Federated Identity Management and eduGAIN training for ngREN

INTRODUCION

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UbuntuNet Alliance

WACREN

ASREN

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Agenda

- I.   Training goals

- II. Training Structure

- III. Training schedule
- IV. Hands on part
- V.   Communication channels and web-references/links
- VI. The Training team

I. Training goals

- **Understand the basic principles of Federated Identity management**
- **Understand the general concepts underlying eduGAIN and Identity Federations**
- **Master also the more advanced features related to managing an Identity Federations**
- **Overall goal: build the next generation of Identity Federation managers/operators for ngREN**

- **This training is provided by the GÈANT Project GN5-2 WP5 and the AfricaConnect3 project, co-funded by the European Union**

- **Online-only**
- **Lightweight**
  - **2 or 3 hours max - each session**
- **Theory first**
- **Hands-on part afterwards**
- **Hands-on:**
  - **Trainees asked to implement steps on their own or in small groups (e.g. 2 teams of 2 people each)**
  - **Following detailed steps provided by the HowTo online guides**
  - **After each technical session there will be a follow-up/catch-up sessions where the trainers will**
    - **assess the work carried out by the participants**
    - **help sorting out possible problems**
    - **Ensure everyone is ready to proceed further to the next technical session/steps**

07/04/2025	9/4/2025	14/4/2025	16/4/2025	22/4/2025	24/4/2025	28/4/2025	30/4/2025	16/5/2025
Monday	Wednesday	Monday	Wednesday	Tuesday	Thursday	Monday	Wednesday	Friday
10:00-12:00	14:00-16:00	10:00-12:00	14:00-16:00	14:00-16:00	14:00-16:00	10:00-12:00	10:00-12:00	10:00-12:00
Introduction to the course Introduction to Federated Identiy Management	Presentation of eduGAIN Identity federations key components	eduGAIN policies and MRPS Intro to Hands-on HowTos	Hands on IdP - LDAP (trainees)	Checkpoint session IdP	Hands on SP DS test fed (trainees)	Checkpoint session SP, DS, test federation	Hands on PyFF (Jagger) (trainees)	Checkpoint session DS and test fed
Mario Andrijana Katarina	Mario Andrijana Katarina	Mario Andrijana Katarina	Mario	Marco Andrijana Katarina Mario	Mario	Marco Andrijana Katarina Mario	Mario	Marco Andrijana Katarina Mario
			10 VMs	10 VMs	10 VMs	10 VMs	10 VMs	10 VMs

IV. Hands-on sessions

- **<u>Three technical hands-on sessions</u>**
  - **Wednesday, April 16   13h-15h WAT   (14h-16h CEST)**
    - **Set up LDAP server, the Shibboleth Identity provider**
      - **Checkpoint/Support session: Tuesday, April 22 13h-15h WAT**
  - **Thursday,   April 24   13h-15h WAT   (14h-16h CEST)**
    - **Set up Test Service Provider, Discovery Service, Test federation**
      - **Checkpoint/Support session: Monday, April 28   9h-11h WAT**
  - **Wednesday, April 30   9h-11h WAT   (10h-12h CEST)**
    - **Set up PyFF as MDA (introduction to Jagger)**
      - **Checkpoint/Support session: Friday, May 16 9h-11h WAT**

V. Communication channels / references

- **Slack workspace : geant-ac3-ngren.slack.com**
  via Slack client or Web Interface https://geant-ac3-ngren.slack.com

- **Email**

- **Web link:**

  - https://github.com/GEANT/edugain-training/tree/main/materials

VI. The training team

- **Andrijana Todosijevic   AMRES (Serbia)**
  - User Services Department Lead
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- **Katarina Simonovic   AMRES (Serbia)**
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- **Marco Malavolti   GARR / IDEM (Italy)**
  - Senior Software Developer &
    Identity Federation Operator
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- **Mario Reale   GÈANT (The Netherlands)**
  - Senior Research Engagement Manager
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Andrijana

Katarina

Marco

Mario

Thank you

Any questions?

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