

Exercise 7 - Write a SNMP extension or perform a literature study

The seventh exercise of this course allows you the following choice:

- Option 1: Write an extension to an SNMP agent of your choice.
- Option 2: Perform a literature study and write a report.

Option 1: Write an SNMP agent extension

You should extend an SNMP agent of your choice with the MIB objects you have defined in exercise 1. Hint: if you have no idea which SNMP agent to extend, you may take a look at NetSNMP.

Option 2: Perform a literature study

The goal of this option is to write an overview article on one of the following topics:

- OSI Management (CMIP, CMIS, GDMO, etc.)
- Integrated Security Model for SNMP, as being discussed within the IETF's ISMS WG.

The article should be written such that other students who followed the course "Internet Management and Measurements" can understand it; therefore it should NOT include introductions to TCP/IP or SNMP. The size of the article should be around 10 pages. It is essential to use, as far as possible, your own words; copying text from other places is forbidden, unless you copy only a few sentences and include clear references. You should deliver the article in PDF format.

Important dates:

* June 21st 24:00 o'clock:

Your report describing the either the agent extension or the results of the literature study should have been entered into Teletop.

In addition, if you have created an agent extension, you should upload the source code as ZIP file into teletop and send the access info (like IP address / port numbers) by email to mourag@ewi.utwente.nl. To allow this agent to be tested, you should keep the agent running until June 28.