Dear examing teachers, our team got invited by GLS HUNGARY to represent their company.

The task of the group was to remake their obsolete network. My name is Zsombor Pozsonyi and my group mate’s, Levente Mazács and Máté Zgyerka. We started our work with a condition survey. Which part of the network should be modernized in their company. We found a lot of old techniques what can cause attacks in their system. So we started to rebuild the basic composition with our best knowledge. We worked in Packet Tracer to demonstrate the network systems, we used VirtualBox for the cloud services and GNS3 to test the life-like operation. We have built in countless protocols and defense techniques in our presentation for example HSRP on the routers if one of our border router fails the communication can be alive with the secondary router, Spanning-tree on the switches for the possible broadcast storms and port security to defense the fake DHCP messages and a lot more.

Overall the team worked together in all areas of the presentation so the work wasn’t so hard at all.

Thank you for the attention, from now we will continue the presentation in Hungarian.