

Introduction to Hypervisor and Mastering Virtualbox

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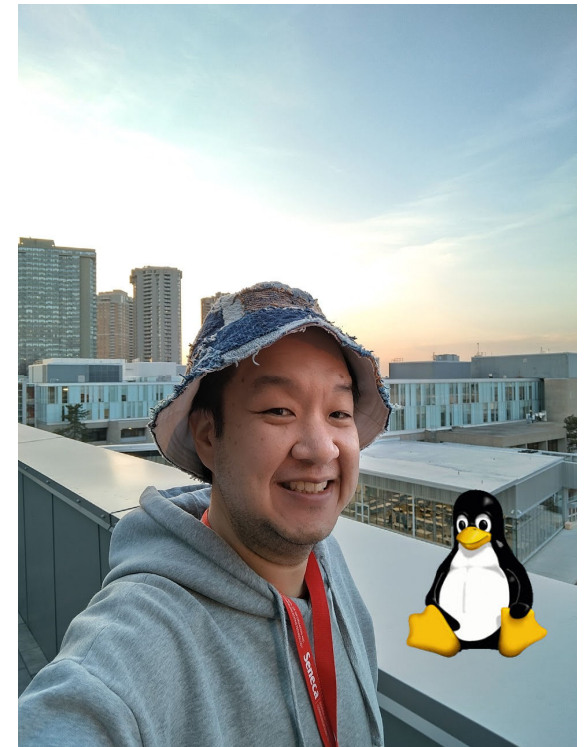
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Let's get to know your instructor

- **Name:** Tuul Triyason, Ph.D. (Aj.Tul)
- **Position:** Full-time lecturer at School of Information Technology, KMUTT
- **Research interests:** Cybersecurity, Networking, Computer hardware, IT infrastructures
- **Skills:** Teaching, Research, Networking, Virtualization, Linux OS, Blockchain, DNS, Firewall
- **What you should know about your instructor:**
 - Your instructor is *super lazy*.
 - If there's a morning class, he might wake up late sometimes. Don't be panic if the staff inform you that the instructor will start teaching at 9 o'clock, even though the class is scheduled for 8 o'clock.
 - Your instructor likes Linux a lot but *still uses Windows* (he used to use Mac but stopped because it's too expensive ha ha).
 - Your instructor chose to teach this subject because it's easy and doesn't require a lot of reading or preparation.



What is this subject about?

- This subject is about Hypervisor technology and the use of Virtualbox software.
- And what are the learning outcomes of this subject?
 - It's simple, I don't ask for much. Just that you can use Virtualbox to create a virtual machine and a virtual environment as you wish. That's all.
 - You might feel that it's a bit too easy? Just Virtualbox, everyone has been using it for a long time. But it's up to you. However, since you've registered for this subject, try to listen and see if you really understand Virtualbox as well as you think you do.

Will there be an exam for this subject?

- As I mentioned earlier, your teacher is very lazy, and creating exam questions is one of the tasks he absolutely despises. Moreover, what could an exam for a subject like this really measure? Therefore, he will try to negotiate with the program administrators to see if it's possible to have a practical assessment instead, such as lab work or assignments.

Course plan

No.	Topic
1	Introduction to virtualization and hypervisor technology
2	Creating and managing virtual machine with Virtualbox
3	Virtual networking in Virtualbox
4	Advanced Virtualbox management with VBoxManage command
5	Security features and recommendations for Virtualbox