



IRFED 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 IRFED Identity Federation Policy Technology Profile which describes how the IRFED 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 federationmembers 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.
- IRANET **MAY** present statistics on usage and accessibility on the site <http://www.eduroam.ir>.
- IRANET **MUST** operate at least two RADIUS servers which proxies requests to members RADIUS servers based on realm names.
- IRANET **MUST** operate the eduroam.ir 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
- [4] *Based on:* https://www.aco.net/fileadmin/Deeplinks/ACOnet_Identity_Federation_TP-eduroam.pdf