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 IRANET 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