



## New Services for 2019

- Primary focus for 2019 will be Trust, Identity and Security services
  - Very end user focused services
- eduroam Managed IdP
- eduroam Visitor Access
- InAcademia
- eduVPN

# eduroam Managed IdP

- Designed for smaller Institutions
  - <~250 students
  - Without effective federated Identity service

- Web-based management interface
- CAT enabled for users

- <https://www.eduroam.org/eduroam-managed-idp/>
- <https://www.eduroam.org/wp-content/uploads/eduroam-leaflet-IdP.pdf>

## eduroam Managed IdP

MAKING EDUROAM EASY

The benefits of eduroam for institutions and users are clear – the ability to provide secure, easy-to-use local and global Wi-Fi roaming to students, researchers and staff. It is a major plus for any organisation and when added to managing access for visitors makes a compelling case.

But for smaller institutions it may be hard to dedicate resources to implementing and support eduroam.

eduroam Managed IdP can get your users on-line quickly and securely.



**101**  
COUNTRIES

**1 BILLION+**  
AUTHENTICATIONS A YEAR

## Why do you need eduroam Managed IdP?

eduroam relies on all participating institutions to manage a service that controls all their user identities and responds to connection requests from eduroam access points worldwide.

This requires the management and support of an Identity Provider (IdP) Service comprising of a well-managed identity backend, and a RADIUS Server to verify the credentials from that backend and grant user access to eduroam. Many smaller institutions may not have the in-house skills or resources to operate the required services and in particular to maintain their integrity. This is why eduroam Managed IdP has been developed.

**EASY-TO-USE**  
DEVICES AUTOMATICALLY CONNECT  
WHERE IN RANGE

**SECURE**  
USES 128-BIT END-TO-END ENCRYPTION  
FOR MAXIMUM SECURITY

## eduroam WORLDWIDE



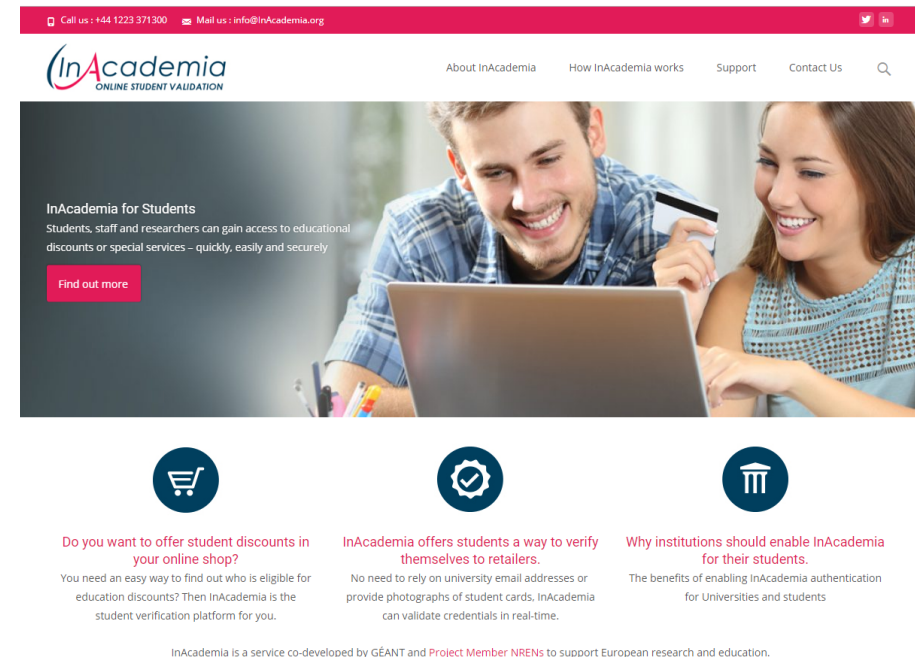
- Allows institutions to offer secure visitor access to eduroam.
  - Avoids need to create insecure guest IDs
  - Allows individual tracking (if needed)
  - Can be used to promote eduroam at events  
TNC18, SC18, ICT2018
- Simple web-based account creation
- Operated by SURF
  - <https://eva.eduroam.nl/en/>

The screenshot shows the eduroam Visitor Access dashboard. The header includes the eduroam logo, language options (NL, EN), and the user name Karl Meyer. The main content area is titled 'Home - Dashboard' and is divided into three sections:

- MY VISITORS:** A text block stating that up to 20 visitors can be active at once for a 21-day period, with 0 currently created. It includes 'My visitors' and 'Create visitor' buttons.
- MANUAL & SUPPORT:** A link to the 'Manual eduroam Visitor Access v. 1.3'.
- CREATED ACCOUNTS:** A summary showing 0 accounts created this month and 0 the previous month.
- MY DETAILS:** A table listing user information.

MY DETAILS	
Name	Karl Meyer
Email address	Karl.Meyer@geant.org
Organization	GÉANT
Type	staff, member
ID	urn:collab:person:geant.org:karl

- Designed for commercial providers wanting to offer special deals/discounts to academic customers
- Provides simple “lightweight” authorisation mechanism
  - Offers a plain “Yes/No” answer and optionally “Student/Researcher/Staff” attribute
- Removes the need for each service provider to register as a Service Provider with a national federation



[www.inacademia.org](http://www.inacademia.org)

- Point-to-point personal VPN
- Secures access from public WiFi
- Can bypass Firewall restrictions
  - Access back to home base
- Due for Launch mid-late 2019
- Watch this space

eduVPN - Securing access for remote staff and students



More Information

For more information about eduVPN visit the eduVPN website




Contact the eduVPN team

Service description

The purpose of eduVPN is to provide a more secure access to public and private networks for the international research and education community. The essential eduVPN user experience should be: "open your laptop and be securely online".

eduVPN service instances offered by NRENs or universities, research labs, etc. (hereafter called "Institutes") allow students, researchers and staff from participating institutions to obtain a VPN on their devices to known end-points.

Key Benefits

	Users	Campus IT
 <b>PLUG AND PLAY</b>	Easy-to-use - No technical skills required for client installation	No on-site HW or software required
 <b>PRIVACY BY DESIGN</b>	Based on open standards and designed for authenticated private access and secure browsing	
 <b>SECURE BY DEFAULT</b>	Enhances privacy of public Internet access	Provides end-to-end protection for remote staff and students

**Thank you**  
Any questions?

