

# 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 proxy 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)