**European Union's FP7 Programme
DG Connect**
**Directorate C: Excellence in Science
Unit C1: e-Infrastructure**

Europe Latin America
Collaborative e-Infrastructure
for Research Activities

Deliverable D2.3

AAI Pilot

Periodical Progress Report

ELCIRA Deliverable: D2.3 - AAI Pilot

Document Full Name	**AAI Pilot**
Date	**June, 2013**
Activity	**WP2 (Coordinated Actions for AAI between EU and LA)**
Lead Partner	**RNP**
Document status	**Final**
Classification Attribute	**Public**
Document link	

Abstract: During the training, an AAI infrastructure was implemented, in pilot basis, with a small user database. This pilot has run in one participating NREN.

A project of the Seventh Framework Programme (FP7)

This project is funded by the European Commission

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DELIVERABLE ROUTE

	Name	Member/Activity	Date	Responsible
From	Leandro Guimarães	WP2	11/06/2013	RNP
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Aproved by	Florencio Utreras	RedCLARA	11/06/2013	RNP

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1.- INTRODUCTION

This document aims to register how a pilot federation was created. In this case we are using a Peruvian Federation, that will be called here as *"Federación INCA - Identidad Nacional para el Conocimiento y Acceso".*

As a suggestion also, the logo below has been sent to technical team in order to give an example on how the propaganda material is important to disseminate the federation idea.

Figure 1 - INCA Federation logo proposal.

2.- PROJECT TEAM

- Camila Fausto da Motta Santos – Rede Nacional de Ensino e Pesquisa - RNP (Installation and configuration).
- José Luis Quiroz Arroyo - Instituto Nacional de Investigación y Capacitación de Telecomunicaciones - INICTEL (Policy development, web page creation).

3.- ARCHITECTURE

The pilot was based on virtual machines installed and administrating by Peruvian team from INICTEL. Here follows below the configuration of machines:

Central Metadata and Discovery Service:
- IP address: 190.12.88.18
- Virtual machine
- 8 GB RAM
- Processor: Intel(R) Core(TM)2 Quad CPU   Q8400 @ 2.66GHz
- SO: Ubuntu server 12.04 AMD
- Disk 1: 250 GB
- Disk 2: 1024 GB

Identity Provider and LDAP

- IP address: 190.12.88.24
- Virtual machine
- 1 GB RAM
- Processor: CPU0: Intel QEMU Virtual CPU version 0.9.1 stepping 03
- SO: Ubuntu 12.04.2 LTS
- Disk 1: 150 GB

Service Provider

- IP address: 190.12.88.25
- Virtual machine
- 1 GB RAM
- Processor: CPU0: Intel QEMU Virtual CPU version 0.9.1 stepping 03
- SO: Ubuntu 12.04.2 LTS
- Disk 1: 150 GB

Central Metadata and
Discovery Service (WAYF)
(190.12.88.18)

Identity Provider and LDAP
(190.12.88.24)

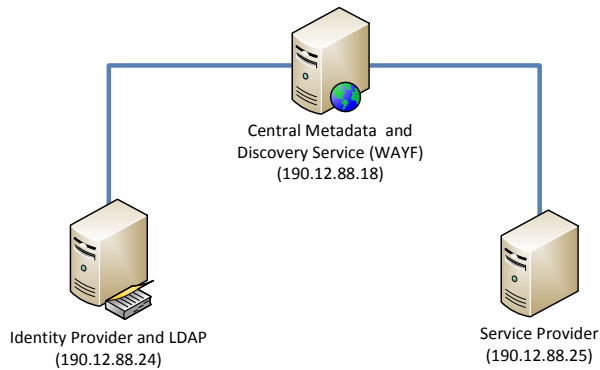Service Provider
(190.12.88.25)

Figure 2: INCA Federation architecture.

As also in a pilot basis it has been created a web page for the Service Provider, in order to do all necessary tests, connectivity and authentication.
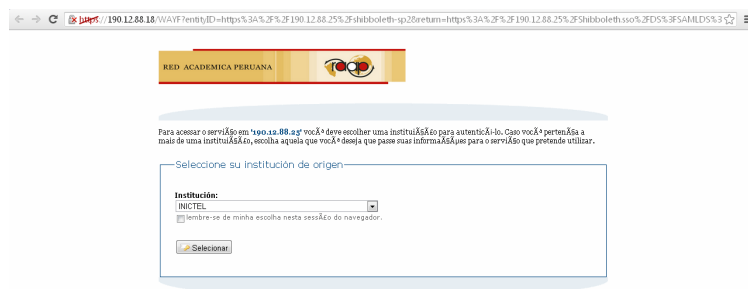

Figure 3: Service Provider web page.

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4.-   TRAINING

Through the federation training provided by RedCLARA in 2013, from Peru, we had the following students:

- Javier Richard Quinto Ancieta;
- Rossina Isabel Gonzales Calienes;
- Jose Luis Quiroz Arroyo;
- Dennis Cohn;
- Charles Alcántara Pineda.

5.-   SCHEDULE OF IMPLEMENTATION OF THE PILOT

		Modo da	Nome da tarefa	Duração	Início	Término	Predecessoras
1			⊟ INCA Federation Pilot	61 dias	Seg 15/04/13	Seg 08/07/13	
2	✓		⊟ Infrastructure	13 dias	Qui 09/05/13	Seg 27/05/13	
3	✓		Virtual machine deployment	4 dias	Qui 09/05/13	Ter 14/05/13	
4	✓		Discovery Service instalation	2 dias	Qua 15/05/13	Qui 16/05/13	3
5	✓		Metadata creation	1 dia	Sex 17/05/13	Sex 17/05/13	4
6	✓		Identity Provider instalation	1 dia	Seg 20/05/13	Seg 20/05/13	5
7	✓		Service Provider instalation	1 dia	Ter 21/05/13	Ter 21/05/13	6
8	✓		Configuration of infrastucture	2 dias	Qua 22/05/13	Qui 23/05/13	7
9	✓		Tests	3 dias	Qui 23/05/13	Seg 27/05/13	8
10			⊟ Policy	41 dias	Seg 13/05/13	Seg 08/07/13	
11			Policy analisys (COFRe, CAF e and ELCIRA template)	30 dias	Seg 13/05/13	Sex 21/06/13	
12			Policy creation	10 dias	Seg 24/06/13	Sex 05/07/13	11
13			Policy aproval	10 dias	Ter 25/06/13	Seg 08/07/13	12
14	✓		⊟ Training	30 dias	Seg 15/04/13	Sex 24/05/13	
15	✓		Training technical staff	30 dias	Seg 15/04/13	Sex 24/05/13	
16			⊟ Web page	26 dias	Ter 21/05/13	Ter 25/06/13	
17			Name (INCA Federation) aproval	20 dias	Qua 29/05/13	Ter 25/06/13	
18			Creation of web page with information regaring the federation	20 dias	Ter 21/05/13	Seg 17/06/13	17

Figure 4: Pilot schedule.

6.-   NEXT STEPS

- Reconfiguring the environment to production state;
- Creating the INICTEL IdP with real users;
- Integrate the RedCLARA Service Provider as INCA Federation Service Provider;
- Start the eduGAIN joining process.