

AG DSN membership and network access

1 Membership in AG DSN – online registration



<https://go.agdsn.de/register>

To obtain network access please register at our website.

The registration can also be done in our local offices during the office hours.

Don't forget to bring your rental agreement.

2 Activation of network access

Now, you need to activate your device's MAC address. Log on to <https://agdsn.de>, click "Activate network access" under "Often Used Actions" and follow the instructions.

Each network card has a *unique* identifier, the so called MAC, Ethernet or physical address that we use to identify your device. 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.

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

2.1 Getting the LAN MAC address of a PC

Please note that most computers have multiple network cards/adapters. We need the address of the Ethernet adapter or Local Area Network (LAN) connection.

Windows

1. Press **[Win]+[R]**, type `cmd` and hit **[Enter]**.
2. Type `getmac /v` and hit **[Enter]**.
3. Copy the **physical address** of the Ethernet adapter. (not WLAN or WiFi!)

Linux

1. Open a terminal, type `ifconfig -a` and press **[Enter]**.
2. Copy `ether` or `Hwaddr` of the Ethernet interface (`eth0` or similar).

Mac OS X

1. **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 hit **[Enter]**.
3. **[C]** your Local Area Connection.
4. **Properties** > **Internet Protocol Version 4 (TCP/IP)**
5. **Properties** > **Obtain an IP Address automatically**

Mac OS X

1. **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 list of well-suited devices at <https://go.agdsn.de/router>

4 Further information

Membership contribution Don't forget to pay the membership contribution which is due at the end of each month. You can find out your finance balance and the payment details in the Usersuite.

Moving out/Cancellation The membership does **not** end automatically when moving out of the dormitory or during longer periods of absence (internship,...). You can cancel your membership at any time at <https://go.agdsn.de/cancel>. Otherwise, your membership contribution will still become due.

Subtenants Subtenants must also **become members** themselves. Sharing your connection is **not** allowed.

5 Contact

You have a question or a problem?
You can get in touch ...

... via e-mail to support@agdsn.de

... in our offices during the office hours (to be found at our homepage and on our postings in your dorm)

... via telephone (0351 89670993) during our office hours

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.

MAC, IP, TCP, DHCP, HTTP

You want to know how to not get lost in between all these abbreviations?
Or get some insight on how these terms are linked to the fast network connection in your apartment?

Whether you are interested to become part of one of the largest German student networks or just want to help your fellow students with their network access:

Just come over to one of our team meetings!



Every Tuesday and Wednesday
<https://go.agdsn.de/teams>

