

Project Network, 1. Semester



Erhvervsakademiet Lillebælt

IT 12-2 Net

Jacob Aabye Jensen, Maria Sjö, Veronica Kis Hansen

Group number: 2

Supervisor: Peter Thomsen

10. december 2012

Table of Contents

1.0 Introduction.....	1
2.0 Technical Part	1
2.1 System overview.....	1
<i>Figure 1.0 – A Diagram of the network setup</i>	1
2.2 Network information.....	2

1.0 Introduction

The small network will consist of a Windows Server with DHCP to delegate IP addresses, a switch with one (1) VLAN including three (3) ports. Three (3) laptops will be connected to the three (3) ports in the VLAN.

2.0 Technical Part

The server run with Windows Server and laptop 1-3 has a Windows 7 operating system.

2.1 System overview

Our project is setting up a LAN. We have three (3) workstations and one server. All the notes are connected to the switch which allows the communication between them.

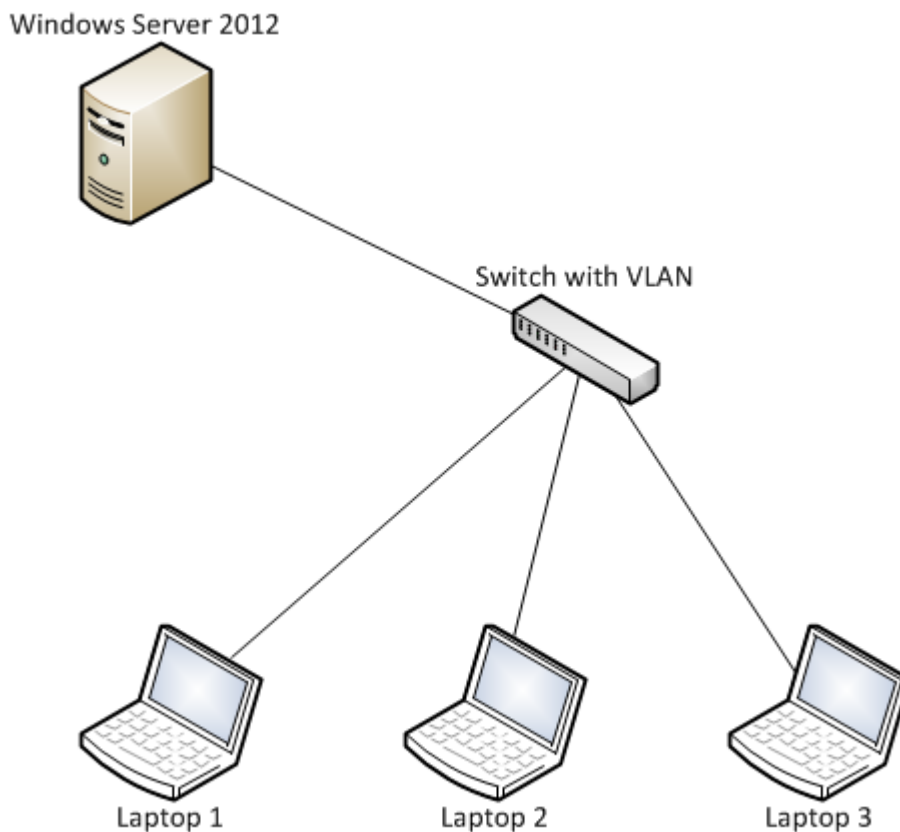


Figure 1.0 – A Diagram of the network setup

2.2 Network information

Network ID:

192.168.2.0

Subnet mask:

255.255.255.240

IP addresses:

Available: 192.168.2.1 – 192.168.2.14

Default gateway: 192.168.2.1

Server: 192.168.2.2

Laptop 1: 192.168.2.3

Laptop 2: 198.168.2.4

Laptop 3: 198.168.2.5

Broadcast address: 192.168.2.15