Chair of Network Architectures and Services
TUM School of Computation, Information, and Technology
Technical University of Munich

HiWi

iLab *Lab* Tests in the vLab

Motivation

The *iLabs* offered by the *Chair of Network Architectures and Services* are hands-on practical courses in which students learn about selected topics from computer networks. The vLab offers a virtualized setup which can be run on a virtual machine. It is used by iLabX, the edX course "ilabX – The Internet Master-class" [2], and to some degree in iLab2.

The vLab is a Debian-based operating system and comes pre-configured for the needs in the teaching context. Importantly, it is shipped with an adapted version of CORE [1].

Your Task

- Test the current image build
- Verify that the teaching units ("Labs") are all functioning
- Adapt instructions if necessary
- Implement necessary fixes

Requirements

- You have successfully completed ilabX or ilab1/2
- Knowledge of Debian Linux and CORE

Literature

References

[1] the Boeing Company. CORE: Common Open Research Emulator. Online, https://github.com/coreemu/core.

[2] TUMx. ilabx – the internet masterclass. Online, https://www.edx.org/course/ilabx-the-internet-masterclass.

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