

Day3_Schedule_EN

Day 3 — Networking basics, network tools, network diagnostics lab

Date: 21.08.2025

Start time: 14:00

Total duration: 8h

Warm-up: review Day 2 commands

Command recap, refresh

Introduction to networking concepts (IP, DNS, routing)

Network theory basics

Commands: `ifconfig` , `ip addr` , `ip link` , `ip route`

Interfaces, routes overview

Practice: viewing interface configuration

Check network settings

Connectivity testing commands: `ping` , `traceroute` , `curl` , `wget`

Connection checks, reachability

Practice: ping hosts, check access

Hands-on connectivity test

Working with `/etc/hosts` and checking DNS via `dig`, `nslookup`

Local records, DNS lookups

Mini-lab: network diagnostics

Ping, DNS, HTTP tests

Daily summary + upload to GitHub

Notes, export, commit