

University of Ain Temouchent Belhadj Bouchaib
Faculty of Science and Technology
Department of Mathematics and Computer Sciences
Academic year 2025-2026

Lab3 / Network Architecture / M1 CYSIA

Responsible for the course : Mr A. BENZERBADJ

Objective

The purpose of this lab is to learn how to configure automatic assignment of IPv4 addresses (i.e., configuring DHCP)

Exercise

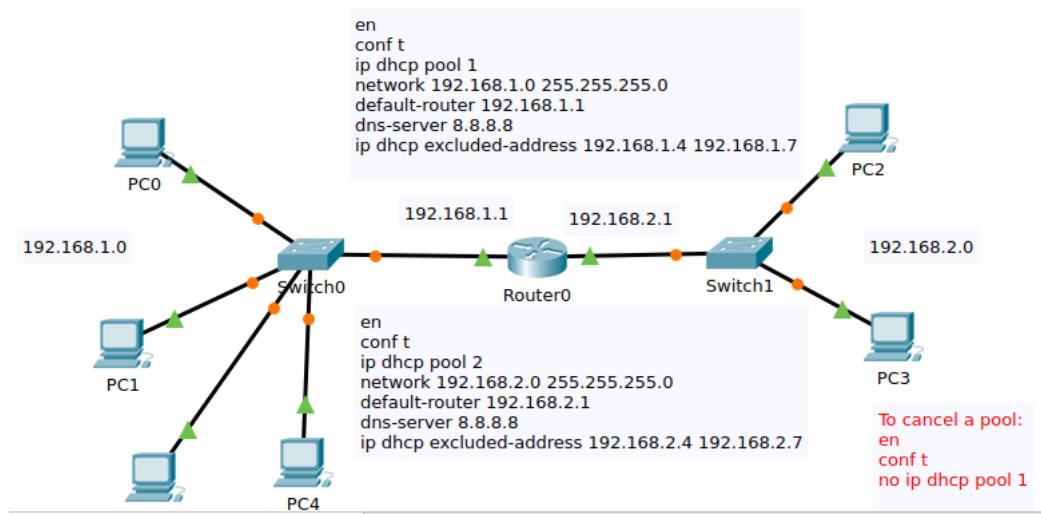


FIGURE 1 – Network topology.

1. Create this network topology using PacketTracer.
2. Configure *DHCP* on router0.
3. Set up *static routing*.
4. Verify connectivity between PCs in different networks.