

Pillai HOC College of Engineering and Technology, Rasayani
Department of Computer Engineering
Experiment List

Subject: Computer Networks

Semester: V

Serial No.	Name of Experiment	Page No.
1.	Study of Networking Commands and Network Configuration Files.	2
2.	Setup a network and configure IP addressing, subnetting, Masking. (Eg. CISCO Packet Tracer)	8
3.	Study and Build a simple network topology to configure it for static routing protocol using packet tracer.	21
4.	Understand the operation of packet sniffer tools like Wireshark.	29
5.	i) Installation & Configuration of NS2 in Linux Environment. ii) Implement IPv4(Distance Vector Routing).	39
6.	i) Setting up multiple IP Addresses on a single LAN. ii) Using netstat and route commands.	43
7.	A client-server application using socket programming in Java.	47
8.	Study and implementation of CRC algorithm	51
9.	Perform File Transfer and Access using FTP	58
10.	Perform Remote Login using Telnet server.	61
H/W Requirements		RAM 512 MB, Printer, Cartridges
S/W Requirements		JDK 1.3, Cisco Packet Tracer 6.3, NS-2.35

EXPERIMENT NO: 1

Name of the Student:-

Mumbai University Advanced Computer Networks Lab Manual

Tami Evanson



Mumbai University Advanced Computer Networks Lab Manual:

American Book Publishing Record ,2003 Yearbook of International Organizations 2002-2003 Union of International Associations,2003-03 **Who's Who in America** Marquis Who's Who, Inc,2002 **Lab Manual for Network+ Guide to Networks** Michael Grice,Tamara Dean,2002 This hands on lab manual for the Network Guide to Networks Second Edition includes additional labs and projects that can be instructor led or self paced The projects and exercises reinforce skills needed for CompTIA s Network certification exam **Advanced Computer Networks** Dr.T.CHITHAMBARAM,Dr. K. SARANYA ,2023-08-24 Dr T Chithambaram Assistant Professor Department of Computer Science Government Arts and Science College Manapparai Tiruchirappalli Tamil Nadu India Dr K Saranya Assistant Professor Department of Computer Science Government Arts and Science College Srirangam Tiruchirappalli Tamil Nadu India **Kit** Todd Verge,Michael Grice,Tamara Dean,2011-08-20 *Mike Meyers' Network+ Guide to Managing & Troubleshooting Networks Lab Manual* Michael Meyers,2004-08-30 Practice the concepts with over 40 labs that challenge students to solve real world problems with learned concepts The Network lab manual will challenge students to solve real world problems using concepts and skills taught in the textbook Avoiding a eoecklick by clicke approach McGraw Hille tm s lab manual distinguishes itself by enabling teachers to assess their studentse tm knowledge of the subject and give students a way to practice their skills **Lab Manual Networking Essentials** Course Technology Staff,2000-03 Network+ Lab Manual David L. Prowse,2006 Attention Network Candidates Put your knowledge to the test Network Exam Cram 2 Lab Manualcan provide you with important experience before your test Each lab corresponds to the key objectives for the exam simulating real world tasks and has key objectives step by step procedures and What did I just learn report sections to ensure that you understand the key concepts covered in the lab You can also register your book at www.examcram2.com to receive exclusive access to 175 additional test questions Empower yourself before your test withNetwork Exam Cram 2 Lab Manual Lab Manual for Dean's Network+ Guide to Networks Todd Verge,2015-05-20 The Lab Manual contains more than 70 labs to provide students with additional hands on experience and to help them prepare in detail for the Network Exam The Lab Manual includes lab activities objectives materials lists step by step procedures illustrations and review questions Mike Meyers' CompTIA Network+ Guide to Managing and Troubleshooting Networks Lab Manual, 3rd Edition (Exam N10-005) Michael Meyers,Dennis Haley,2012-01-18 Practice the IT Skills Essential for Your Success 90 lab exercises challenge you to solve problems based on realistic case studies Lab analysis tests measure your understanding of lab results Step by step scenarios require you to think critically Key term quizzes help build your vocabulary Lab solutions are only available to instructors and do not appear inside the book In this lab manual you ll practice Building a network with the OSI and TCP IP models Configuring network hardware topologies and cabling Connecting multiple Ethernet components Installing and configuring routers and switches Working with TCP IP applications and network protocols Configuring IPv6 routing protocols

Setting up clients and servers for remote access Configuring wireless networks Securing networks with firewalls NAT port filtering packet filtering and other methods Implementing virtualization Building a SOHO network Managing and troubleshooting networks

Network+ Lab Manual Tami Evanson,2000 Candidates for the Network certification can find all the help they need in this student workbook which provides a full set of lab exercises to accompany the Network Study Guide and covers every objective defined by CompTIA for the exam

Lab Manual for Dean's Network+ Guide to Networks Todd Verge,2014-10-17 The lab manual provides the hands on instruction necessary to prepare for the certification exam and succeed as a network administrator Designed for classroom or self paced study labs complement the book and follow the same learning approach as the exam Important Notice Media content referenced within the product description or the product text may not be available in the ebook version

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Network+ All-in-One Lab Manual Catherine Creary,2002-03-13 This guide prepares readers for the real world by applying networking concepts to solve real networking problems Contains step by step not click by click lab scenarios that require students to think critically

Advanced Computer Networks Sona Kumar,Shobha G., [Computer Networks for Remote Laboratories in Physics and Engineering](#) Research Institute for Advanced Computer Science (U.S.),1988

[Advanced Computer Networks](#) Sushil Kumar Kashyap, 1st,Tarun Dhar Diwan, 2nd,2021-11-25

Lab Manual Dean Farwood,2009-01-05 The Lab Manual for SECURITY GUIDE TO NETWORK SECURITY FUNDAMENTALS 3rd Edition is a valuable tool designed to enhance your classroom experience Lab activities objectives materials lists step by step procedures illustrations review questions and more are all included Important Notice Media content referenced within the product description or the product text may not be available in the ebook version

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