

SEADATANET 2, SECOND PLENARY MEETING LUCCA (ITALY), 26 - 27 SEPTEMBER, 2013



المعهد الوطني للبحث في الصيد البحري
Institut National de Recherche Halieutique

Presented by *Jamila Larissi*

Projects :

**EAF-NANSEN, CCLME, MEDPOL, AQUAMED,
CARBOCHANGE, PERSEUS, CREAM, EPURE,
COPEMED II, RAF 7, ARP-MERMED....**

**Medar Medatlas – Seasearch - Seadatanet1 -
Seadatanet 2**

Outlines:

- 1. SDN tools used**
- 2. *Easy parts***
- 3. Difficult parts**
- 4. Problems faced**
- 5. Unresolved issues**

1. SDN tools used

- **Installation of Seadatanet tools (ODV 4, Mikado, Nemo)**

2 . Easy parts

- **Production of CDI file (XML files) (generating XML metadatas entries)**
- **ODV plots and vertical profiles**

To be connected to the Seadatanet platform :

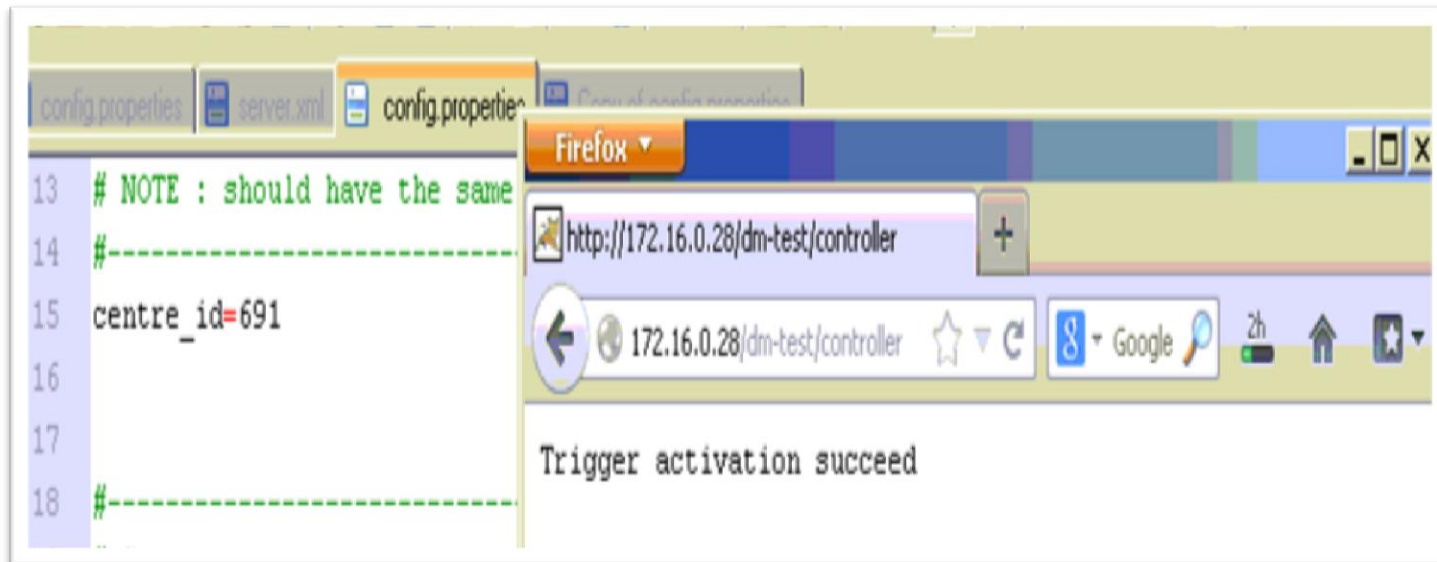
1- We installed a virtual server (but this issue was not successful)

2- We configured a physical server dedicated to the SDN project.

3- We installed the Tomcat and the Download Manager

3. Difficult parts :

- Configuration and DM connexion to RSM



No remote connexion

4. Problems faced

When we try to connect to our server at distance to RSM, we have this web answer (HTTP status 403).



- We asked Maris for a remote assistance but without success

What happen:

- The installation of the DM was successful in the port 8080 and without proxy and firewall
- The shift to the port 80 and the connexion via a proxy and firewall leaded to fail connexion with the SDN platform

- Adress IP conflict**

Coupling table for Download manager, we send 20 files (XML) for test to Maris

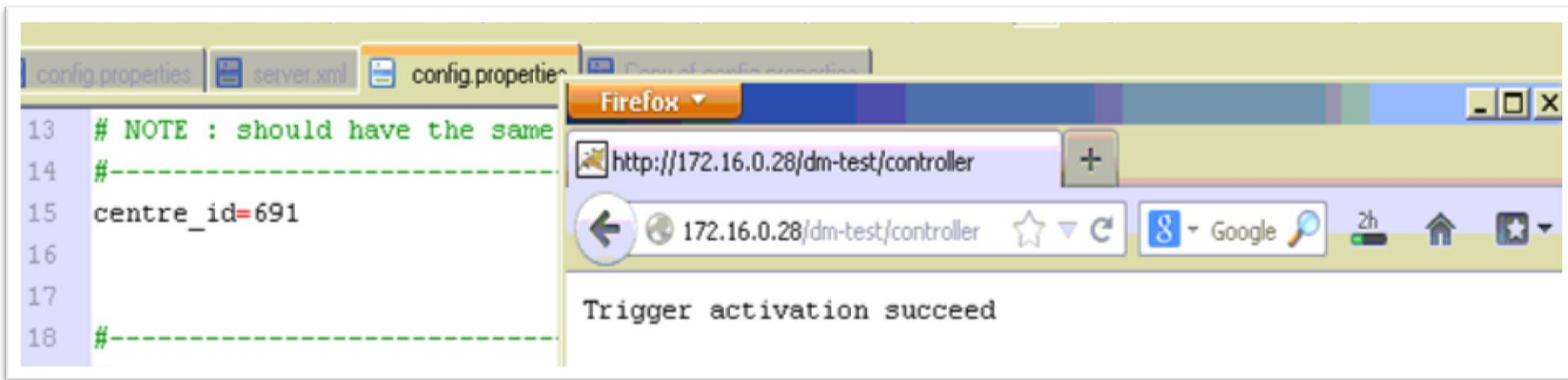
The screenshot shows a web browser window with the URL `seadatanet.maris2.nl/v_rsm_test/content.asp?screen=4`. The page features a navigation bar with 'Home', 'Help', and 'Logout' buttons. Below this is a banner for 'PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT' with the 'SeaDataNet' logo. The main content area is titled 'Request Status Manager' and provides an 'Overview of outstanding download requests and processing status for all users of your Data Centre'.

Below the overview, there is a status indicator: 'Waiting for automatic processing for selected user'. A record count selector shows '25' selected, with options for 50 and 1000 records. A 'Go' button is present. The search results show 'FOUND 40' records, with 'SHOW (1-25)', 'PREVIOUS', 'NEXT 15', and 'Back' links.

The user is identified as 'Mr Flavian Gheorghe - flavian@maris.nl' with a status of 'Waiting for automatic processing'. The following table lists the download requests:

Dataset CDI-ID	LOCAL_CDI_ID	Dataset name	Request-ID	Request-key	Request date	Last update	Format	Reason
27457	MI56197400001_00741_H09	mi7400001.bot	66917	5104	2013-09-13	2013-09-14	MEDATLAS	For test
27456	MI56197400001_00731_H09	mi7400001.bot	66916	5104	2013-09-13	2013-09-14	MEDATLAS	For test
27455	MI56197400001_00721_H09	mi7400001.bot	66915	5104	2013-09-13	2013-09-14	MEDATLAS	For test
27454	MI56197400001_00711_H09	mi7400001.bot	66914	5104	2013-09-13	2013-09-14	MEDATLAS	For test
27453	MI56197400001_00701_H09	mi7400001.bot	66913	5104	2013-09-13	2013-09-14	MEDATLAS	For test
27452	MI56197400001_00521_H09	mi7400001.bot	66912	5104	2013-09-13	2013-09-14	MEDATLAS	For test
27451	MI56197400001_00511_H09	mi7400001.bot	66911	5104	2013-09-13	2013-09-	MEDATLAS	For test

1. Our DM is installed locally



2. And CDI sent to MARIS

Team : *Jamila Larissi, Aissa Benazzouz, Karim Hilmi, and Mustapha Wafiq.*