S-38.3192
Exercise Session:
Tutorial for ITGuru

23.1.2006

Exercise personnel

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- Problems with exercises?
  - Please use the newsgroup:
    opinnot.sahko.s-38.tietoverkkotekniikka

Exercises

- Exercises are done in groups of 3 persons
- In the beginning of every exercise session a short intro to the topic will be given. After the intro you can start doing the exercise
- The purpose of the exercise sessions is not to complete the whole exercise, just start to get it started.
- Exercise should usually be returned before the following exercise session by email -> you usually have one week to do it
- Exercise sessions are held in Maari A
- Participating in exercise sessions is not compulsory

Course grading

- Each part of the exercise has to be returned and passed separately. If some part of the exercise has been returned late or has not been passed, the exercise (and the course) can not be completed.
- Only the final version of the exercise will be graded as a whole.
- The grade depends on how well your solution meets the goals set for link utilizations, application performance and other specified metrics. However, in order to get a good grade, you also have to justify your technological choices and discuss what other alternatives you might have had.
- You will also have to make deep analysis about the results, just showing some figures and result tables is not enough

Timetable

Mon 23.1.	12 – 14	ITGuru Tutorial
Thu 26.1.	14 – 16	Intro / Access
Thu 2.2.	14 – 16	Core
Thu 9.2.	14 – 16	VPN
Thu 23.2.	14 – 16	Application
Thu 2.3.	14 – 16	Simulation 1
Thu 9.3.	14 – 16	Simulation 2

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Computers (1/2)

- Run ITGuru on computers which are located in classroom SB205
- You have to have S-permission to login to these computers
- ~20 licences

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Computers (2/2)

- erlang.ee.hut.fi
- forney.ee.hut.fi
- gallager.ee.hut.fi
- golay.ee.hut.fi
- hamming.ee.hut.fi
- reed.ee.hut.fi
- shannon.ee.hut.fi
- solomon.ee.hut.fi
- viterbi.ee.hut.fi
- wiener.ee.hut.fi
- moukari.ee.hut.fi

How to run ITGuru

- Take an SSH connection to a computer with X forwarding (-X)
- If you use ITGuru from your home, you can compress data with the C flag when SSH is used

```
jtjarvi3@solomon> echo $DISPLAY
localhost:10.0
jtjarvi3@solomon> setenv DISPLAY 127.0.0.1:10.0
jtjarvi3@solomon> use opnet
jtjarvi3@solomon> itguru
```

Today's topic: Tutorial for ITGuru

- Do ITGuru's own tutorials: #1, #2 and #3
- From this exercise nothing has to be returned
- Next exercise session (Introduction and Access networks) will be on Thu 26.1. at 14 -16 o'clock in Maari A

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