CERGE-EI Wi-Fi – brief connection guide

Network 'eduroam'

This network provides a secure wifi connection for users from academic comunity (WPA2-Enterprise / 802.1X authentication)

- Eduroam is provided under the umbella of Charles University as a part of the CUNI.CZ Eduroam realm.
- Supporting web pages are available in EN at https://uvt.cuni.cz/UVTEN-60.html (basic info, howto, coverage and availibility).
- Allowed traffic is limited to secure email services, VPN connections and common HTTP, HTTPS based services.

Network 'residents'

This network provides secure authentication for individual users (WPA2-Enterprise / 802.1X)

- If you are <u>officially affiliated</u> with CERGE-EI, you SHOULD use this Wi-Fi network.
  You must ask for your credentials at the Wi-Fi Registration microsite:

  >> **Registration address is https://wifi.cerge-ei.cz** <<

- **Important:** the registration site is accessible ONLY from CERGE-EI on-premises networks (LAN, Wi-Fi).
- If you are eligible to access the Wi-Fi, a password is generated along with a defined period of its validity.
- **Each user must use his/her own credentials** in order to comply with security standards.
- **Never give your credentials to any other person!**
- Avoid any illegal network activities and always follow applicable rules

Configuration hints for your mobile device

Basic Wi-Fi settings

Network name (SSID)	residents
Username	*Use your registration email (use lower-case letters only)*
Password	*Use the password shown to you during registration*
Security type	WPA2-Enterprise / 802.1X
Encryption type	AES
Domain	wifi.cerge-ei.cz

Other Connection Settings (if needed)

Network authentication method	Protected EAP (PEAP, Microsoft PEAP)
Certificate CA	Use system certificates
Authentication Method	EAP-MSCHAPv2 (Windows specific: disallow use of Windows logon)
802.1X Advanced Settings	Authentication mode = User Auth. (enter and save your credentials)

Pay attention to special settings in Windows (see details at https://www.cerge-ei.cz)

Network 'libairfree'

The Wi-Fi network LIBAIRFREE provides **Internet access via simple web authentication** and is intended mainly for guests and short-term visitors.

- After your device is connected, **start the device's web browser and enter username and password**.
  Hint: if you are not redirected to the authentication web page, use `https://wlcwa.cerge-ei.cz`
  (or use IP `https://1.1.1.2` - you must confirm security exception to use untrusted certificate in this case)
- Username and password for authentication can be obtained from the CERGE-EI Library (Ground floor).
- **Authentication is valid for one day**. You may repeat the process daily as needed.

If you experience a problem or have any feedback, please let us know!

Detailed info about Wi-Fi is available at	***https://wiki.cerge-ei.cz** –> IT –> Networking –> Wi-Fi Connection*
Helpdesk email:	helpdesk@cerge-ei.cz