'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.

<table>
<thead>
<tr>
<th>User Group</th>
<th>Tasks for user group</th>
</tr>
</thead>
<tbody>
<tr>
<td>I am a student/ teacher / researcher (Users)</td>
<td>End-user information</td>
</tr>
<tr>
<td>I am an IT manager / staff member from a university / college / school etc. (Institutions)</td>
<td>Setting up eduroam on site</td>
</tr>
<tr>
<td>I am an IT manager / staff member from a (potential) National Roaming Operator organisation</td>
<td>Setting up eduroam on a national level</td>
</tr>
</tbody>
</table>

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**

- OPEN web interface
- OPEN data format and status overview

**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:

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Recently Updated

EAP Server Certificate considerations

Dec 15, 2021 • updated by Stefan Paetow • view change
eduroam SP
Dec 07, 2021 • updated by Stefan Winter • view change

eduroam Apps
Nov 25, 2021 • updated by Stefan Paetow • view change

EAP Server Certificate Considerations, 2021 edition
Nov 24, 2021 • updated by Stefan Winter • view change

Testing with eapol_test
Nov 22, 2021 • updated by Stefan Paetow • view change

A guide to eduroam CAT for IdP administrators
Oct 28, 2021 • updated by Christian Rohrer • view change

eduroam IdP
Oct 18, 2021 • updated by Wenche Backman-Kamila • view change

A guide to eduroam CAT for IdP administrators
Oct 07, 2021 • updated by Stefan Winter • view change

eduroam Apps
Jun 28, 2021 • updated by Guy Halse • view change

endusers (BEGINNER)
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National topics (ADVANCED)
Jun 16, 2021 • updated by Wenche Backman-Kamila • view change

Langattomat-Funetin-tekniset-paivat-2021-esitys.pdf
Jun 16, 2021 • attached by Wenche Backman-Kamila

eduroam IdP
Jun 07, 2021 • updated by Peter Schober • view change

Roaming on Passpoint-based network infrastructure (incl. OpenRoaming)
May 19, 2021 • updated by Stefan Winter • view change

Cisco IOS-XE OpenRoaming configuration snippet
May 19, 2021 • updated by Stefan Winter • view change

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