Laboration 1

1DV720 – Server Administraion

January 23, 2017

1   Introduction

You are an It-Technician on a small newly founded company and the board have given you the task to install the company's first servers and clients. There are some requirements on the system that you should find in Requirements 4

It is important that you have read the lab thoroughly before you start with the laboration. You must follow the instructions under Work Environment 5.

2   Deadline

There are one laboratory sessions connected to this module, at this session you are given the opportunity to get help if so needed. To be able to finish the modules you are likely needed to spend more time on your own.

Accounting   You will show your work and demonstrate your progress at this lab session, prepare a small document with an overview of your configuration/setup if needed for overview.
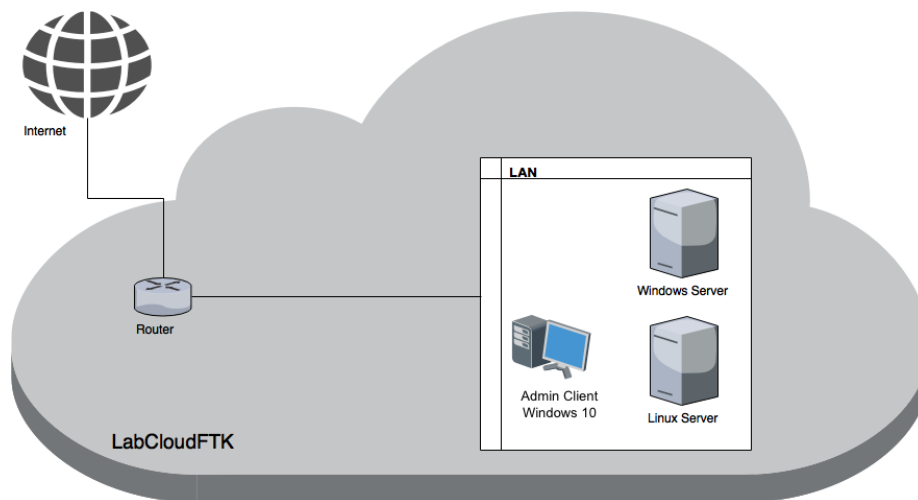
3   Assignment

Figure 1: The network as it should be setup in Lab 1.

You have been given the task to configure a newly founded company's network. In Figure1 you should see how the network should look when you are done with lab 1.

The topology contains one Linux server, one Windows Server 2012 R2 and one Windows 10 client that should be use as an administration client. All of these should be connected to the LAN network.

4 Requirements

Aside from the network sketch there are some requirements the company have:

- All machines should:
    - should have internet access.
    - should be able to ping each other .
    - have proper firewall rules. This includes both the linux and windows machines.
    - have a proper naming convention.

- Specific machine requirements:
    - **Admin Client**
        * This is the only machine that should be able to contact from Internet using RDP
        * Only RDP traffic should be allowed from Internet
        * It should have an strong an complex password.
        * You should be able to administer other LAN server from this machine using SSH and RDP

5 Work Environment

You will be using FTK Lab Cloud to be able to accomplish this lab. You will find your credentials and tutorial on how to get started on this page: https://coursepress.lnu.se/kurs/serveradministration/lab-cloud/