

AG DSN membership and network access

1 Membership in AG DSN – online registration

The membership is a prerequisite for obtaining access to the network!

Open <https://agdsn.de>, navigate to [Membership](#) >> [Registration](#) and follow the given instructions.

If you are not able to register online, you can come to our office hours for registration. **Make sure to bring your rental agreement.**

Additional information

- The name appears as Herr/Frau last name, first name in your rental agreement.
- Please enter a valid email address as you will receive a confirmation email.
- If you are unable to access the Internet or the online registration fails, please get in contact with us (see Contact).

2 Activation of network access

Log in to <https://agdsn.de>, click “Activate network access” under “Often Used Actions” and follow the instructions. How to find out your MAC address is explained in the following.

Each network card has a unique identifier, the so called MAC, Ethernet or physical address. It is a twelve-digit hexadecimal number (digits 0-9, letters a-f), often divided by hyphens or colons. Example: 02:12:6B:9F:20:CC.

Attention: Only the one device registered via its MAC address is able to establish a connection from your room and your IP address (most likely your computer or router). If you want to connect multiple devices or use WiFi, use a router!

2.1 Getting the LAN MAC address of a PC

Automatically: Connect your device to the socket (usually the left one) on the wall and access <http://captive-portal.agdsn.de> in your web browser (Firefox, Chrome or similar). Now a blue error page containing your MAC address should appear. If this doesn't work, try out the according method below.

Manually: Please note that most computers have multiple network cards/adapters (maybe even virtual ones). We need the address of the Ethernet adapter or Local Area Network connection.

Windows

1. Press **[Win]+[R]**.
2. Type `cmd` and **[↵]**.
3. Type `getmac /v` and **[↵]**.
4. Find the Ethernet adapter. (Not WLAN or WiFi!)
5. Read the physical address.

Mac OS X

1. **[Apple]** >> **System Preferences** >> **Network** >> **Ethernet**
2. **Advanced** >> **Hardware** >> **MAC Address** or **Advanced** >> **Ethernet** >> **Ethernet-ID**

2.2 Getting the WAN MAC address of a router

The MAC address printed on the back of most routers is not the one required for the network connection. We need the one of the

WAN port, which you should find in the device's configuration interface. For more information please refer to the router's manual.

3 Using the network

3.1 Connecting to the network

Simply connect your device with a network cable (RJ45) to the labelled socket. Make sure that you obtain the network configuration automatically:

Windows

1. Press **[Win]+[R]**.
2. Type `control netconnections` and **[↵]**.
3. **[H]** your Local Area Connection.
4. **Properties** >> **Internet Protocol Version 4 (TCP/IP)**
5. **Properties** >> **Obtain an IP Address automatically**

Mac OS X

1. **[Apple]** >> **System Preferences** >> **Network** >> **Ethernet**
2. **Configure** >> **Using DHCP** >> **Ethernet**

3.2 Multiple Devices/WiFi

If you want to use multiple devices or WiFi, you have to use a (WiFi) router. Please **avoid** buying an access point or DSL router. These devices typically do not operate as a normal router and won't work. You can find a few models that work for sure at <https://agdsn.de> under [Support](#) >> [Router](#).

4 Further information

Usersuite The central hub for managing your membership is the *Usersuite*. In order to access it, log in to <https://agdsn.de>.

Membership contribution Every member has to pay a contribution, which is due at the end of each month. You can find out your finance balance and the payment details in the Usersuite.

Changing the MAC address You can change your MAC address in the Usersuite.

Moving Infos at <https://agdsn.de>, [Support](#) >> [Relocation](#)

Temporary absence If you move out temporarily, e.g. for an internship or a semester abroad, you can resign so that you won't have to pay the contribution. When you are back, you will have to register again and specify your old user ID.

Subtenants Subtenants must become members themselves and are not allowed to simply use the main tenant's network access.

5 Contact

You have a question or a problem? Write an email to support@agdsn.de or come to one of our offices. You can find current information on the office hours at <https://agdsn.de> under “Contact” or on our postings in your dorm.

6 Participate

The student network thrives on its active members. Are you interested in working with the network technology and help us at the same time? Then take place in one of our team meetings. Visit <https://agdsn.de> under [About us](#) >> [Teams](#) for more information on our teams.