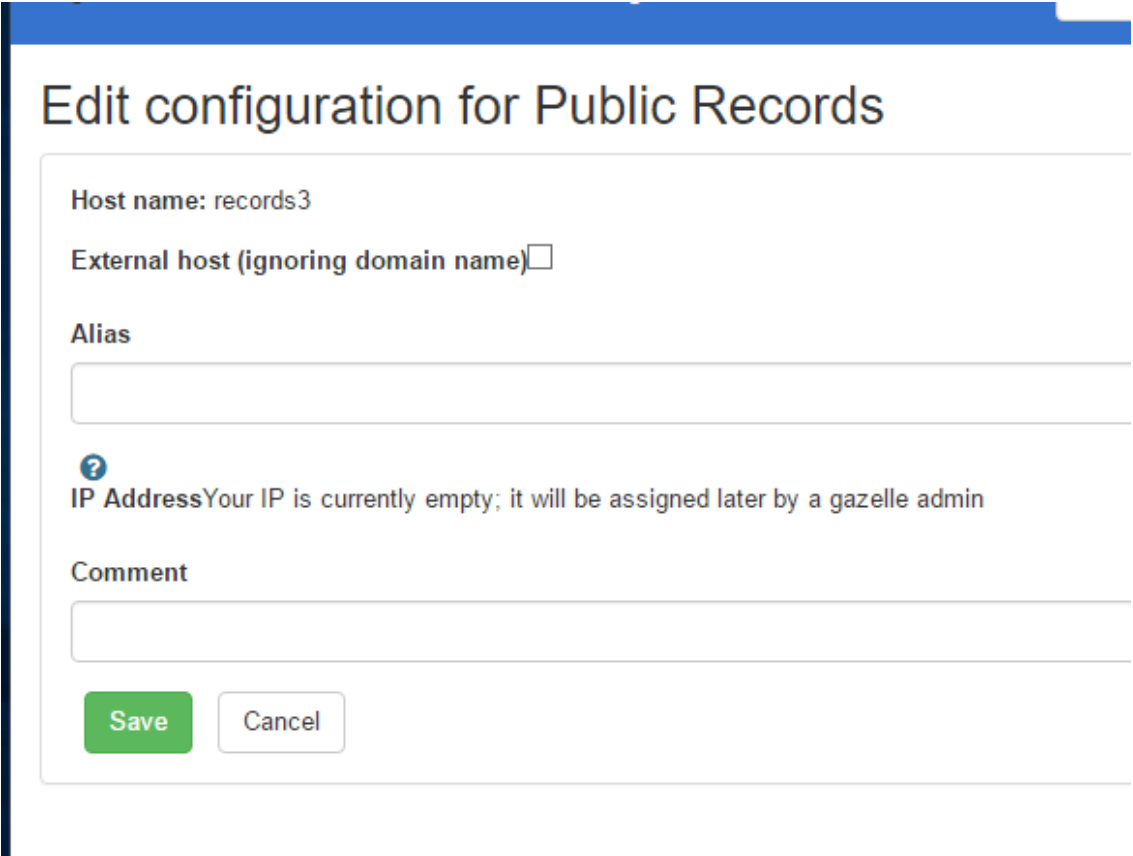
Action

records0



Adding A Network Configuration (Host)

- Host name: Assigned by Gazelle
- External host (if you have this back in your office)
- Alias: Allows you enter a second name that is easier for you to remember
- Comment: For your purposes



The screenshot shows a web form titled "Edit configuration for Public Records". The form contains the following fields and elements:

- Host name:** records3
- External host (ignoring domain name):**
- Alias:** An empty text input field.
- IP Address:** A field with a blue question mark icon and the text "Your IP is currently empty; it will be assigned later by a gazelle admin".
- Comment:** An empty text input field.
- Buttons:** A green "Save" button and a white "Cancel" button with a grey border.

Review

- Default configurations have been generated
 - Some of you are ahead of me and did that yourself. Great!! Continue on.
- You need to review each configuration entry.
 - Edit if necessary (certainly the URL's need work)
 - Carefully review TLS vs non-TLS entries
 - Approve the configuration so we know and your partners know you have completed this task
- Add hosts if necessary. Move configuration to those hosts if necessary.
- Please complete by the assigned deadline.

A Rare Sight in Chicago: Hail to the Victors

