Our school is connected to eduroam

The _eduroam_ federation is an international project dealing with the promotion of mobility and roaming in national research and education networks (NRENs). In the Czech Republic, this project is under the auspices of the CESNET association. Our school joined the project in2023. This was another step towards improving the quality of the institution's quality of education and prestige.

One account. Anywhere.

A registered participant can use this wireless network (wherever it is available) using one user account. The account is managed by the home (provisioning) organization.

Using roaming is simple, a properly configured subscriber's device connects automatically as soon as the eduroam network is available. Connection to foreign networks of mobile operators works similarly to roaming. Hence the acronym: **edu**cation **roam ing**.

The service is free of charge for all participants.

Eduroam account activation

In _eduroam_, a username consisting of two parts is used - the username itself and the realm. After **the username you** are used to from other school systems, you will add **the @ sign** and the realm **gjkt.cz**. Before you can use roaming, you will also need to set up an eduroam password.

Setting up user devices to connect to eduroam

To **securely connect** to _eduroam_**, it is not enough to just enter your name (username@gjkt.cz) and password**. You also need to set up a certificate check, the easiest way to do this is with eduroam CAT, see the documentation on eduroam.cz.

For manual setup, you'll need the following information:

1. network name (SSID): eduroam
2. Connection protocol: 802.1x
3. Security & Encryption: WPA2/AES
4. Authentication: PEAP (alternatively TTLS)
5. internal authentication protocol: MS-CHAPv2
6. RADIUS server name: radius.gjkt.cz
7. Certification Authority: Which certificate to use?
8. The IP address is assigned automatically via DHCP

Spaces covered

Eduroam is broadcast continuously throughout the school campus and its surroundings.

Traffic filtering

The operation of the school's pupils is filtered in accordance with the laws of the Czech Republic.

Visitors are not affected in any way except for filtering outgoing SMTP traffic (TCP/25), use SMTPS (TCP/465) or Submission (TCP/587) services to send mail.

Support

Users of our school can contact us by email: dmejchal@gjkt.cz