



KA-WLAN is a joint project of INKA e.V., Cyber Forum e.V. and the Stadtmarketing Karlsruhe GmbH, supported by Gameforge.

Free Internet KA-WLAN

KA-WLAN is a free internet service for Karlsruhe, which is available in many public places. Whether with smartphone, tablet or laptop - get to Karlsruhe city and Karlsruhe, students and tourists surf for free on the Internet, with no time limit or limitation of the data volume. The range of hotspots is also continuously expanded.

A recent map and more information, see:

<http://www.ka-wlan.de>

Surfing for free in three steps

KA-WLAN requires a one-time registration, which you can make locally. To register and to obtain your personal login, please proceed as follows:

1. Connect

Connect your mobile device to the network „KA-WLAN“.
Please open a website.

2. Register

Please enter in the input mask your:

- Lastname,
- Surname,
- e-mail adresse,
- and (optional) mobile number

3. Log in and start surfing

You will receive an e-mail or SMS with your access datas. With these datas, you can now sign up to KA-WLAN for free at any time.

Note:

to retrieve the login information your device is unlocked immediately after your register for 10 minutes.

Use KA-WLAN without registration

Some useful websites can also be accessed without registration.

You find a list of all freely accessible pages under

<http://www.ka-wlan.de>

KA-WLAN logout

By one account, only one device can connect to KA-WLAN.

To connect with another device, at first you have to logout from KA-WLAN on your current devices by the logout page

cp.ka-wlan.de

If you do not use these special logout page, it takes some time until a logon to KA-WLAN with the other device is possible.

IT-support for the current event

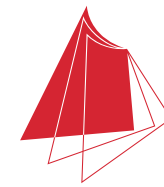
For further questions please contact the technical supervisor of the event:

Name:

Room:

Phone:

E-mail:



Hochschule Karlsruhe
Technik und Wirtschaft
UNIVERSITY OF APPLIED SCIENCES

Näher dran.

IZ Informations-
zentrum

Networks for Conferences and Events

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

02/2015

EDUROAM - The university guest network

Guests at the HsKA, who have user credentials from an institution, which participates in the global service eduroam®, can login the wireless network using the

SSID „eduroam”

Connection Points at HsKA

Please ensure that your device is charged before using at in the University as there may not always be power sockets available for your laptop.



How to get eduroam

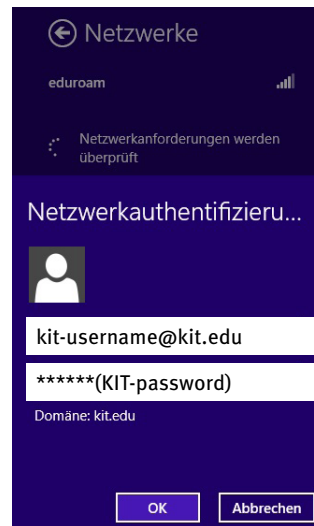
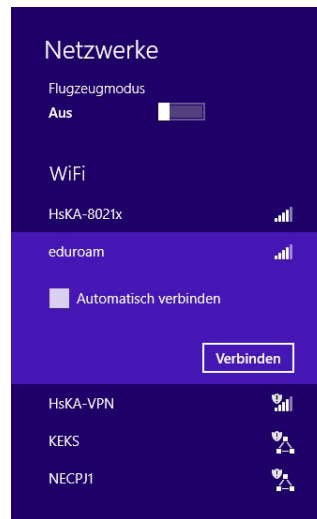
1. Connect to the wireless network with the SSID “eduroam”
2. If asked, enter your username (combined with realm suffix) and password from your home institution.

Example: „How can owner of a KIT-account use eduroam on the campus of the HsKA?”

- The KIT is a participant in the global service eduroam®.
 - The Realm of the KIT is „kit.edu“
- > It is possible to use eduroam on the HsKA-campus.

Connect as follows:

1. Connect your device to the wireless network with the name „eduroam“.
2. Login as follows:
 username: KIT-username@kit.edu
 password: *******(KIT-password)**



picture:
Connect to wireless network eduroam under Windows 8

The technical details

The eduroam service of HsKA will offer the parameters:

Wireless Network Access

- DHCP activated
- Authentication 802.1x enabled

Which services are available?

The eduroam network allows the following protocols and ports:

Protocol/Port	Standard Service	Direction
• IP protocols 50 (ESP)	IPSec VPN	incom. + outg.
• IP protocols 51 (AH)	IPsec VPN	incom. + outg.
• UDP/500 (IKE)	IPsec VPN	outgoing
• UDP/1194	Open VPN 2.0	incom. + outg.
• UDP/4500	IPSec NAT traversal	incoming and outgoing
• TCP/10000	Cisco IPSec VPN over TCP	outgoing
• IP protocol 47 (GRE)	PPTP VPN	incom. + outg.
• TCP/1723	PPTP VPN	outgoing
• TCP/22	SSH	outgoing
• TCP/80	HTTP	outgoing
• TCP/443	HTTP	outgoing
• TCP/3128	HTTP	outgoing
• TCP/8080	HTTP	outgoing
• TCP/465	SMTP	outgoing
• TCP/587	SMTP	outgoing
• TCP/143	IMAP4	outgoing
• TCP/993	IMAPS	outgoing
• TCP/110	POP	outgoing
• TCP/995	POPS	outgoing
• TCP/21	Passive (S)FTP	outgoing

Do you have problems in setting up your device?
-> Please contact the it-support of the event.
(s. backside of this flyer p.5)

Checklist items “Visitor Service” (Guests)	Prerequisite
My device supports wireless network access using 802.1x.	[]
My device is prepared to accept dynamically-assigned IP and Server addresses (DHCP active)	[]
The certificate for the RADIUS server of my home institution (for secure connection) is installed.	[]

My device meets the requirements of my home institution for using eduroam []