

Lab 2

Secure LAN Lab- Setup

ITSC 206: Advanced Networking for Offensive and Defensive Environments

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Lab Setup

* Review architecture for each configuration and optimize.

OS Files/Download

* Win2k12R2 Image on Desktop
* TFTPD64 on Student Resources, rename from .txt to .exe

Reading

* None

Introduction

This document supports the setup of Lab2.

Initial Switch Setup

CiscoSwitch Initial Setup

Would you like to enter basic management setup? [yes/no]: yes \*\*\*\*\*\*

Configuring global parameters:

Enter host name [Switch]: student1sw1 \*\*\*\*\*\*\*\*\*change sw # if more switches are connected

The enable secret is a password used to protect access to

privileged EXEC and configuration modes. This password, after

entered, becomes encrypted in the configuration.

Enter enable secret: cisco \*\*\*\*\*\*\*\*\*

The enable password is used when you do not specify an

enable secret password, with some older software versions, and

some boot images.

Enter enable password: ciscotech \*\*\*\*\*\*\*\*\*

The virtual terminal password is used to protect

access to the router over a network interface.

Enter virtual terminal password: ciscotech

Configure SNMP Network Management? [no]: n \*\*\*\*\*\*\*\*\*

Would you like to enter the initial configuration dialog? [yes/no]: yes \*\*\*\*\*\*

Enter interface name used to connect to the

management network from the above interface summary: vlan1 \*\*\*\*\*\*\*\*\*

Configuring interface Vlan1:

Configure IP on this interface? [no]: yes \*\*\*\*\*\*\*\*\*

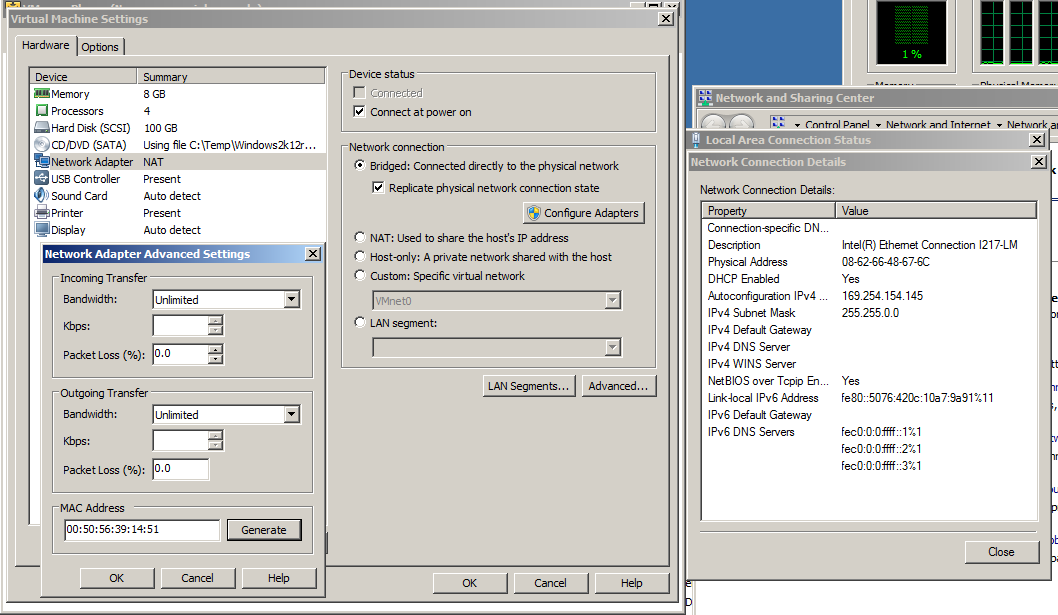
IP address for this interface: 10.0.1.254 \*\*\*\*\*\*\*\*\*

Subnet mask for this interface [255.0.0.0] : 255.255.255.0 \*\*\*\*\*\*\*\*\*

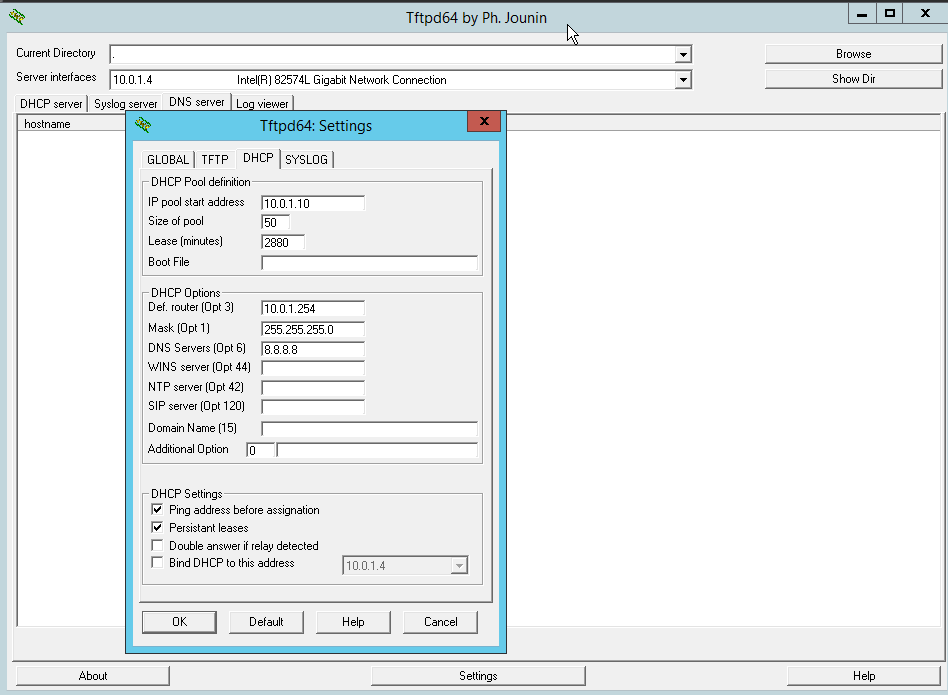
Class A network is 10.0.0.0, 24 subnet bits; mask is /24 \*\*\*\*\*\*\*\*\*

Would you like to enable as a cluster command switch? [yes/no]: no \*\*\*\*\*\*\*\*\*

Windows 2k12R2 VM Network Setup



TFTP Settings on Win 2k12R2



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