

'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

[A guide to eduroam Managed SP](#)

Mar 04, 2024 • updated by [Stefan Winter](#) • [view change](#)

[A guide to eduroam CAT 2.0 and eduroam Managed IdP for National Roaming Operator administrators](#)

Feb 21, 2024 • updated by [Stefan Winter](#) • [view change](#)

[EAP Server Certificate considerations](#)

Feb 07, 2024 • updated by [Chris Phillips](#) • [view change](#)

[Devices that are compatible with eduroam](#)

Jan 31, 2024 • commented by [Martin Boži](#)

[ArubaOS \(stand-alone\) OpenRoaming configuration snippets](#)

Jan 30, 2024 • updated by [Stefan Paetow](#) • [view change](#)

[Meraki OpenRoaming configuration snippet \(cloud controller managed\)](#)

Jan 03, 2024 • updated by [Stefan Paetow](#) • [view change](#)

[Roaming on Passpoint-based network infrastructure \(incl. OpenRoaming\)](#)

Jan 03, 2024 • updated by [Stefan Paetow](#) • [view change](#)

[Passpoint / Hotspot 2.0](#)

Nov 21, 2023 • updated by [Stefan Paetow](#) • [view change](#)

[A guide to eduroam CAT 2.0 and eduroam Managed IdP for National Roaming Operator administrators](#)

Nov 07, 2023 • updated by [Wenche Backman-Kamila](#) • [view change](#)

[Location data in eduroam DB v2.0.1](#)

Nov 06, 2023 • updated by [Stefan Paetow](#) • [view change](#)

[Screenshot_20231027_165548.png](#)

Oct 27, 2023 • attached by [Stefan Winter](#)

[Screenshot_20231027_165412.png](#)

Oct 27, 2023 • attached by [Stefan Winter](#)

[Screenshot_20231027_165114.png](#)

Oct 27, 2023 • attached by [Stefan Winter](#)

[RADIUS Standards](#)

Oct 04, 2023 • created by [Jan-Frederik Rieckers](#)

[eduroam Apps](#)

Sep 26, 2023 • updated by [Stefan Paetow](#) • [view change](#)

[Navigate space](#)