SWAMID eduroam Technology Profile v1.0

Document	SWAMID eduroam Technology Profile
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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 a SWAMID Federation Policy Technology Profile which describes how the SWAMID Federation is realised using eduroam.

3 Requirements

- All Identity Providers and Service Providers MUST comply with the European Confederation eduroam policy.
- The Radius REALM MUST be a string equal to a domain owned by the organization that owns the eduroam Identity Provider.
- Members MUST be an SP – i.e MUST provide 802.1x network access.
  Members MUST provide network access in accordance with the eduroam Service Definition.
- 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 SWAMID operated national root RADIUS servers.
- Members MUST keep an audit trail of authentication requests, responses and accounting processed by the member RADIUS server.
- Members MUST keep logs on usage in compliance with Swedish legislation.
- Members MUST aid other members in solving problems and managing incidents involving roaming.
- Members MUST provide and update statistics according to eduroam Service Definition chapter 2.2.3.
- Members MUST not charge for network access using eduroam.
- Service Providers offering eduroam MUST provide WPA2 and SHOULD also provide WPA encryption.
- SWAMID MUST present statistics on usage and accessibility on the site eduroam.se
- SWAMID MUST operate at least two RADIUS server which proxies requests to members RADIUS servers based on realm names.
- SWAMID MUST operate the eduroam.se website.