

eduroam technical information



eduroam technical information

On this page you will find technical details on eduroam, guide for connecting (in Swedish), and eduroam resources.

- [Parameters](#)
 - [Technical parameters](#)
- [RADIUS/RADSEC servers](#)
 - [RADSEC certificate](#)
- [Acceptance test and connecting](#)
 - [Connecting eduroam SP](#)
 - [Connecting eduroam IdP](#)
- [Resources](#)
 - [Guide](#)
 - [Summarized experiences in connecting to eduroam](#)
 - [External resources](#)

Parameters

The following parameters must be exchanged with Skolfederation for eduroam connected organizations:

Administrative parameters

- Organization name
- Domain name
- Technical contact person (name and email address)
- Administrative contact person (name and email address)
- Email address for abuse related matters

Technical parameters

- Protocol (RADIUS/RADSEC)
- Name and IP addresses of connected servers
- Mutually shared secret (RADIUS) or certificate (RADSEC)

The shared secret is provided by Skolfederation to the technical contact in agreement. If certificate is used the exchange is performed correspondingly.

RADIUS/RADSEC servers

Servers:

- r3.eduroam.skolfederation.se
- r4.eduroam.skolfederation.se

For RADIUS, use port 1812 (UDP)

For RADSEC, use port 2083 (TCP)

RADSEC certificate

Certificate file is found here: <https://skolfederation.se/app/uploads/2021/10/eduroam-skolfederation-v2-1.crt>

eduroam-skolfederation-v2-1.crt

SHA-256 fingerprint:
9C:CD:45:03:F7:6A:E0:DA:C0:87:A1:DF:66:66:F5:52:5D:89:65:79:25:1C:E8:74:93:57:8A:82:C9:A0:A3:A7

Summarized experiences in connecting to eduroam

Linköping municipality shares their experiences in connecting to eduroam in the below document (in Swedish):

<https://skolfederation.se/app/uploads/2014/02/Link%C3%B6pings-kommun-Erfarenheter-inf%C3%B6rande-av-eduroam1.pdf>

External resources

- [eduroam in Sweden](#)
- [eduroam in the world](#)
- [Technical information from TERENA](#)