

NAT Simulation Assignment

Attached you will find a Packet Tracer file (No-NAT.pkt). Configure the router R1 to perform NAT for two cases:

1. Assume that the ISP gave you the pool of public IP addresses 10.0.0.10 to 10.0.0.19.
2. Assume that only the public IP address 10.0.0.1 that is used by the serial interface s0/0 of R1.

Save each case in a separate .pkt file and send it to the homework email.

Suggestion: One way to test the NAT translation is to run “debug ip icmp” on R2 and perform pings from the local PCs of network 192.168.1.0 to the address of the serial interface s0/0 of R2 (10.0.0.2) and look at the address to which the reply is being sent to.