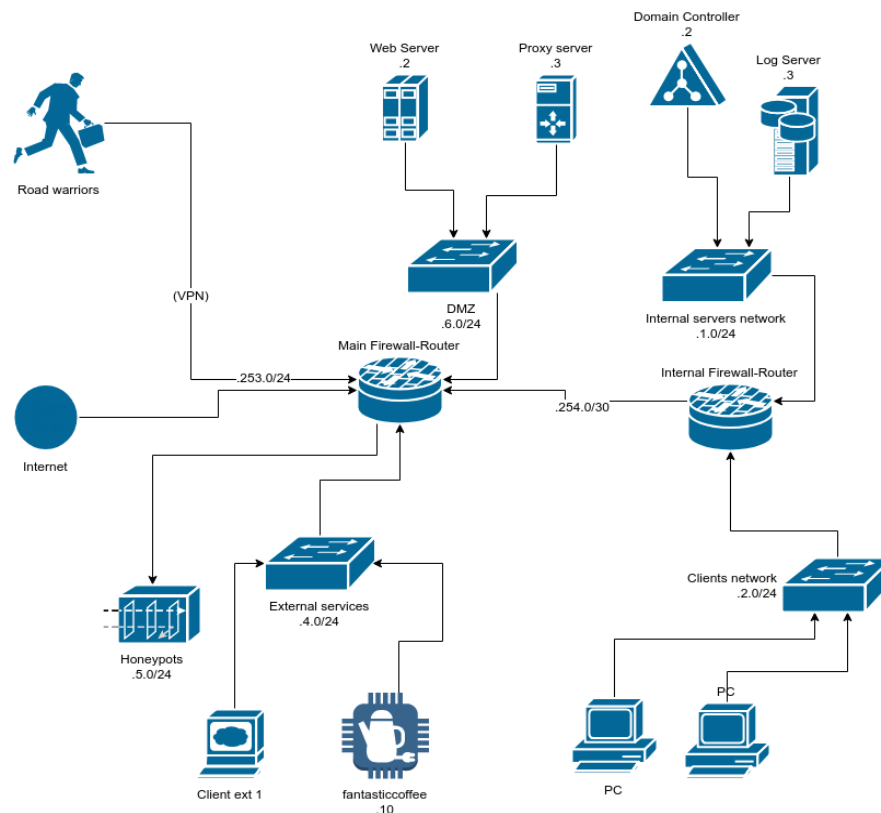


## Assignment 10: IPv6 addressing of ACME co.'s network.

### GROUP ACTIVITY

In this assignment you are asked to realize the IPv6 addressing of ACME co.'s network.

The ISP of ACME co. is IPv6-ready and ready to distribute IPv6 addresses and delegate prefixes to his customers. You have to enable IPv6 on the Main Firewall-Router and enable the prefix redistribution in DMZ network, so that the services exposed to the outside are IPv6-ready. Other sub-networks can be left without. You have to ask the ISP for /56 prefixes. Moreover, you can use the SOLICIT option in order to perform the prefix assignment.



### Scheme of your hand-in

You have to prepare a document with the following structure:

## Assignment 10: vulnerability assessment of ACME co.'s network.

**Student names:**

**Student matricola list:**

1. Introduction
2. Enabling IPv6 on the firewall
3. Enabling IPv6 on the DMZ
4. Test of the solution
  1. You can provide a traceroute form your VPN client to one of the server in the DMZ
5. Final remarks