Workshop on Implementing eduroam on a Campus Network

Report of Contributions

Contribution ID: **1** Type: **not specified**

Welcome Note

Wednesday, 9 October 2024 09:00 (30 minutes)

Contribution ID: **2**   Type: **not specified**

Introduction to WiFi network security

Wednesday, 9 October 2024 09:30 (1 hour)

Contribution ID: **3**   Type: **not specified**

Introduction to RADIUS Protocol: FreeRadius implementation

Wednesday, 9 October 2024 11:00 (1 hour)

RADIUS basics

Contribution ID: **4** Type: **not specified**

WiFi and Mobility: What is eduroam and how it works

Wednesday, 9 October 2024 12:00 (1 hour)

introduction to eduroam

Contribution ID: **5** Type: **not specified**

EAP protocols and their use in the eduroam federation

Thursday, 10 October 2024 09:30 (1 hour)

EAP protocols overview

Contribution ID: **6**   Type: **not specified**

eduroam components: RPS, FLR, IdP/SP, NAS, Supplicant

Thursday, 10 October 2024 09:00 (30 minutes)

Contribution ID: **7**   Type: **not specified**

eduroam CAT: Federation operator perspective + IdP/SP manager's view

Thursday, 10 October 2024 11:00 (1 hour)

setup eduroam CAT

Contribution ID: **8**   Type: **not specified**

eduroam logging & monitoring

Thursday, 10 October 2024 12:00 (1 hour)

Contribution ID: **9** Type: **not specified**

Presentation of Switchboard

Thursday, 10 October 2024 14:00 (1 hour)

Contribution ID: **10**   Type: **not specified**

eduroam exercises

Thursday, 10 October 2024 15:00 (1 hour)

- Register FLR on the switchboard
- Register IdP+SP on the switchboard
- Add NAS (access points) on the switchboard
- Update (clients.conf/proxy.conf) on RPS, FLR, IdP+SP
- Configure NAS (access points)
- Test user authentication (local/visitors)

Contribution ID: **11**   Type: **not specified**

Unilag Campus: eduroam deployathon

Friday, 11 October 2024 09:00 (1h 30m)

Contribution ID: **12**   Type: **not specified**

Unilag Campus: eduroam deployathon

Friday, 11 October 2024 11:00 (2 hours)

Contribution ID: 13   Type: **not specified**

Unilag Campus: eduroam deployathon

Friday, 11 October 2024 14:00 (2 hours)

Contribution ID: 15   Type: **not specified**

Deploying and maintaining eduroam SP/IdP

Wednesday, 9 October 2024 15:00 (1 hour)

Session Classification: Operating your eduroam Federation

Contribution ID: **16** Type: **not specified**

Deploying and maintaining a Federation Level RADIUS server (FLR)

Wednesday, 9 October 2024 14:00 (1 hour)

Session Classification: Operating your eduroam Federation