

TechU



L107151

Pervasive Encryption Applied Hands-on Labs on Linux on IBM Z and LinuxONE

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IBM Lab Services Europe

2019 IBM Systems Technical University
Monday 15:30-16:30 | Diamant-First Floor

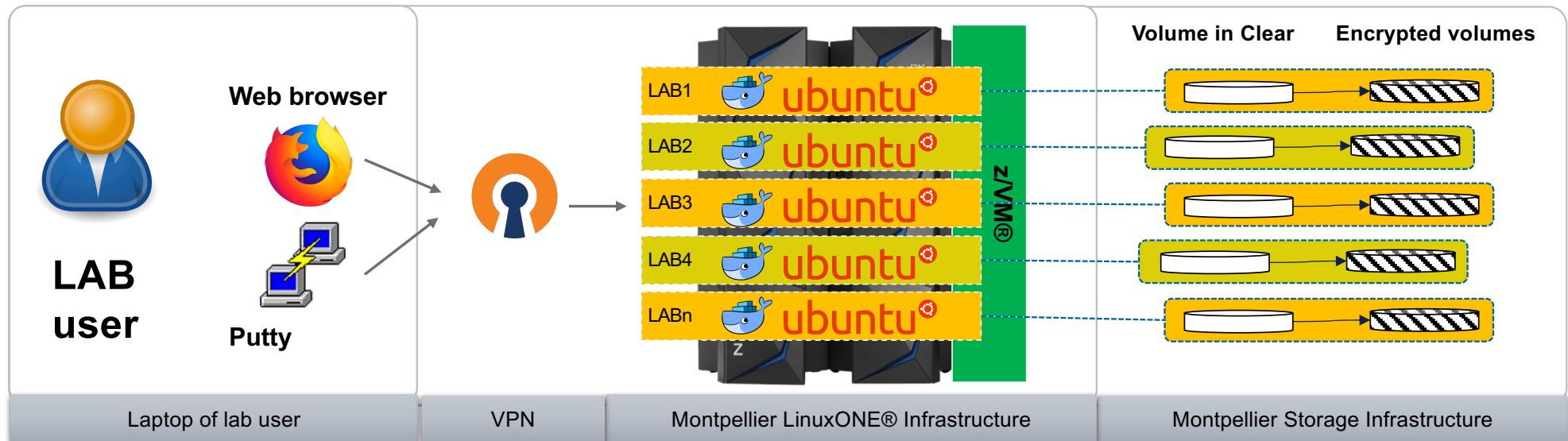


Hands-on LAB Environment and objectives

Lab objectives

- Pervasive Encryption has consumable capabilities available on Linux on IBM Z in order to protect both data-at-rest and data-in-motion. Speakers to accompany attendees in hands-on lab in following activities:
 - environment preparation, and crypto stack configuration
 - data at rest protection of all data with dm-crypt implementation
 - data in flight protection with OpenSSL
- At the end of the hands-on lab, attendees will be able to quick start with pervasive encryption on Linux on IBM Z.

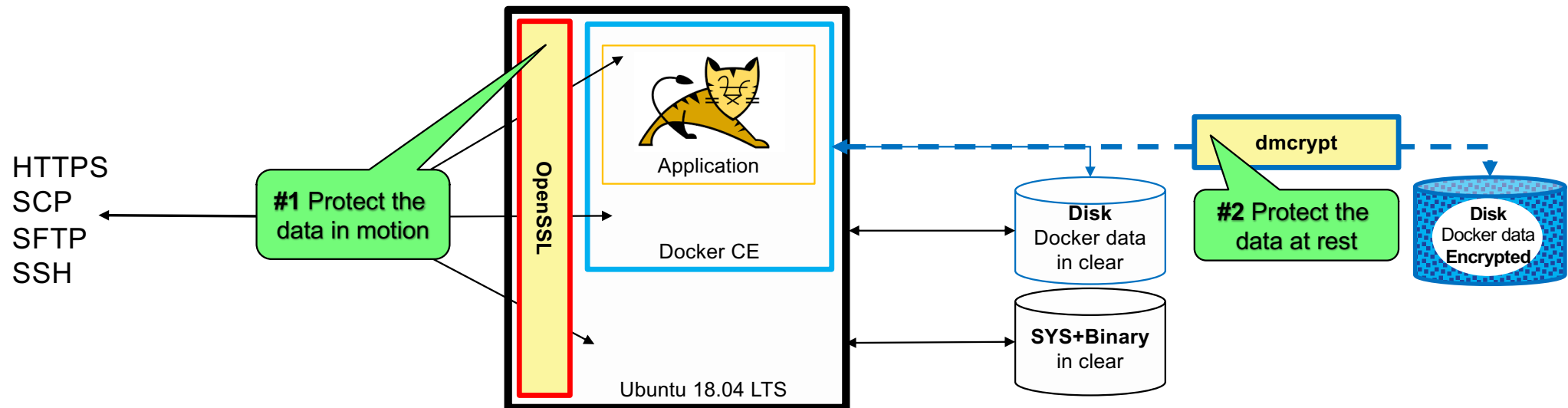
Some information about the lab environment:



Purpose of the hands-on LAB

Your mission is to protect data of a Linux and its application.

- The linux store its data in a volume
- The docker data its data in another volume
- There is one spare disk for the disk rotation



In this lab you will:

- Protect data in motion to/from the Linux using OpenSSL
- Protect data at rest of the linux, using volume encryption

Hands-on LAB IP address and credentials

- Your LinuxONE @IP is on post-it on your lab laptop.
- LinuxONE OS user is: **root**
- LinuxONE OS password is: **azerty11**



Hands-on lab material

The lab is on GitHub

— <https://github.com/guikarai/PE-LinuxONE-1804LTS/blob/master/Connectivity.md>

Thank you!

First Lastname

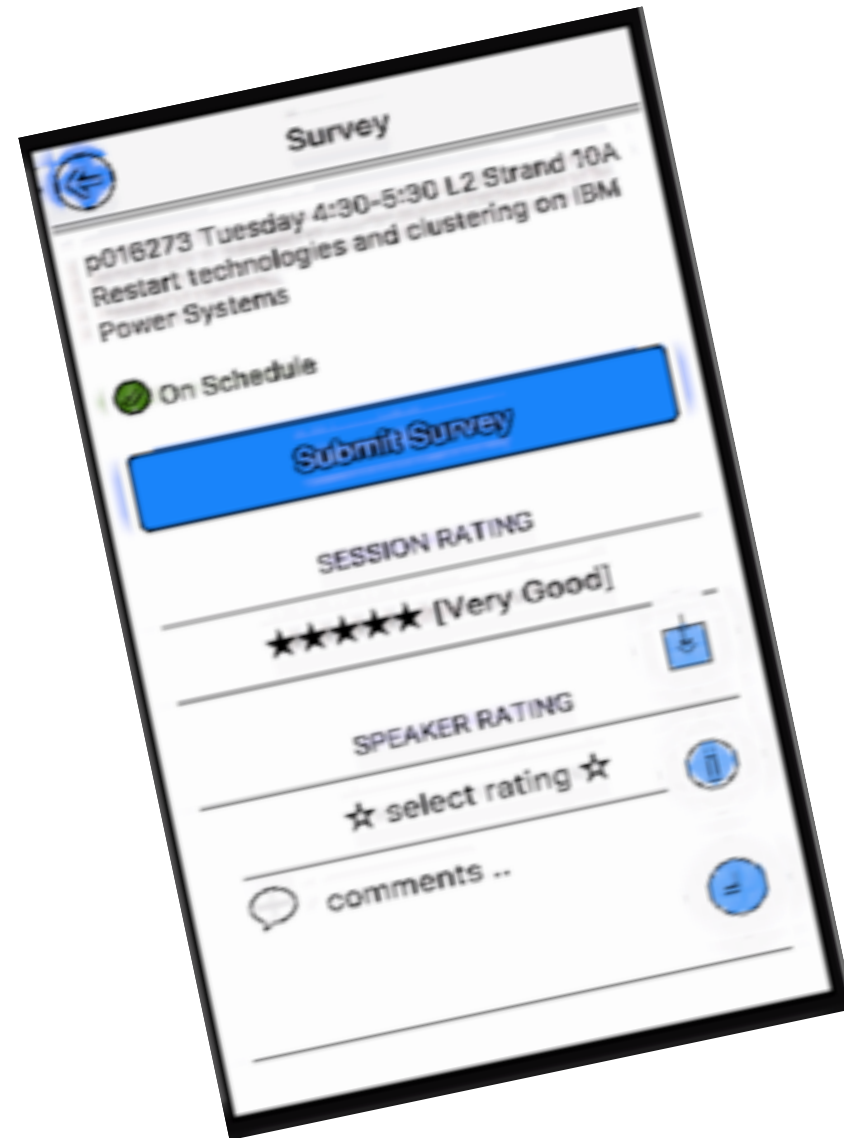
Job Title

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