

Federated Identity Management and eduGAIN training for ngREN



INTRODUCION

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The AfricaConnect3 project receives funding
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- 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 GÉANT Project GN5-2 WP5 and the AfricaConnect3 project, co-funded by the European Union



II. Training implementation structure



- 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

III. Training schedule (April 7 to May 16)



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 Identity 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



- **Three technical hands-on sessions**
 - **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)
 - User Services Engineer
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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?



@AC3_News



AC3-Community



africconnect3.net

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