The Proxy

The proxy is used to allow only authorized data traffic between the university network and the internet.To access the internet via the HsKA network, you have to set a proxy server.
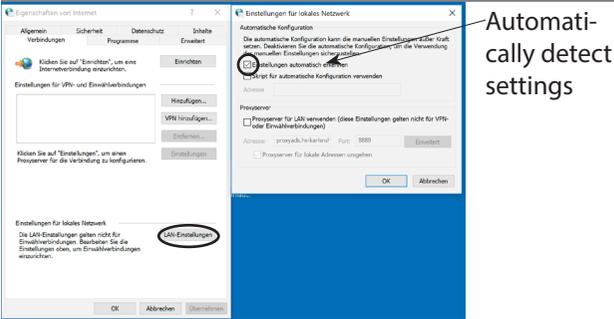
For HTTP / HTTPS / FTP use the following settings:

- host name: *proxy.hs-karlsruhe.de*
- access TCP / Port 8888
- user name: <eight digit IZ-username>

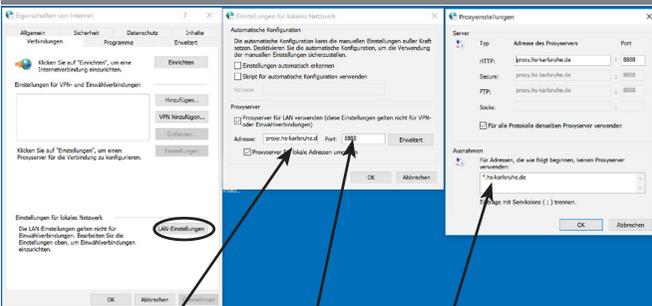(For more details see flyer „IT Services for Experts")

Proxy settings - systemwide (IE, Edge, Chrome)

Internet options > Connection > LAN-Settings >

(a) Automatic proxysettings

Automatically detect settings

(b) Manual proxysettings (...LAN-Settings > Advanced)

proxy.hs-karlsruhe.de   8888   *.hs-karlsruhe.de; 193.196.64.*; localhost;127.0.0.1;10.*.*.*
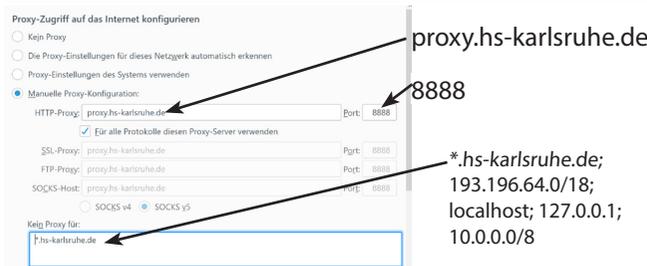
Proxy settings - Mozilla Firefox

Settings > Network-Proxy > Settings >

(a) Automatic proxysettings

Automatically detect the proxy settings for this network

(b) Manual proxysettings

proxy.hs-karlsruhe.de

8888

*.hs-karlsruhe.de; 193.196.64.0/18; localhost; 127.0.0.1; 10.0.0.0/8

How to mount a network drive?

Example: Integration of the root directory
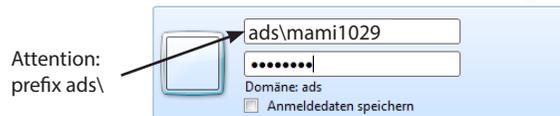\\ads.hs-karlsruhe.de\dfs\

1. Computer > Map network drive

2. Enter address of root directory

Attention:

3. Enter <iz-username> with prefix ads\

Attention: prefix ads\

4. Network drive is integrated correctly
Optional: use the batchfile „dfs.cmd", which you can find on
https://www.hs-karlsruhe.de/iz/dfs/

Hochschule Karlsruhe
Technik und Wirtschaft
UNIVERSITY OF APPLIED SCIENCES

Näher dran.

IZ Informations-
zentrum

The University Network

Windows

The university network (HsKA-net)

Proxy-Server
proxy.hs-karlsruhe.de

Internet

VPN-Server
vpn.hs-karlsruhe.de

university network (HsKA-net)
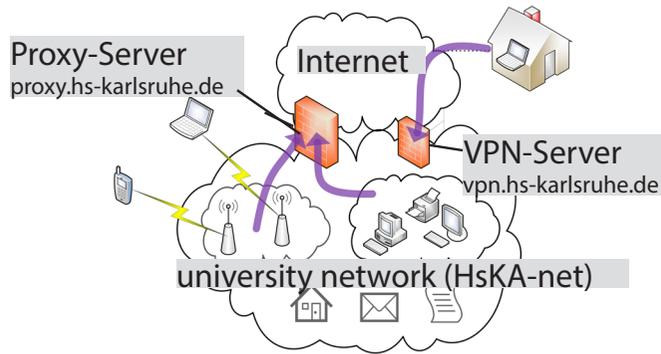
a) **Wireless network on the campus**

a1) Registration-free, anonymous internet access

KA-WLAN is a free internet service for Karlsruhe, which is available in numerous public places as well as on our campus.
KA WLAN requires no configuration.
Simply connect your mobile device to the network „KA-WLAN" and you can surf directly.
If your device does not automatically open the KA-WLAN start page, you can manually log in to the network via:

cp.ka-wlan.de

a2) The **university wireless network**

On the campus there are many wireless networks. Members of the HsKA can use the Wifi network with the SSID:

HsKA-8021x

Connect to HsKA-8021x as follows:

a. Connect your device to the WLAN network
   HsKA-8021x

b. Log in with your access data as follows:

   Benutzername: <IZ-username>@hs-karlsruhe.de
                      (e.g. mami1037@hs-karlsruhe.de)
   Passwort: IZ-password

For web services, your device must use the university proxy on this wireless network. More see Page 4 on this flyer.

Security Alert

To ensure that you only connect to the university network, you should identify the provider of the network. For this it is necessary to use the root certificate T-Telesec Global Root Class 2, even if it works without it!
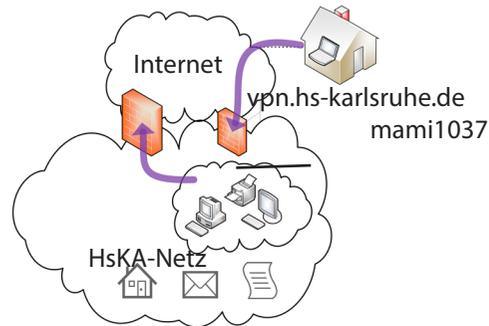
The security certificate can be installed via:

https://www.pki.dfn.de/fileadmin/PKI/zertifikate/T-TeleSec_GlobalRoot_Class_2.crt

Profiles for the automatic network configuration (Win7, … Win10, Mac OSX) for the use of the WLAN network „HsKA 8021x" on campus,
see: *https://www.hs-karlsruhe.de/faq/wlan*

b) LAN access

Internet

vpn.hs-karlsruhe.de
mami1037

HsKA-Netz

1. Connect your device with a VPN cable (e.g. at the workplaces in building A, 1st floor).
2. Start the VPN client and log in as described on page 3 of this flyer
3. Set the proxy configuration as described on pages 4 and 5 of this flyer.
4. Log in to the proxy with <IZ username>, e.g. mami1037, and your IZ password.

What is a VPN?

VPN stands for virtual private network
This service allows you to integrate a device into a remote network.
(Read more under „From the Internet to the University Network?" In the flyer IT-Services for Experts.)

The VPN-network of the HsKA

Requirements for VPN connections:

a) device on the campus:
   The device must be connected via cable at a dedicated network port. (workplaces in building A, 1st floor)

b) device on the road or at home:
   The device must be connected to the Internet (cable, wireless, …).

How to install „Cisco AnyConnect"?

Perform the following steps:
1. Visit *https://vpn.hs-karlsruhe.de/* in your browser.
2. Log in with your access data:
   IZ-username and IZ-password.
3. The installation should start automatically.
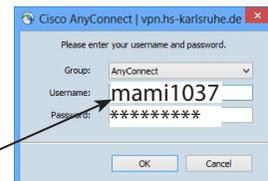4. If the automatic installation fails, you can download the installation file manually.

Select download

5. Install the application.
6. Reboot your computer.

How to start VPN-Client „Cisco AnyConnect"?

Perform the following steps:
1. Start the VPN-Client „Cisco AnyConnect"
2. Enter the VPN-Server > Connect

VPN:
Ready to connect.
vpn.hs-karlsruhe.de   Connect

Cisco AnyConnect | vpn.hs-karlsruhe.de
Please enter your username and password.
Group: AnyConnect
Username: mami1037
Password: *********
OK   Cancel

3. Log in with your access data
   IZ-username and
   IZ-password