

# Offering Campus Network Management as a Service (CNaaS): Challenges and lessons learnt

*WP6-T2 / Consensus Building*

CNaaS Infoshare

7 October 2020

[www.geant.org](http://www.geant.org)

# Agenda

13:00 → 13:20

## Campus Network as a Service in SUNET

🕒 20m



Explanation of the complexities, background and experiences so far from initial production. The components used and the collaborative development with other NRENs will be also discussed: why some parts are developed in-house, which can be reused by or from other NRENs?

**Speaker:** Mr David Heed (SUNET)

SUNET\_CNaaS\_Info...

13:20 → 13:40

## Campus Network as a Service in FUNET

🕒 20m



Overview of the service status, the use cases and customer feedback and the latest development of automation tools and the shared management platform.

**Speaker:** Mr Asko Hakala (FUNET)

FUNET\_CNaaS\_Info...

13:40 → 14:00

## Campus Network as a Service in UNINETT

🕒 20m



Experiences on bringing services to two new customers, including wifi deployment in a big Campus and the development of their aggregated alert system, that receives information from several monitoring systems and integrates them into a single one.

**Speakers:** Mr Morten Brekkevold (UNINETT), Mr Vidar Faltinsen (UNINETT)

UNINETT\_CNaaS\_In...

UNINETT\_CNaaS\_In...

14:00 → 14:30

## Campus Network as a Service Infoshare: Q&A and Debate

🕒 30m



Questions and answers and discussion around the table about CNaaS services

**Speakers:** Mr Asko Hakala (FUNET), Mr David Heed (SUNET), Mrs Maria Isabel Gandia (CSUC), Mr Morten Brekkevold (UNINETT), Mr Vidar Faltinsen (UNINETT)

# CNaaS Service Definition Template

1. Introduction
2. Terminology
3. Contacts/Roles
4. Service Delivery Model
5. Service Policy
6. Duration, Changes and Termination
7. Prices and Billing
8. GDPR Privacy Note
9. References

<https://wiki.geant.org/display/gn43wp6/CNaaS+Service+Definition+Template>

[https://www.geant.org/Resources/Documents/Campus\\_Network\\_Management\\_Service\\_Definition\\_Template\\_Checklist.docx](https://www.geant.org/Resources/Documents/Campus_Network_Management_Service_Definition_Template_Checklist.docx)

02-03-2020

## CNaaS Service Definition Template/Checklist

Work Package: WP6  
Task Item: Task 33  
Dissemination Level: PU (Public)  
Lead Partner: UoB/AMRES  
Document ID: GN4-3-20-23795cf  
Authors: Maria Isabel Gandia (CSUC/RedIRIS), Ivana Golub (PSNC), Susanne Naegele-Jackson (FAU/DFN), Pavle Vuletić (UoB/AMRES), Tim Chown (Iisc), Jasone Astorga (RedIRIS/University of the Basque Contry), Vidar Faltsinsen (Uninett), Asko Hakala (Funet), David Heed (SUNET)

© GÉANT Association on behalf of the GN4-3 project.  
The research leading to these results has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 856726 (GN4-3).

**Abstract**  
This document is a service definition template that can be edited and adapted by anyone who wants to offer campus network management as a service to their end-institutions, and to produce their own service definition and contract documents. Relevant topics to consider when writing a document based on the template are also included.

# Coming Soon

Event	Date
Measuring WiFi and eduroam Network Performance with WiFiMon	5 November 2020
Telemetry and Big Data Workshop	10 November 2020
How to Benefit from Network Management as a Service (NMaaS)	25 November 2020
Data Transfer Nodes	9 December 2020
Orchestration, Automation and Virtualisation in the NRENs. Ready, Steady, Go!	16 December 2020
Quantum Key Distribution	20 January 2021

More information in <https://events.geant.org>