## CCNA Lab Manual for Computer Network design in Cisco Packet Tracer

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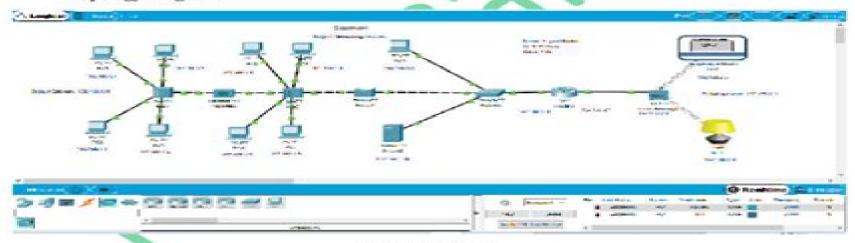
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#### Experiment-1

- Study of different Network Devices
  - Necessary Equipment's:
    - 1 Router (1841) and 1 Switch's (2960-24PT)
    - 2. 2 Hub's and 1 Repeater
    - 3. I Gateway and I Bridge
    - 4. 9 PCs and 1 Server
    - 5. I Light and I Temperature Monitor
    - 6. Connecting wires (Copper Straight-Through wires, Copper cross-Over)

#### Topology Diagram:



## Experiment-2

- Topology Design
  - 1. Bus Topology
  - 2. Star Topology
  - 3. Ring Topology
  - 4. Mesh Topology
  - 5. Fully Connected Topology
  - Necessary Equipment's:

## **Instructor Manual Lab Ccnax**

**Wendell Odom** 

#### **Instructor Manual Lab Ccnax:**

CCNA Voice Lab Manual Brent Sieling, 2013 The CCNA R Voice certification expands your CCNA level skill set to prepare for a career in voice networking This lab manual helps to prepare you for the Introducing Cisco Voice and Unified Communications Administration ICOMM v8 0 certification exam 640 461 CCNA Voice Lab Manual gives you extensive hands on practice for developing an in depth understanding of voice networking principles tools skills configurations integration challenges and troubleshooting techniques Using this manual you can practice a wide spectrum of tasks involving Cisco Unified Communications Manager Unity Connection Unified Communications Manager Express and Unified Presence CCNA Voice Lab Manual addresses all exam topics and offers additional guidance for successfully implementing IP voice solutions in small to medium sized businesses CCNA Voice 640 461 Official Exam Certification Guide Second Edition ISBN 13 978 1 58720 417 3 ISBN 10 1 58720 417 7 CCNA Voice Portable Command Guide ISBN 13 978 1 58720 442 5 ISBN 10 1 58720 442 8 Configuring Cisco Unified Communications Manager and Unity Connection A Step by Step Guide Second Edition ISBN 13 978 1 58714 226 0 ISBN 10 1 58714 226 0 CCNA Voice Quick Reference ISBN 13 978 1 58705 767 0 ISBN 10 1 58705 767 0 CCNA Lab Manual for Cisco Networking Fundamentals Kelly Cannon, Kurt Hudson, 1999-10 CD ROM includes a limited version of MeasureUp s CCNA test prep software including 50 sample exam questions and a test engine Page xiii

Network Fundamentals, CCNA Exploration Companion Guide Mark Dye, Richard McDonald, Antoon Rufi, 2007-10-29 Network Fundamentals CCNA Exploration Companion Guide is the official supplemental textbook for the Network Fundamentals course in the Cisco Networking Academy CCNA Exploration curriculum version 4 The course the first of four in the new curriculum is based on a top down approach to networking The Companion Guide written and edited by Networking Academy instructors is designed as a portable desk reference to use anytime anywhere The book s features reinforce the material in the course to help you focus on important concepts and organize your study time for exams New and improved features help you study and succeed in this course Chapter objectives Review core concepts by answering the focus questions listed at the beginning of each chapter Key terms Refer to the updated lists of networking vocabulary introduced and highlighted in context in each chapter Glossary Consult the comprehensive glossary with more than 250 terms Check Your Understanding questions and answer key Evaluate your readiness with the updated end of chapter questions that match the style of questions you see on the online course quizzes The answer key explains each answer Challenge questions and activities Strive to ace more challenging review questions and activities designed to prepare you for the complex styles of questions you might see on the CCNA exam The answer key explains each answer How To Look for this icon to study the steps you need to learn to perform certain tasks Packet Tracer Activities Explore networking concepts in activities interspersed throughout some chapters using Packet Tracer v4 1 developed by Cisco The files for these activities are on the accompanying CD ROM Also available for the Network Fundamentals Course Network Fundamentals CCNA Exploration Labs

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Academic Edition Wendell Odom, 2013 CCENT CCNA ICND1 100 101 Official Cert Guide Academic Edition is a comprehensive textbook and study package for a beginner level networking course This book has been completely revised to align to Cisco's new CCENT 100 101 ICND1 exam Material is presented in a concise manner focusing on increasing student retention and recall of exam topics The book is printed in four color allowing students to benefit from carefully crafted figures that utilize color to convey concepts If you re looking for a lower priced option for your students consider the Standard Version The book content is the same with the same instructor resources but is printed in black and white and the books have a slightly different layout with chapter opening assessment questions instead of review questions The Standard Version does not include the premium edition eBook and practice test but does include a CD with practice test software See ISBN 9781587143854 The 1 hour 14 minute presentation found at the following link was given by Wendell Odom to cover Teaching the New CCENT ICND1 100 101 CCNA ICND2 200 101 Exam Material http bit ly OdomCCENTCCNA the WAN, CCNA Exploration Companion Guide Bob Vachon, Rick Graziani, 2008-04-28 Accessing the WAN CCNA Exploration Companion Guide Bob Vachon Rick Graziani Accessing the WAN CCNA Exploration Companion Guide is the official supplemental textbook for the Accessing the WAN course in the Cisco Networking Academy CCNA Exploration curriculum version 4 This course discusses the WAN technologies and network services required by converged applications in enterprise networks The Companion Guide written and edited by Networking Academy instructors is designed as a portable desk reference to use anytime anywhere The book s features reinforce the material in the course to help you focus on important concepts and organize your study time for exams New and improved features help you study and succeed in this course Chapter objectives Review core concepts by answering the focus questions listed at the beginning of each chapter Key terms Refer to the updated lists of networking vocabulary introduced and turn to the highlighted terms in context in each chapter Glossary Consult the all new comprehensive glossary with more than 250 terms Check Your Understanding questions and answer key Evaluate your readiness with the updated end of chapter questions that match the style of questions you see on the online course quizzes The answer key explains each answer Challenge questions and activities Strive to ace more challenging review questions and activities designed to prepare you for the complex styles of questions you might see on the CCNA exam The answer key explains each answer Bob Vachon is the coordinator of the Computer Systems Technology program and teaches networking infrastructure courses at Cambrian College in Sudbury Ontario Canada Bob has worked and taught in the computer networking and information technology field for 25 years and is a scholar graduate of Cambrian College Rick Graziani teaches computer science and computer networking courses at Cabrillo College in Aptos California Rick has worked and taught in the computer networking and information technology field for 30 years How To Look for this icon to study the steps that you need to learn to perform certain tasks Packet Tracer Activities Explore networking concepts in activities interspersed throughout some chapters using Packet Tracer v4 1 developed by Cisco The files for these activities

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combine the concepts learned from the course and Curriculum Labs into new experiments These Exercises provide minimal guidance You are encouraged to complete the Curriculum Labs before moving on to a Comprehensive Lab and Challenge Labs are unique labs requiring a thorough understanding of the previously learned network concepts You should complete all Curriculum Labs and Comprehensive Labs before attempting a Challenge Lab Additionally the appendix includes a CCNA 2 Skills Based Assessment practice lab be well prepared to continue your networking education in the CCNA courses that follow Use this book with Routers and Routing Basics CCNA 2 Companion Guide ISBN 1 58713 166 8 Allan Johnson is an information technology instructor at Mary Carroll High School and Del Mar College in Corpus Christi Texas Since 2003 Allan has committed much of his time and energy to the CCNA Instructional Support team creating training materials and providing services for instructors worldwide He is a familiar voice on the Cisco Networking Academy Community forum Ask the Experts series This book is part of the Cisco Networking Academy Program series from Cisco Press registered The products in this series support and complement the Cisco Networking Academy Program online curriculum Designing and Supporting Computer Networks Kenneth D. Stewart, Aubrey Adams, E. Aubrey Adams, 2008 This authorized textbook for the final course of the Cisco Networking Academy CCNA Discovery curriculum is a portable reference that aligns 1 1 with the online course modules It also has numerous features to enhance learning and assist in concept retention

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