



UNIVERSITY OF DHAKA

Department of Computer Science and Engineering

CSE-3111 : Computer Networking Lab

Lab Report 1 : Lab exercises on LAN configuration and troubleshooting tools

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1 Introduction

The primary objective of this lab is to familiarize with few network troubleshooting tools like PING, TRACEROUTE, IFCONFIG, ARP, RARP, NSLOOKUP, NETSTAT etc. These tools are a necessity for every network administrator.

2 Objectives

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3 Theory

4 Methodology

4.1 PING

4.2 TRACEROUTE

4.3 IFCONFIG

4.4 ARP

4.5 RARP

4.6 NSLOOKUP

4.7 NETSTAT

5 Experimental Result

6 Experience