

# ACOnet Identity Federation eduroam Technology Profile

## 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 <http://www.ietf.org/rfc/rfc2119.txt>.

## 2 Introduction

This document is an AConet Identity Federation Policy Technology Profile which describes how the AConet Identity Federation is realized using eduroam [1].

## 3 Requirements

- All Identity Providers and Service Providers MUST comply with the European Confederation eduroam policy [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 Service Definition [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 AConet operated national root RADIUS servers.
- Members MUST aid all confederation members in solving problems and managing incidents involving roaming.
- Members SHOULD provide and update statistics according to eduroam Service Definition [3] chapter 2.2.3.
- Members MUST not charge for network access using eduroam.
- Service Providers offering eduroam MUST provide WPA2.
- AConet MAY present statistics on usage and accessibility on the site <http://www.eduroam.at>.
- AConet MUST operate at least two RADIUS servers which proxies requests to members RADIUS servers based on realm names.
- AConet MUST operate the eduroam.at website.

## 4 References

- [1] <http://www.eduroam.org/>  
[2] <http://www.eduroam.org/downloads/docs/GN2-07-328-eduroam-policy-for-signing-Final2-2.pdf>  
[3] [http://www.eduroam.org/downloads/docs/GN2-07-327v2-DS5\\_1\\_1- eduroam Service Definition.pdf](http://www.eduroam.org/downloads/docs/GN2-07-327v2-DS5_1_1- eduroam Service Definition.pdf)