

# Information Security Assignment 1

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## Exercise 1

The University of Groningen's Acceptable Use Policy, or also known as the AUP of the RUG, is a document describing general rules for using the computer systems of the University of Groningen.

Below we will discuss some questions about the AUP.

1. **What (if any) are the differences between the responsibilities of 'ordinary' users and systems managers? Do systems managers have special privileges and responsibilities (if so, what are they)?**

The rights and duties of both users and systems managers are the same. But the position of the systems manager comes with additional security requirements. The main difference boils down to one of the later points in the list in the AUP; "The systems manager will consider any information about the system, as well as any information stored in the system as confidential." Which means that the systems manager should not share private information which he or she might encounter while working.

2. **What is the ground-rule upon which the RUG's AUP is based;** "The users of the university computer systems may not endanger these systems, nor may they hinder other users." This is stated near the start of the document.

3. **Mention four advices for users of 'RuGnet';**

- (a) **Data is being monitored.** in- and outbound traffic of RuGnet is constantly monitored, this means it not advised to use RuGnet for illegal activities or to sent private information. Any use of the university computer systems is restricted to research or education.
- (b) **Copying software.** Any software stored on the university computer systems may not be copied for use elsewhere, unless explicit and written permission was granted by proper authorities.
- (c) **Do not share your password.** The password of your account should not be shared with anyone. If you suspect that your password has been compromised, you should change it immediately. To minimize the risk of your password being compromised, you should use a strong password.
- (d) **Check for any hardware abnormalities.** If you notice any abnormalities in the hardware of the computer systems, you should report it immediately to the ICT department and not use that device. abnormalities can be anything from unexpected extra periffirals connected to the device, to the keyboard being plugged in a seperate device before it connects to the computer or device.

4. **Describe four actions that are prohibited by the RuG's AUP;** Following actions are taken directly from the seccion "The abuse of facilities and privileges" in the AUP:

- (a) **Removing soft- or hardware.** The removal of any software or hardware from the university computer systems is prohibited.
  - (b) **Using computer systems without permission.** It is prohibited to use any computer system without permission from proper authorities.
  - (c) **Executing DoS attacks.** It is prohibited to execute any kind of Denial of Service attacks on any computer system or the network around it. Examples of this are, submitting extremely large print-jobs, storing extremely large amounts of data, or executing programs using grossly inefficient algorithms or requiring excessively large resources.
  - (d) **Distributing information that belongs to the university.** It is prohibited to distribute information that belongs to the university, unless explicit and written permission was granted by proper authorities or owner of the information.
5. **What sanctions can be applied to those who violate the AUP?**  
As stated in Consequences of abusing the University computer systems, Abusing university computer systems may result in disciplinary action. This includes the access rights of the suspect being restricted or suspended, awaiting the results of the investigation which will take place by. Either way, the faculty or department responsible for the suspect will be informed.
6. **If a sanction is applied to you, where can you go to challenge that sanction?** You may file an objection to this restriction or suspension with the chair of your department.

## Exercise 2

## Exercise 3

## Exercise 4

## Exercise 5

## Exercise 6