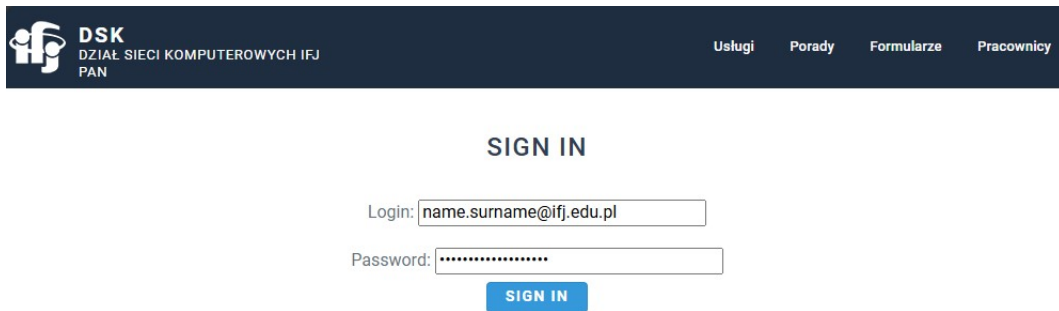


Wi-Fi – Connecting to „IFJ” wireless network [LINUX (Ubuntu 24.04)]

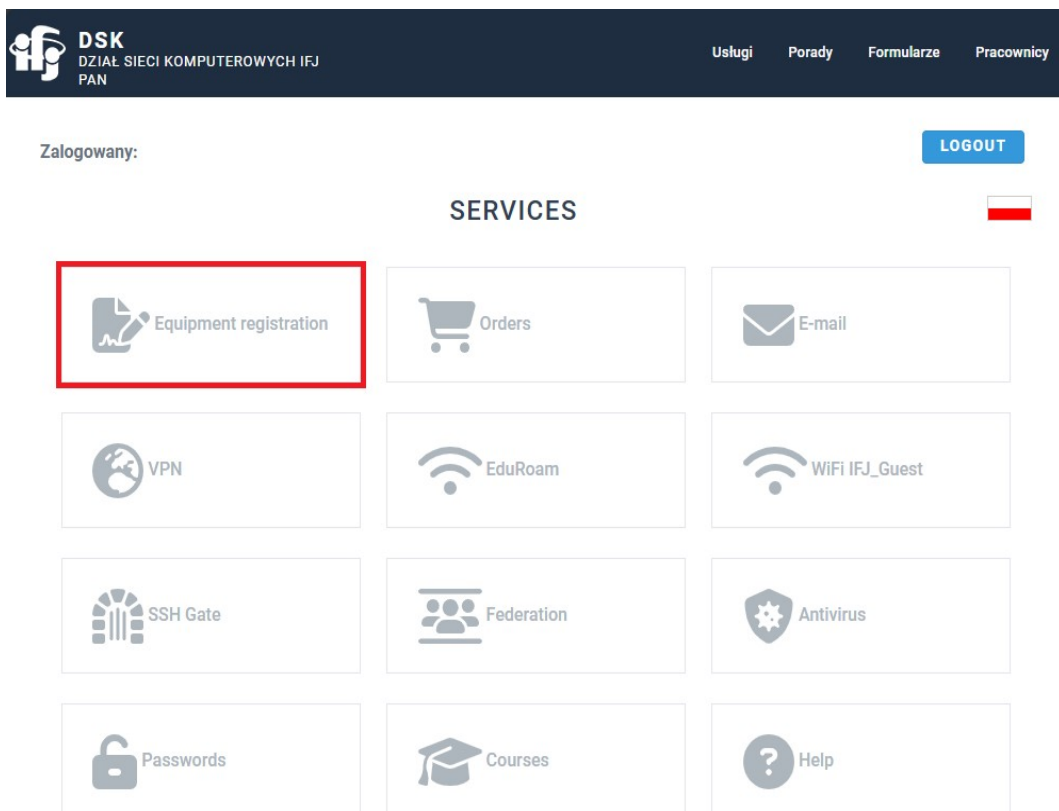
Step 1 – Device registration on net.ifj.edu.pl

1. In order to connect the device to the wireless network, it has to be registered on the net.ifj.edu.pl site.



The screenshot shows the login page of the net.ifj.edu.pl website. At the top left is the logo for DSK (DZIAŁ SIECI KOMPUTEROWYCH IFJ PAN). To the right are navigation links: Usługi, Porady, Formularze, and Pracownicy. The main heading is "SIGN IN". Below it are two input fields: "Login:" with the placeholder text "name.surname@ifj.edu.pl" and "Password:" with a masked password ".....". A blue "SIGN IN" button is positioned below the password field.

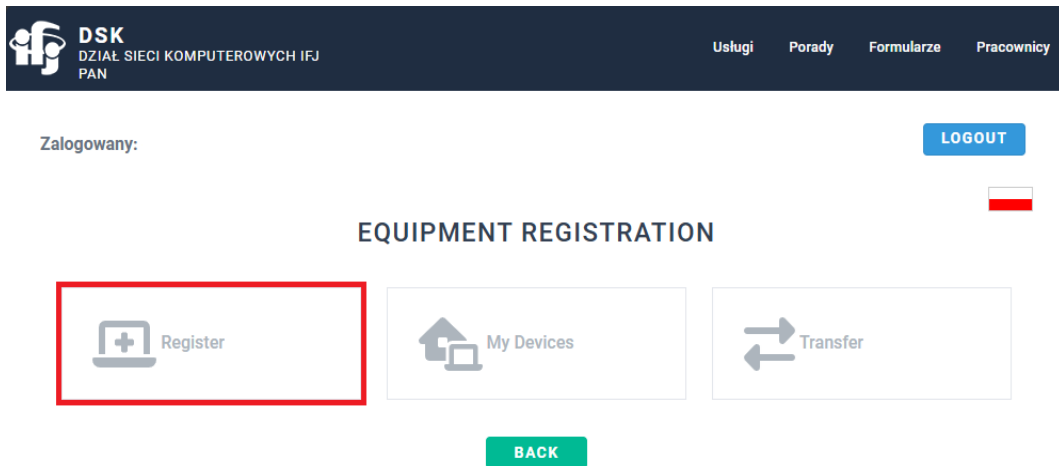
2. After logging in, click *Equipment registration* button.



The screenshot shows the services page of the net.ifj.edu.pl website after a successful login. The top navigation bar includes the DSK logo and links for Usługi, Porady, Formularze, and Pracownicy. Below the navigation bar, it says "Zalogowany:" (Logged in) and a blue "LOGOUT" button. The main heading is "SERVICES" with a Polish flag icon to its right. A grid of service tiles is displayed below. The "Equipment registration" tile, which features a computer monitor icon, is highlighted with a red rectangular border. Other tiles include "Orders" (shopping cart icon), "E-mail" (envelope icon), "VPN" (globe icon), "EduRoam" (Wi-Fi icon), "WiFi IFJ_Guest" (Wi-Fi icon), "SSH Gate" (server rack icon), "Federation" (group of people icon), "Antivirus" (shield with gear icon), "Passwords" (lock icon), "Courses" (graduation cap icon), and "Help" (question mark icon).

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3. Next, select *Register*.



DSK
DZIAŁ SIECI KOMPUTEROWYCH IFJ
PAN

Usługi Porady Formularze Pracownicy

Zalogowany: [LOGOUT](#)

EQUIPMENT REGISTRATION

Register My Devices Transfer

[BACK](#)

4. Fill registration form

ADD NEW DEVICE

Room: [i](#)

Department: [i](#)

Device: [i](#)

Mac Adresses: ETH: WIFI:

[i](#) ETH: WIFI:

ETH: WIFI:

Hostname: [i](#)

Inventory Number: [i](#)

Operating System: [i](#)

Ownership: [i](#)

Comments:

[ADD](#)

Wi-Fi – Connecting to „IFJ” wireless network [LINUX (Ubuntu 24.04)]

- a. Fields *Hostname* and *Inventory number* applies only to IFJ devices, and are given out by DSK and DFK/DZI departments.
When registering a private device, these fields can be skipped.
- b. Mac Address – It can be found by using **Terminal**. Open it and input **ifconfig** command. Field *ether* holds the MAC address. Remember that portable computers, e.g. laptops, could possess 2 networking cards – for wired and wireless connections. If that is the case for your device, you need to input both addresses.

```
virtual-box_admin@admin-VirtualBox: ~
virtual-box_admin@admin-VirtualBox:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
  inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
  inet6 fe80::a00:27ff:fe2a:447c prefixlen 64 scopeid 0x20<link>
  ether 08:00:27:2a:44:7c txqueuelen 1000 (Ethernet)
  RX packets 44469 bytes 66511970 (66.5 MB)
  RX errors 0 dropped 0 overruns 0 frame 0
  TX packets 2897 bytes 221069 (221.0 KB)
  TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
  inet 127.0.0.1 netmask 255.0.0.0
  inet6 ::1 prefixlen 128 scopeid 0x10<host>
  loop txqueuelen 1000 (Local Loopback)
  RX packets 387 bytes 37266 (37.2 KB)
  RX errors 0 dropped 0 overruns 0 frame 0
  TX packets 387 bytes 37266 (37.2 KB)
  TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlx801f02b96416: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
  ether 80:1f:02:b9:64:16 txqueuelen 1000 (Ethernet)
  RX packets 0 bytes 0 (0.0 B)
  RX errors 0 dropped 0 overruns 0 frame 0
  TX packets 0 bytes 0 (0.0 B)
  TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

Wi-Fi – Connecting to „IFJ” wireless network [LINUX (Ubuntu 24.04)]

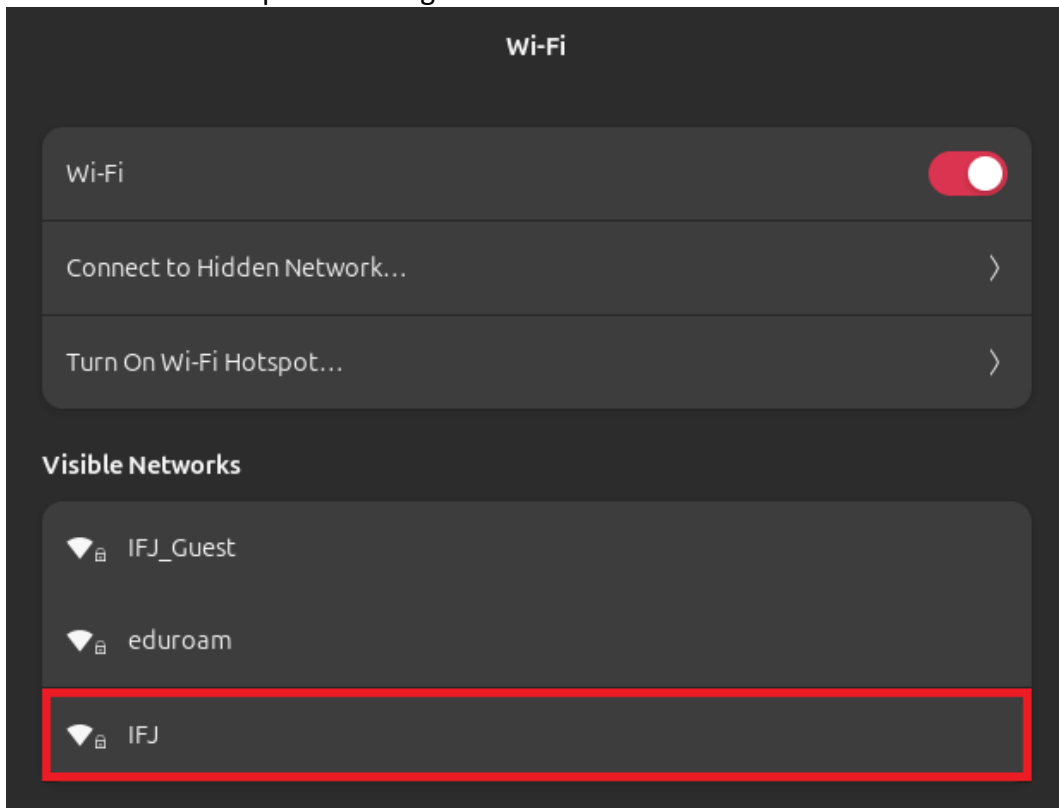
Step 2 – Connecting to wireless network

1. When the device is registered, you can connect to the wireless network. Click the *Network* shortcut on the Menu Bar, turn on Wi-Fi. Next, click the “arrow” > button, to show all visible networks. Then, open the wireless settings by clicking the *All Networks* button.



Wi-Fi – Connecting to „IFJ” wireless network [LINUX (Ubuntu 24.04)]

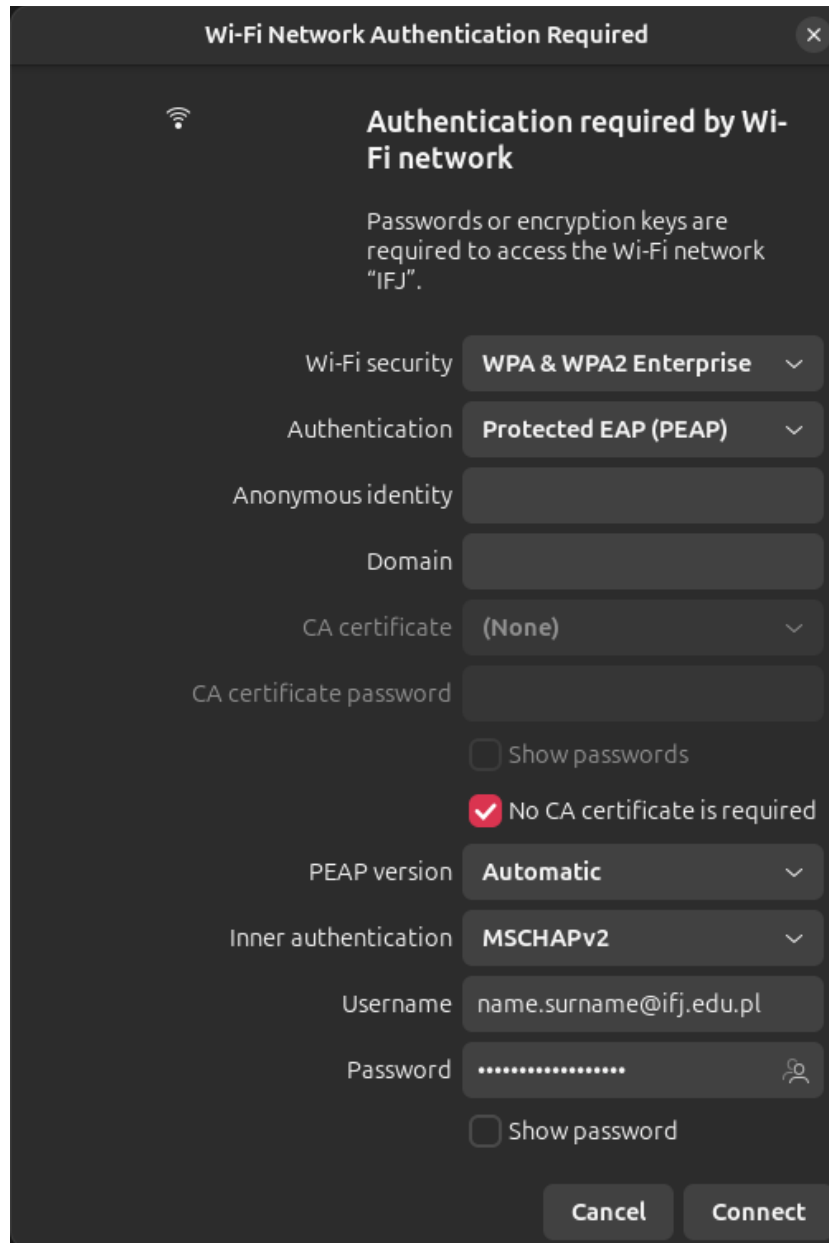
2. Click *IFJ* network to open its configuration.



3. It has to be configured in the following way:
 - Wi-Fi security – WPA & WPA2 Enterprise
 - Authentication – Protected EAP (PEAP)
 - CA Certificate – (Brak)
 - Check *No CA Certificate is required*
 - PEAP version – Automatic
 - Inner authentication – MSCHAPv2
 - Username – Email address in the long format (name.surname@ifj.edu.pl)
 - Password – The same as for *net.ifj.edu.pl* site

Wi-Fi – Connecting to „IFJ” wireless network [LINUX (Ubuntu 24.04)]

4. Filled form should look like this:



Wi-Fi Network Authentication Required

Authentication required by Wi-Fi network

Passwords or encryption keys are required to access the Wi-Fi network "IFJ".

Wi-Fi security: **WPA & WPA2 Enterprise**

Authentication: **Protected EAP (PEAP)**

Anonymous identity: [Empty field]

Domain: [Empty field]

CA certificate: **(None)**

CA certificate password: [Empty field]

Show passwords

No CA certificate is required

PEAP version: **Automatic**

Inner authentication: **MSCHAPv2**

Username: name.surname@ifj.edu.pl

Password: [Masked password]

Show password

Cancel **Connect**

5. If everything has been configured correctly, computer should connect to *IFJ* wireless network.

In case of issues with configuration, contact DSK department:

- E-Mail – admin@ifj.edu.pl
- Phone number – 8296