

safelD eduroam Technology Profile v1.0

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This work is based on the "SWAMID eduroam Technology Profile v1.0", written by L. Johansson, T. Wiberg, V. Nordh, P. Axelsson, M. Berglund, A. Nilsson, J. Berggren available at <https://www.sunet.se/swamid/policy/eduroam/> ©2010 SUNET (Swedish University Computer Network) and the "ACOnet Identity Federation eduroam Technology Profile v0.1" available at <https://www.aco.net/technologien.html>, used under a Creative Commons Attribution-ShareAlike license: <http://creativecommons.org/licenses/by-sa/3.0/>.

1 Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC2119, see <https://www.ietf.org/rfc/rfc2119.txt>.

2 Introduction

This document is a safelD Identity Federation Policy Technology Profile which describes how the safelD Identity Federation is realised using eduroam [1].

3 Requirements

- All Identity Providers and Service Providers **MUST** comply with the European eduroam Confederation Policy Declaration [2].
- The RADIUS Realm **MUST** be a string equal to a domain owned by the organization that owns the eduroam Identity Provider.
- Members **MUST** be a Service Provider – i.e. **MUST** provide 802.1x network access.
- Members **MUST** provide network access in accordance with the eduroam Policy Service Definition and Implementation Plan [3]
- Members **MUST** operate at least one eduroam compliant RADIUS server and **SHOULD** operate at least two servers for redundancy.
- Members RADIUS server(s) **MUST** maintain a technical trust relationship with the SANET operated national root RADIUS servers.
- Members **MUST** aid all confederation members in solving problems and managing incidents involving roaming.
- Members **MUST** provide and update information according to the eduroam Service Definition and Implementation Plan [3] chapter 2.2.3.
- Members **MUST NOT** charge for network access using eduroam.

- Service Providers MUST support WPA2/AES.
- SANET MAY present statistics on usage and accessibility on the site eduroam.sk
- SANET MUST operate at least two RADIUS servers which proxy requests to members RADIUS servers based on realm names.
- SANET MUST operate the eduroam.sk website.

4 References

[1] <https://www.eduroam.org>

[2] https://www.eduroam.org/wp-content/uploads/2016/05/GN3-12-194_eduroam-policy-for-signing_ver2-4_1_18052012.pdf

[3] https://www.eduroam.org/wp-content/uploads/2016/05/GN3-12-192_eduroam-policy-service-definition_ver28_26072012.pdf