

'How to....' (deploy, promote and support) eduroam

eduroam setup: Technical Documentation

If you're looking for technical advice about deploying eduroam in different situations, or for advice and materials that could help you / your organisation to ensure the greatest number of your customers / users know that eduroam is available to them, please use the links below to find the appropriate information.

User Group	Tasks for user group
I am a student/ teacher / researcher (Users)	End-user information
I am an IT manager / staff member from a university / college / school etc. (Institutions)	Setting up eduroam on site Support for end users
I am an IT manager / staff member from a (potential) National Roaming Operator organisation	Setting up eduroam on a national level

eduroam Operations Support Services

Access to most of the eduroam Operations Support Services is restricted to authorised National Roaming Operator (NRO) personnel (a.k.a. "federation operators") and their registered eduroam Identity Providers (IdPs) and eduroam Service Providers (SPs). Some services are available to the general public though. In the list below, the following prefixes are used to indicate access level

- **OPEN** - parts of the service are available to end users and the general public
- **INST** - parts of the service are restricted to eduroam IdPs and SPs
- **FED** - parts of the service are restricted to eduroam NRO personnel

[Obtaining Privileged Access to eduroam Operations Support Services](#)

List of eduroam Operations Support Service elements

eduroam database

- **FED** [web interface](#)
- **OPEN** [data format and status overview](#)
- **OPEN** schema verification for data set: http://monitor.eduroam.org/eduroam/xml_validation_test.php?url=http://your.url.here

eduroam infrastructure diagnostics

- **OPEN** [eduroam monitoring overview](#)
- **FED** [eduroam on-demand international connectivity test](#)

eduroam statistics

- **OPEN** [eduroam F-Ticks International Statistics](#)

eduroam CAT

- **OPEN INST FED** [eduroam Configuration Assistant Tool \(CAT\)](#)
- **OPEN** [A guide to eduroam CAT for institution administrators](#)
- **OPEN** [A guide to eduroam CAT for federation administrators](#)

Acknowledgements:

the eduroam logo is a registered trademark of the GÉANT Association

The technical information on these pages has been provided and updated thanks to eduroam experts from a number of organisations. Likewise, the advice and materials that have been provided to assist you in raising awareness of your eduroam service have been produced by a group of marketing and communications experts from European national research and education networking organisations (NRENS) and the pan-European organisation GÉANT. This work-in-progress is part of the [GÉANT \(GN4-2\)](#) project, which is funded by many NRENS and by the European Commission..

Recently Updated

[eap-types](#)

about an hour ago • updated by Wenche Backman-Kamila • [view change](#)

[eduroam IdP](#)

about an hour ago • updated by Wenche Backman-Kamila • view change

[How to deploy eduroam on-site or on campus \(ADVANCED\)](#)

about an hour ago • updated by Wenche Backman-Kamila • view change

[How to deploy eduroam in any WiFi network \(INTERMEDIATE\)](#)

about an hour ago • updated by Wenche Backman-Kamila • view change

[freeradius-sp](#)

about 2 hours ago • updated by Wenche Backman-Kamila • view change

[eduroam SP](#)

about 2 hours ago • updated by Wenche Backman-Kamila • view change

[endusers \(BEGINNER\)](#)

yesterday at 14:07 • updated by Wenche Backman-Kamila • view change

[eduroam in a nutshell \(BEGINNER\)](#)

Jan 20, 2020 • updated by Wenche Backman-Kamila • view change

[Technical issues \(ADVANCED\)](#)

Nov 21, 2019 • updated by Stefan Winter • view change

[Roaming with third parties based on Passpoint](#)

Nov 21, 2019 • created by Stefan Winter

[EAP Server Certificate considerations](#)

Nov 08, 2019 • updated by Stefan Winter • view change

['How to....' \(deploy, promote and support\) eduroam](#)

Nov 04, 2019 • updated by Linda Ness • view change

[Operating the Infrastructure](#)

Oct 29, 2019 • updated by Wenche Backman-Kamila • view change

[A guide to eduroam CAT for IdP administrators](#)

Oct 29, 2019 • updated by Wenche Backman-Kamila • view change

[How to support to end users](#)

Oct 29, 2019 • updated by Wenche Backman-Kamila • view change

Navigate space