'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; Support for end users</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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endusers (BEGINNER)
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National topics (ADVANCED)
Jun 16, 2021 • updated by Wenche Backman-Kamila • view change

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Jun 16, 2021 • attached by Wenche Backman-Kamila

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

Cisco IOS-XE OpenRoaming configuration snippet
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ArubaOS (controller) OpenRoaming configuration snippet
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ArubaOS (stand-alone) OpenRoaming configuration snippets
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How to deploy eduroam on-site or on campus (ADVANCED)
Apr 27, 2021 • commented by Patrick Oberli

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