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LAIFE 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 (http://www.ietf.org/rfc/rfc2119)

2 Introduction

This document is a LAIFE Federation Policy Technology Profile which describes how the LAIFE Federation is realised using eduroam.

3 Requirements

- All Identity Providers and Service Providers MUST comply with the European Confederation eduroam policy (https://eduroam.org/wp-content/uploads/2020/02/GN3-12-194_eduroam-policy-for-signing_ver2-4_1_18052012.pdf).
- 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 (https://eduroam.org/wp-content/uploads/2020/02/GN3-12-192_eduroam-policy-service-definition_ver28_26072012.pdf).
- 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 LAIFE 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 Latvian 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.

LAIFE MUST present statistics on usage and accessibility on the site eduroam.lv

LAIFE MUST operate at least two RADIUS server which proxies requests to members RADIUS servers based on realm names. LAIFE MUST operate the eduroam.lv website.