# Project 10: installs, introduces servers to network and start using them.

# Description:

# In this homework, we will learn how to build new server, introduce them to network, and start typing command on CLI.

# Install two servers (1 RHEL 9 and 1 Rocky 9)

# Characteristic:

# Add one disk on each server with 25G

# Partition the disk during installation process

# 700 MB /boot

# 7G /app/data

# 10G /

# 1g swap

# Open up 3 network adapter on each server.

# After installation, introduce server to the network.

# Assign 2 static IP address to Rocky 8 (1st=X.X.X.50, 2nd=X.X.X.51)

# Assign 1 static IP Address to rhel 8 (X.X.X.83)

# DNS1=8.8.8.8

# DNS2=8.8.4.4

# Domain=mydomain.com

# Make sure your servers can ping google.com after you finish static configuration.

# Configure new network teaming link on rhel 8.

# The system have network interface enp0s9 and enp0s10

# These two interfaces should be slave for new teaming device called boss1 (Make sure “boss1” should remain active even if one of the interfaces goes down)

# Assign the IP (X.X.X.85) for “boss1” on rhel 8

# View the current hostname of each server.

# Update hostname on both servers so that:

# Rocky 8 should be reflect as: rocky8.mydomain.com

# Rhel8 should be reflect as: rhel8.mydomain.com

# Added the file hosts base entry so that you could ping each hostname from each servers.

# View TCP ports on both system that are listening for connection and view that have established connections.

# Using SSH to connect remotely to both systems and make sure SSH can start at a boot without your intervention.

# Create a user student in both system with password homework10.

# Make sure you can connect through ssh from rhel8.mydomain.com to rocky.mydomain.com without password authenticate using student account.

# Create a directory homework10 in /tmp directory (/tmp/homework10 and create 4 different files in that directory named file1, file2, file3 and file4) on rhel8.mydomain.com

# Enter “my cours is linux” in file1 and “I’m a guru in Linux” in file3.

# Using scp method to copy all these files at once from rhel8 to rocky8 /tmp