

CN

Lab 1) creating a topology and simulate sending PDU from source to destination using hub and switch as connecting device.

• Hub: is dumb device, it broadcasts to all

• Switch: is a intelligent device, it checks destination IP address and sends only to those.

“ 1) set 2 devices. configure - its IP address  
- its gateway.

2) simulate switch and hub.

3) connect switch to 2 devices PC<sub>0</sub> PC<sub>1</sub>,  
connect hub to 2 devices PC<sub>2</sub> PC<sub>3</sub>.