'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

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Mar 04, 2024 • updated by Stefan Winter • view change

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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
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Nov 06, 2023 • updated by Stefan Paetow • view change
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