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# **Department of Computer Science and Engineering Islamic University of Technology (IUT)** A subsidiary organ of OIC

# **Laboratory Report**

# CSE 4512: Computer Networks Lab

## 

## **Name: Student ID: Section: Semester: Academic Year:**

**Date of Submission:**

### **Title:** Configuring ACL and NAT in Cisco Devices

### **Objective**:

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### **Devices/ software Used**:

### **Diagram of the experiment(s):**

*(Provide screenshot of the final network topology. Make sure to label the network components.)*

### **Working Procedure:**

***(****Explain in brief how you completed the tasks. Provide necessary screenshots of used commands for each task.)*

### **Questions**:

**Task # 01:**

The ping from 192.168.10.10 to 192.168.11.10 is successful or not? Explain.

**Ans:**

The ping from 192.168.10.10 to 192.168.20.254 is successful or not? Explain.

**Ans:**

The ping from 192.168.11.10 to 192.168.20.254 failed or not? Explain.

**Ans:**

**Task # 02:**

1. From the web browser of each of the PCs that use R1 as their gateway (PC1, L1, PC2, and L2), access the web page for Server1.

**Question:**

Were all connections successful?

1. From the web browser of each of the PCs that use R2 as their gateway (PC3, L3, PC4, and L4), access the web page for Server1.

**Question:**

Were all connections successful?

1. Compare the NAT statistics on the two devices.

**Question:**

Why doesn’t R2 list any dynamic mappings?

### **Observation**:

### **Challenges (if any):**