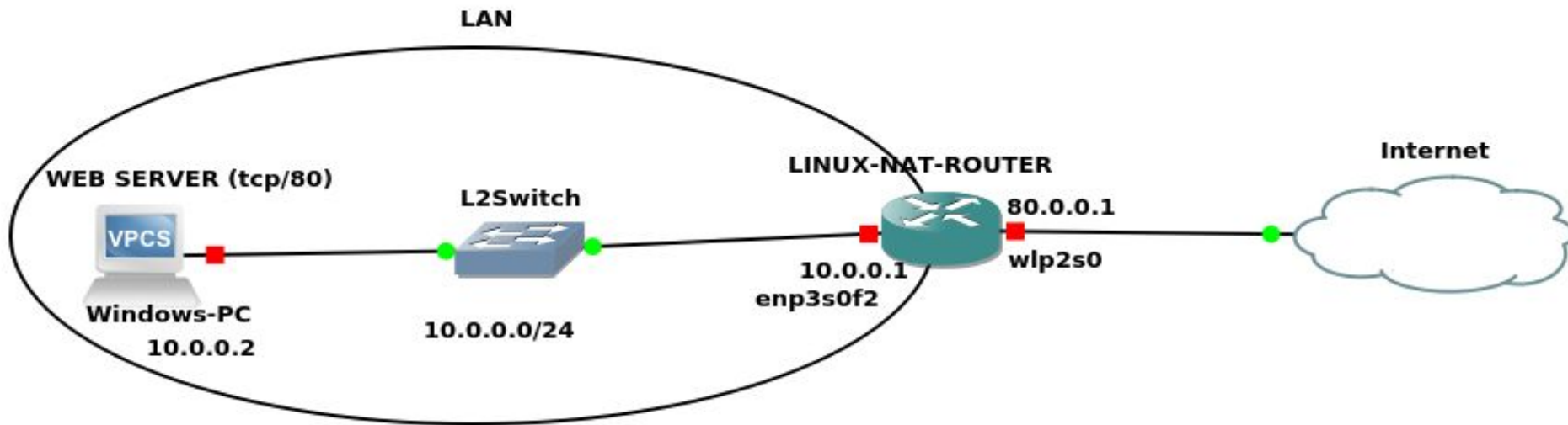


Port Forwarding (DNAT)

- It permits connections from the Internet to servers with private IP addresses inside LAN.
- The client connects to the public IP address of the DNAT Router which in turn redirects traffic to the private server.
- The server with the private IP address stays invisible.
- DNAT uses **nat table** and **PREROUTING** chain.
- Target used is **-j DNAT --to-destination** *private_ip_address*

DNAT(Port Forwarding)



Configuration:

1. It's assumed that SNAT is already configured for traffic generated from the LAN server to the Internet
2. Define the iptables rule that matches traffic that comes from the Internet and use **-j DNAT** **--to-destination** LAN_SERVER_IP target