

Official Announcements

**Issued by Division 1.1 of Department 1.0 on Behalf of the Rector of
RWTH Aachen University, Templergraben 55, 52056 Aachen**

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**Implementing Provisions for the
Network Regulations
of RWTH Aachen University**

Dated July 9, 1997

**in the Second Revised Version of the Provisions to Amend the
Network Regulations**

Dated October 4, 2010

Published as a Complete Version

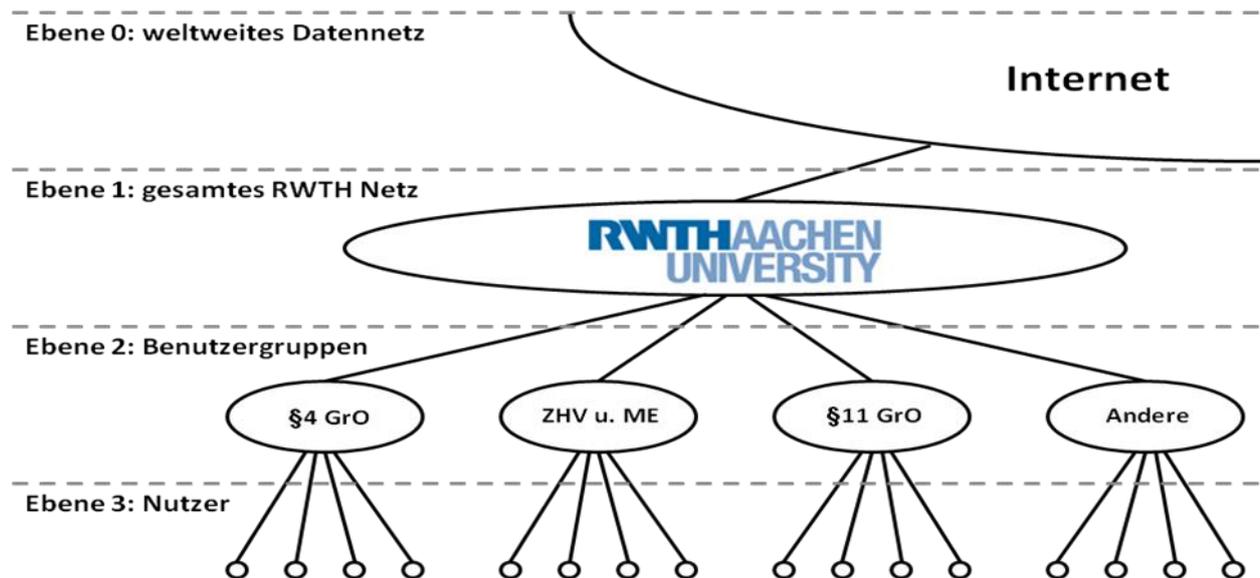
Please note: This publication is an English translation. Only the German original of these regulations as published in the Official Announcements of RWTH Aachen University (“Amtliche Bekanntmachungen”) is legally binding.

On the basis of § 2 para, 4 of the law governing the Universities of the Federal State of North Rhine-Westphalia (HG) in the version dated October 31, 2006 (Law and Official Gazette of the State of North Rhine-Westphalia p. 474), most recently amended by Art. 2 of the Act to Ensure the Accreditation of Degree Programs in North Rhine-Westphalia dated October 8, 2009 (Law and Official Gazette of the State of North Rhine-Westphalia 2009, 516), RWTH Aachen University has issued the following implementing provisions:

1. Purpose of These Implementing Provisions

The implementing provisions for the network regulations supplement these in matters of use, misuse, and security. They are adapted as necessary to the respective legal and technological developments and are issued by the Rectorate.

2. Structure of the Data Services and Their Users



2.1 On Level 0:

This is the worldwide data network with its services. The technical access and the terms of use are contractually regulated between RWTH and the network providers (e.g. DFN).

2.2 On Level 1:

Level 1 comprises the entire data network of RWTH with its services. Responsibilities are regulated in the network regulations. In addition, supplementary provisions for individual user groups are laid down in these implementing provisions for questions regarding the use and provision of information.

2.3 On Level 2 (User Groups):

The following user groups can use the data network:

A. **Faculties and Central Institutions**

- Institutes, chairs, and professorships of the faculties,
- Interdisciplinary forums

B. **Central University Administration or Administration of the Medical Institutions**

C. Groups and Group Representatives

- Staff Councils
- Equal Opportunities Officer
- Student Parliament,
- AStA,
- Student Councils

D. All individuals, associations, and groups of persons with a connection to Higher Education, who cannot be assigned to groups A to C (e.g. students)

2.4 On Level 3:

Level 3 stands for individuals entitled to use the network in the sense of § 6 Para. 1 Network Regulations from all groups A-D.

3. Use of Network Services

3.1 For the user groups mentioned under A.-C., the following regulations apply:

a.) Access

- Access to the data network of RWTH Aachen University is provided by the IT Center and usually takes place via technical installations (subnets) of the individual institutions.
- Each institution connected to the data network of RWTH Aachen University is free to decide on the regulations of the respective access of its users.

b.) Accountability and Control Mechanisms

The head of the institution connected to the RWTH Aachen University data network is responsible for the information disseminated from there. They have the right to deny a user of their institution access to Internet services or to exclude them from such services, in particular in the event of violations in accordance with § 7 Paragraph 2 of the Network Regulations.

c.) Type of Information Offered (from Level 3)

- Only information and services of an official nature are offered. Failure to comply with these requirements may result in exclusion.
- In all cases, the information provided must include the first name, surname, and email address of the head of the institution responsible.

d.) Level 2 and 3 Exclusion

If a head of the institution connected to the RWTH Aachen University data network does not succeed in stopping violations of the network rules by users from their area, this can lead to the exclusion of the entire institution according to § 7 of the Network Regulations (see explanations b.) A.-C.). The Rectorate shall decide on such special cases. As a rule, an opinion of the Internet Advisory Board (see para. 3.2 b)) should be obtained before this decision is taken.

e.) Level 1 Exclusion

The IT Center is responsible for keeping the entire RWTH network (level 1 backbone) functioning with the highest possible throughput as far as possible 24 hours a day, 7 days a week, and for eliminating faults immediately or keeping them at bay.

Necessary measures for the security of the network are taken by the IT Center in line with technical developments and brought to the attention of the Steering Committee for the IT Center. The users of the University will be informed of the necessary measures in good time. Those who fail to comply with these measures and obligations will have limited access to the network and limited options to use the University's resources until the inadequacies are remedied.

In the event of serious disruptions caused by subnetworks or computers of the institutions, the IT Center is entitled to disconnect these from the overall network until the disruption has been rectified. The relevant institution is to be informed immediately.

As a rule, the Rectorate decides on complaints from the persons concerned after consulting the Internet Advisory Board (see 3.2 b).

Serious disturbances caused by subnetworks are assumed, for example, if

- extensions or additions were made without consulting with the IT Center, e.g. when operating wireless or wired dial-up access,
- in the event of a malfunction, professional support of a subnetwork is not given in a timely response by the network manager of an institution,
- disruptions to the institution's subnetwork unreasonably impede other subnetworks or the backbone network.

Computers and servers are seriously disturbed when

- they have been compromised, i.e. a hacker has taken control of the computer after a successful attack and has thus exercised or can exercise the rights of a system administrator,
- they have been infected by malware (malicious software such as viruses, worms, trojans, rootkits, botnets, etc.), which in most cases act with the intention of subsequently infecting other computers as well,
- they significantly interfere with other computers or subnetworks due to technical defects or misconfigurations.

f.) Advice for Members of Level 3

- Each institution connected to the data network of RWTH Aachen University advises its respective users on questions concerning the use of network services.
- In addition, the IT Center, as the operator of the RWTH Aachen University data network, advises representatives of an institution connected to the data network.

3.2 For the persons or groups of persons listed under D, the following regulations apply:

a.) Access

- Access is provided via existing terminals and servers at institutions (e.g. PC pools)_or via terminals with fixed connections to RWTH (e.g. in dormitories) or via dial-up or wireless systems (e.g. WLAN).
- Individuals can access network services by registering through filling out a form in which they undertake to comply with the rules laid down. For associations and groups of persons with a university connection, access is granted upon application. The administration of access administration and the provision of any necessary central resources is carried out by the IT Center.

b.) Accountability and Control Mechanisms

- Everyone is personally responsible for the information they provide.
- In order to advise the Rectorate in the event of violations of the provisions of the Network Regulations and these implementing provisions, the Rectorate shall form the Internet Advisory Board as a standing committee. In the event of violations as defined in § 7 of the Network Regulations, the Rectorate may call in the Internet Advisory Board.
- The tasks of the Internet Advisory Board shall also include, in particular:
 - o Development of arbitration proposals for internal RWTH disputes in the areas of network usage and Internet,
 - o Preparation of recommendations for the Rectorate,
 - o Advising the Rectorate on issues relating to access to the Internet for associations and groups of people.
- The Internet Advisory Board is composed of one representative from each of the four groups (§ 5 Basic Regulations). It is advised by an employee of the IT Center and an employee of the Central University Administration.
- In the event of violations of legal provisions and of the Network Regulations, the Central University Administration shall take immediate action to remedy the violations.

c.) Types of Information Offered (from level 3)

- Homepages may only be set up on one server of the IT Center. Personal information may be offered for official or study purposes. Commercial endeavors may not be pursued via these homepages. Failure to comply with these requirements may result in exclusion.
- In any case, the information provided include the author's first and last name and email address.

- Each homepage of a user of the Internet Pool must display a disclaimer stating that it is their personal opinion to distinguish it from official announcements of RWTH Aachen University. The recipient of the information will also be given the email address of the Internet Advisory Board in order to be able to specifically draw the attention of RWTH Aachen University to possible violations.

d.) Level 2 and 3 Exclusion

If someone violates the requirements of the Network Regulations (NetzO) or other requirements mentioned above, they may be denied further access to the data network of RWTH Aachen University. The Rectorate decides on this after consultation with the Internet Advisory Board.

e.) Consultation

Within the scope of its possibilities, the IT Center is available for consultation.

f.) Telecommunications System

The telecommunications system is operated as a distributed system of central main nodes and remote nodes in the institutions on a separate data (-voice) network. With the exception of the nodes in the Uniklinik RWTH Aachen (University Hospital), all nodes (including switching equipment, switches, patch fields, cable feeds, and telephone sets) are maintained, serviced, and managed by the IT Center. Regardless of the location of the equipment, it is strictly forbidden for anyone else in the institutions to make changes or additions to it themselves; the IT Center must be instructed to do so. The telecommunications system is subject to the special protection of mail and telecommunications secrecy.

4. Entry Into Force

These Implementing Provisions come into force as an Official Announcement of RWTH on the day following their publication.

At the same time, the Implementation Regulations for the Network Regulations of August 25, 1997 (Official Announcements of RWTH Aachen University No. 467, pp. 1676 - 1682) shall cease to be in force.

Issued on the basis of the resolution of the Rectorate of RWTH Aachen University dated July 21, 2009 after consultation by the Steering Committee for the IT Center.

Rector
of RWTH
Aachen University

Aachen, dated
October 4, 2010

October 4, 2010

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