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 the web orientated communication protocols 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“)

Enter the proxy settings

(a) Automatic Proxysettings

Setup your Web-Browser as follow:

- IE / Chrome: Extras > Internet options > Connection > LAN-Settings > Automatically detect settings
- Moz. Firefox: Tools > Settings > Advanced > Network > Settings > Automatically detect

(b) Manual Proxysettings

Using Internet Explorer: Internet Options > Connections > LAN Settings > Advanced
Using Mozilla Firefox: Tools > Settings > Advanced > Network > Settings

Enter the HsKA proxy settings for HTTP, HTTPS, FTP:

```
proxy.hs-karlsruhe.de, Port: 8888
```

Enter exception for HsKA addresses (no proxy for):

IE, Chrome: *.hs-karlsruhe.de; 193.196.64.*; localhost; 127.0.0.1; 10.0.0.0/8
Firefox: *.hs-karlsruhe.de, 193.196.64.0/18; localhost, 127.0.0.1; 10.0.0.0/8

Example: Integration of the root directory \ads.hs-karlsruhe.de\dfs\1. Computer > Map network drive
2. Enter address of root directory
3. Enter <iz-username> with prefix ads\
4. Network drive is integrated correctly

Optional: use the batchfile „dfs.cmd“, which you can find at: https://ilias.hs-karlsruhe.de/iz/downloads

```
net use * \ads.hs-karlsruhe.de\dfs /user:ads\mami1029 /persistent:no
```

Attention:

- Prefix ads\ - 5 -- 4 - IZ2012016
- 5 -- 4 - IZ2012016

The University Network

Windows

IZ-(Information Center) User Helpdesk

Monday - Friday
8am to 2pm (lecture period)
10am to 1pm (semester break)

Building LI, Room 133
Phone: (0721) 925-2305
Fax: (0721) 925-2301
E-Mail: iz-helpdesk@hs-karlsruhe.de
Web: www.hs-karlsruhe.de/iz
Twitter: @hska_iz

02/2017
**How to install "Cisco AnyConnect"?**

Perform the following steps:
1. Go to [https://vpn.hs-karlsruhe.de/](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.
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
3. Log in with your access data IZ-Username and IZ-password

---

**The VPN-network of the HsKA**

**What is vpn (virtual private network)?**

For complete integration of external devices into the HsKA network there is a IPSec based VPN access.

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

**What do you need for a VPN access?**

1. Internet access
2. VPN client software (for example Cisco AnyConnect)

**Requirements for VPN connections:**

a) external device on the campus:
   - The device must be connected via cable at dedicated network ports. (workbenches in building A, orange cables dedicated near pool PCs ...)
b) external device on the road or at home:
   - The device must be connected to the Internet (cable, wireless, ...).

---

**Wireless network on the campus - HsKA-8021x**

On the campus there are many wireless networks.

Members of the HsKA must use the WiFi network with the SSID:

- **HsKA-8021x**

Connect as follows:

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

b. Log in with your access data at the wireless network with the SSID **HsKA-8021x** as follows:

   Benutzername: `<IZ-username>@hs-karlsruhe.de`
   (z.B. mami1029@hs-karlsruhe.de)
   Passwort: `IZ-Passwort`

---

**What is vpn (virtual private network)?**

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

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