

## **Our school is connected to eduroam**

Eduroam is an international mobility and roaming support project in National Research and Education Networks (NREN). In the Czech Republic, this project is overseen by CESNET. Our school / institution was involved in the project in 2019. This was the next step in improving the quality of the education and the prestige of the institution.

### **One Account. Anywhere.**

A registered participant can use this wireless network (wherever it is available) using a single user account. Account management is done by home (set up) organization.

Using roaming is simple, a properly configured subscriber device connects automatically when the eduroam network is available. It works in the same way as connecting to foreign networks of mobile operators in roaming. From here also comes the acronym: education roaming.

The service is free for all participants.

### **Activating eduroam account**

In eduroam, a username consists of two parts - the username and realm. User name is the one that you are used to from other school systems and you will be adding @ and realm sos-jh.cz. The password is the same as for all other systems.

### **Setting up user devices to connect to eduroam**

For safe connection to eduroam, it is not enough to enter a name and password. You also need to set up a certificate check, the easiest way to do this is using eduroam CAT, see documentation on eduroam.cz.

To set up manually, you will need the following information:

- Network name (SSID): eduroam
- Connection protocol: 802.1x
- Security and encryption: WPA2 / AES
- Authentication: PEAP (alternatively TTLS)

- Internal authentication protocol: MS-CHAPv2
- RADIUS server name: matrix.sos-jh.com
- Certification authority: DigiCert Assured ID Root CA
- The IP address is assigned automatically via DHCP

## **Covered spaces**

eduroam is broadcasted in all IT classrooms, in the corridors and in the gym. Access to the campus is available from 07:00 to 17:00 from September to June and from 8:00 to 15:00 from July to August.

## **Traffic filtering**

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

There is no interference with visitors, except for outgoing SMTP (TCP / 25) filtering. Use SMTPS (TCP / 465) or Submission (TCP / 587) to send mail.

## **Support**

Users of our school / institution can contact eduroam@sos-jh.cz or call +420 736 634 640 or +420 776 055 966.

Visitors with an eduroam account should seek support primarily at their home institution, it means the one which created their account.