

LUDOVICK KOOLS

# Makerhub 2021

BE A MAKER





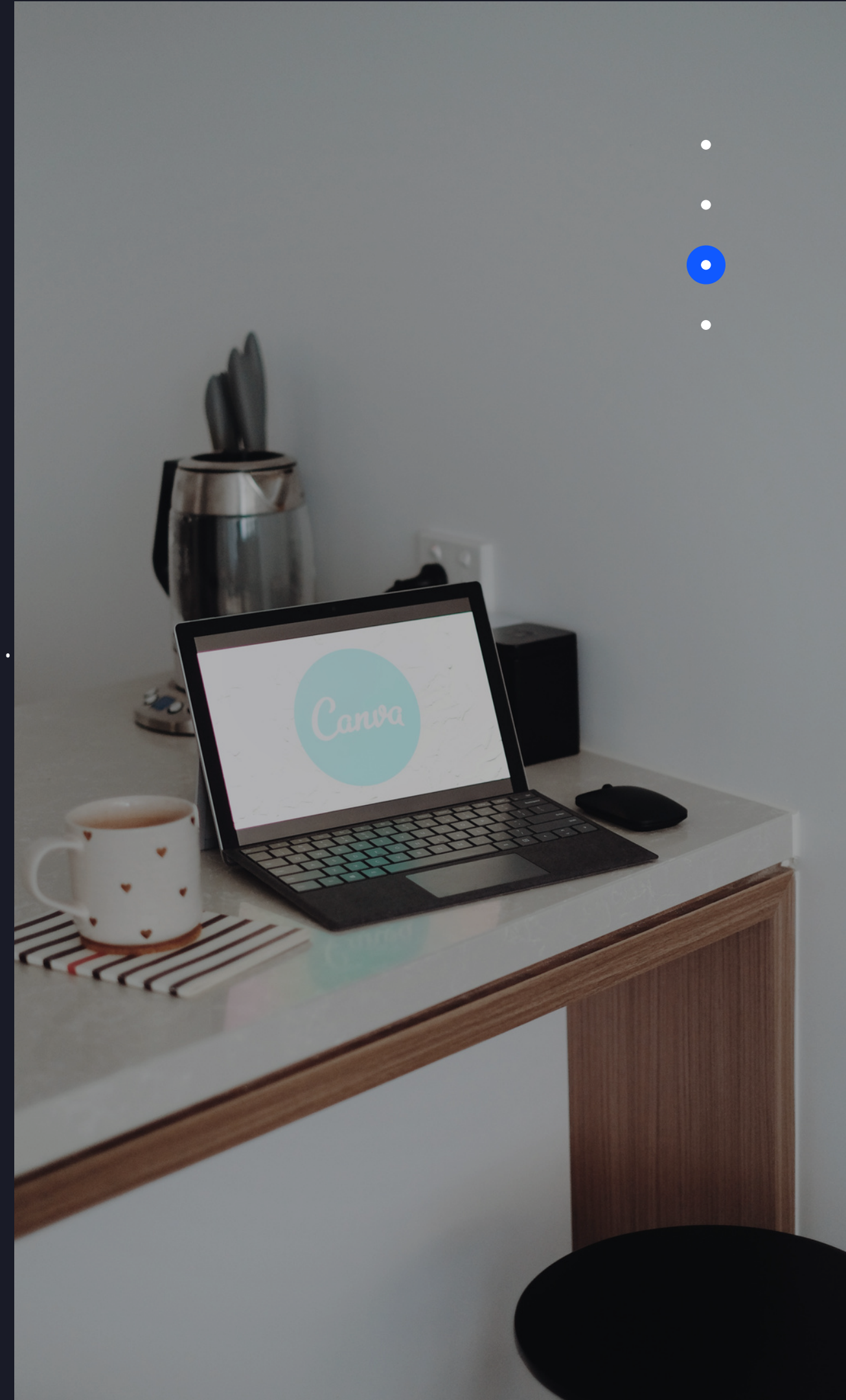
WHAT IS IT ?

- **Simulation to demonstrate our hardskills and softskills**
- **We will be brought to realize a project according to a schedule of conditions to put us in real conditions of justification of our decisions**



## ● WHAT WOULD BE DONE

1. Collective part: Implementation of the Ethernet backbone with Internet connectivity via public IP.
2. Individual part: Implementation of a hierarchical, secure, stable and flexible LAN structure:
  - Implementation of a firewall solution of your choice.
  - Implementation of a monitoring solution (NOC) of your choice but centralized.
  - Implementation of a URL filtering solution.
  - Implementation of an IPS/IDS signature inspection solution of your choice.
  - Implementation of a SOC solution of your choice.
  - Implementation of a Data Center, a WEB server (secured and monitored)
  - A database server will be made available.
  - A PROXY HTTP + (Log) service on a separate machine (Virtual)
  - Two server services of your choice for content deposit.
  - A Windows service (AD + two roaming profiles)



## HARDSKILLS

- CCNA module 1 & 2
- Securing an infrastructure
- Firewall
- SecOps
- Vulnerability testing
- Vulnerability management
- Creation of a Secure DataCenter Architecture
- Risk Assessment
- Wireshark
- Incident management, log

## SOFTSKILLS

- Leadership
- Autonomy
- Emotional intelligence
- Communication
- Adaptability
- Collaboration
- Solution oriented