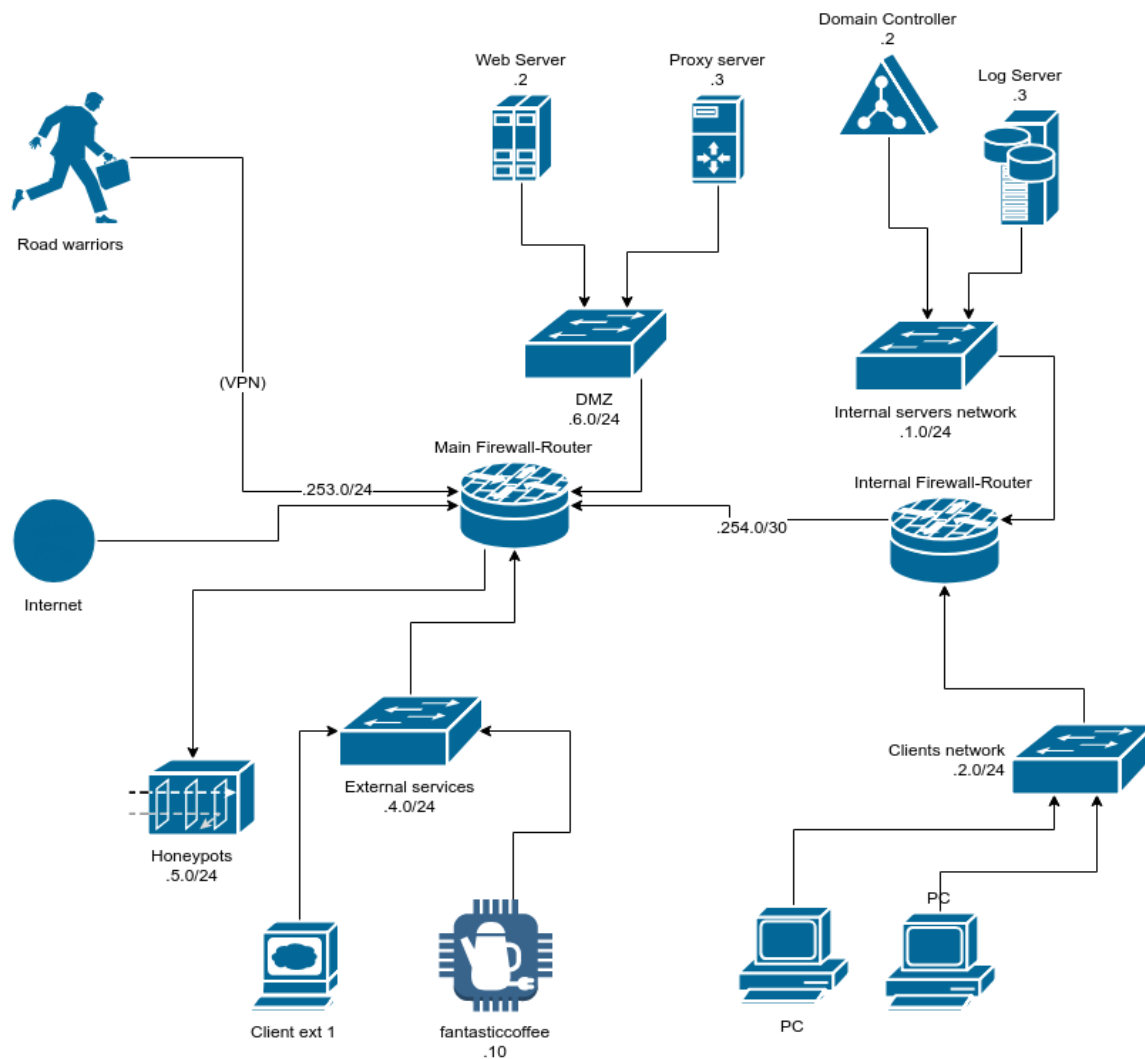


Assignment 8: squid on ACME co. Group activity

In this assignment you have to install and properly configure the squid proxy in the proxy server machine, within the DMZ of the ACME co, within our remote infrastructure.

You have to setup squid to accept, forward and cache the responses of all the HTTP requests coming from the hosts of the ACME co. clients network. HTTPS traffic should go straight to Internet (no TLS bump expected). Clients should not be allowed to navigate in HTTP/HTTPS without using the proxy. Moreover, before accepting their requests, all the clients have to be authenticated using the LDAP service running on the Active Directory of the Domain Controller, within the Internal servers network.

You have to also properly configure the firewalls in order to respect the above requirements.



Scheme of your hand-in

You have to prepare a document with the following structure:

Assignment 8: squid on ACME co.

Student names:

Student matricola list:

1. Introduction
2. Squid installation
3. Forward proxy configuration
4. Authentication setup
5. Test of the setup
6. Final remarks