System Administration (LTAT.06.003)

Introduction to course
Teachers and groups

- Group 1 - Monday: 10:15 - 12:00: Sander Kuusemets, Mait Tenslind
- Group 2 - Monday: 14:15 - 16:00: Vladislav Tuzov, Anders Martoja
- Group 3 - Tuesday: 10:15 - 12:00: Mait Tenslind, Vladislav Tuzov
- Group 4 - Wednesday: 8:15 - 10:00: Sander Kuusemets, Vladislav Tuzov
- Group 5 - Wednesday: 14:15 - 16:00: Ott Oopkaup, Anders Martoja
- Group 6 - Wednesday: 16:15 - 18:00: Ott Oopkaup, Mait Tenslind
Rules and Regulations

- System Administration Course (LTAT.06.003) does not have lectures.
  - There’s an introduction into the topic in the beginning of every week only. (~10-15 minutes)
- All lab sessions can be completed completely online.
  - So don’t worry about missing a lab or being sick.
- Content for labs will be provided on the course webpage:
  - [https://courses.cs.ut.ee/2022/sa/spring](https://courses.cs.ut.ee/2022/sa/spring)
  - New content will be added on Mondays!
- Course official communication channel will be slack, to which everyone will receive an invite via email:
  - `utsystemadmin-cts1095.slack.com`
  - Invites will be sent to emails provided by students in Study Information System (ÕIS), make sure the email you have provided is correct.
- You can also join through the link in Slack courses page (valid for 30 days).
Passing The Course

- Labs give 50% of the final grade
- All labs must be completed (100%) **one week before coming to the exam** (all the lab tests should be OK to be eligible for the final exam)
- For passing the course student should get at least 51% in total (50% from labs and 1% from the exam), which means an E.
- Rules regarding passing the course are set in stone and are for everyone to see in the Study Information System (ÕIS)
  - Search for the course with the course code: LTAT.06.003
- **This course imposes only one deadline. Labs must be completed ONE week before coming to the exam.** You can complete labs on your own schedule.
- There will be no intermediate tests or deadlines.
Labs

1. Introduction to System Administration + CTF (today)
2. Cloud (based on minu.etais.ee)
3. Automation and Ansible
4. Domain Name Services
5. Apache Web Server
6. Mail Services (Postfix + Dovecot)
7. Transport Layer Security (TLS)
8. Filesystems and -services
9. Containers and dynamic services (based on Docker)
10. Kubernetes
Code Of Conduct

● Lab related questions, getting help from TAs regarding your VMs, or any related technical questions should be done via Slack!
● Asking for technical help with a lab over email is not recommended.
● The answer might be delayed, the TA might not see your email, or it might just go to spam.
● Check the Slack page in Courses to see how communication should be done.

● For any non-technical question you can of course email, but make sure to add something related to the course name into the subject line.
Common sense

The following information is by no means imposed onto the students, just something the TAs would advise to follow, to relieve the examination period stress that usually occurs:

- Finish your labs before the next week’s content comes out
- When stuck with a lab problem - ask for help. There are three ways to utilise course slack. Ask from a wide audience in the #general chat. Ask from the people in your group #Group1, #Group2, #Group3 etc. or directly message your lab TAs.
  - TAs advise you to ask your course related questions from the #general chat, that way students who face or have faced the same problems can use slack for help and advice
- Google works wonders, the previous years’ experience shows that students underutilize it probably because they think the given course environment is somehow different from what you would get from other cloud providers e.g. Amazon Cloud, Google Cloud etc.
  - Everything taught in the System Administration course can and should be googled
- The labs will be time consuming, reserve appropriate amount of time for it beforehand
- Administrative info regarding the course will be sent via email and posted in slack
Important links

- Course webpage  https://courses.cs.ut.ee/2022/sa/spring
- Course slack    https://utsystemadmin-cts1095.slack.com
- Course FAQ      https://courses.cs.ut.ee/2022/sa/spring/Main/FAQ
See you in slack!

https://utsystemadmin-cts1095.slack.com