

## **Computer Networking: Beginner's Guide For Mastering Computer Networking And The OSI Model (Computer Networking Series Book 1)**

***The #1 bestselling beginner's guide to computer networking—now in a new edition Need networking know-how, but don't know where to turn? Run—don't walk—to the no-nonsense networking guidance offered in this friendly guide! Whether you're a networking administrator or an everyday computer user looking to set up a network in your home or office, Networking For Dummies seamlessly gets you connected with the basics and gives you the knowledge to work out whatever kinks may come your way—in no time. A network can make everything in your home or office run more smoothly and easily, but setting one up can be challenging for even the most computer-savvy people. Well, relax—this bestselling guide has you covered! Inside, you'll find step-by-step instructions on setting up and maintaining a network, working with broadband and wireless technologies, ensuring you're following best practices with storage and back-up procedures, building a wired or wireless network, and much more. Set up a network for all major operating systems Secure, optimize, and troubleshoot your network Create an intranet and use the Cloud safely Make sense of the latest updates to Windows 10 Don't let a thorny networking issue get the best of you! Heed the simple guidance in this friendly guide and effectively network your way to more effective shared data and resources.***

***If You Want to Understand How Computer Networks Work and Learn How to Set One up, Then Keep Reading! A decade ago, computers were considered a luxury and not a necessity. It was the exclusive property of the wealthy and lucky and a network was exclusively reserved for large organizations and corporations. However, things have changed. Nearly everyone now has access to a computer or some other Internet-enabled devices. Wireless networking technology has made a network available for all and sundry. However, this comes at a price: insecurity. Your network can be remotely hacked while your confidential information may be stolen for a ransom (ransomware) or some other purposes. The computer networking industry has continued to impact people's lives and businesses over the years. Almost all the sectors of the human economy have been impacted either directly or indirectly by networking, and it will continue to have much influence in the future as well. What started as a group of computers designed to send commands to each other has gradually become a sector covering the cloud,***

**Wi-Fi, Internet of Things, Network Attached Storage, and other technologies. However, what's the origin of this highly influential technology? With the help of this guide, you will be able to learn the following: How to Set up Computer Networks Computer networking for home user Manage IP How to secure your network Cloud Networks Linux Networking AND MORE!! Even if you are not a computer expert with this guide you can understand everything you need about computer networks! Scroll up and click the buy now button for more on Computer Networking!**

**Buy the Paperback version of this book, and get the Kindle eBook version included for FREE Are you a student or a professional who is keen to learn about computer networks? Are you fascinated by the world of computers and every other system that is responsible for the efficient operation of such a wonderful human invention? When you deal with computers on a daily basis, you should be aware of the backbone which supports this incredible invention. The truth is: Computers and technology rule the world today and most of us are not aware of the network that is responsible for their efficient operation. A computer network is the interconnection of various devices, responsible for sending or receiving media or data. These devices are known as hosts and are connected using a number of paths. There are also other network devices like, routers, hubs, bridges and switches which are responsible for the communication between two different devices. The layout pattern which is used to interconnect the devices is known as the network topology like star, mesh, bus, ring, daisy chain etc. Local Area Network or LAN is a data connection network which connects various computers or terminals within a building or a small geographical area. Again, WAN stands for Wide Area Network. It is a telecommunications network which expands through a wide geographical area. DOWNLOAD: Computer Networking Beginners Guide, Ultimate Guide to Master Communication System Including Cisco and CCNA, Wireless and Cloud Technology, System Security Administration and IP Subnetting. Computer networks consist of various components, protocols and technologies working together. There should be a perfect guide who will help in learning the basics of how the network works and how the components fit together. The goal of the book is simple: It is the perfect guide for the beginners to know everything about computer network, the devices and the terminologies associated with it, domains, packets frames and headers, cabling management like Ethernet cable, cross cable, ADSL, fibre, full-duplex mode, simple-half duplex mode and lot more. The book also stresses on Ultimate Guide to Master Communication System Including Cisco and CCNA, Wireless and Cloud Technology, System Security Administration and IP Subnetting. You will**

**also learn: Components of a network Networking hardware like firewall, nas etc. Wireless hardware and standards. Cabling Management Everything about IPs. History of the internet. Introduction to various protocols like TCP/UDP/IP Virtualization, server installation, cloud service and principal OS. Basic Cisco and CCNA commands and requirements. Minimum OS command and examples in Windows, MacOS and Linux. Troubleshooting. Would you like to know more? Download the eBook, Computer Networking Beginners Guide, immediately to be quite conversant with the computer network. Scroll to the top of the page and select the buy now button.**

**Set up a secure network at home or the office Fully revised to cover Windows 10 and Windows Server 2019, this new edition of the trusted Networking For Dummies helps both beginning network administrators and home users to set up and maintain a network. Updated coverage of broadband and wireless technologies, as well as storage and back-up procedures, ensures that you'll learn how to build a wired or wireless network, secure and optimize it, troubleshoot problems, and much more. From connecting to the Internet and setting up a wireless network to solving networking problems and backing up your data—this #1 bestselling guide covers it all. Build a wired or wireless network Secure and optimize your network Set up a server and manage Windows user accounts Use the cloud—safely Written by a seasoned technology author—and jam-packed with tons of helpful step-by-step instructions—this is the book network administrators and everyday computer users will turn to again and again.**

**Your Guide for Mastering Computer Networking, Cisco IOS and the OSI Model**

**Networking: A Beginner's Guide, Sixth Edition**

**A Complete Guide for Beginners to Understand Network Security and Learning How to Set Up Wireless Networks**

**The Internet Book**

**Collection Of Three Books For Computer Networking: First Steps, Course and Beginners Guide. (All in One)**

*Security Smarts for the Self-Guided IT Professional Protect wireless networks against all real-world hacks by learning how hackers operate. Wireless Network Security: A Beginner's Guide discusses the many attack vectors that target wireless networks and clients--and explains how to identify and prevent them. Actual cases of attacks against WEP, WPA, and wireless clients and their defenses are included. This practical resource reveals how intruders exploit vulnerabilities and gain access to wireless networks. You'll learn how to securely deploy WPA2 wireless networks, including WPA2-Enterprise using digital*

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*certificates for authentication. The book provides techniques for dealing with wireless guest access and rogue access points. Next-generation wireless networking technologies, such as lightweight access points and cloud-based wireless solutions, are also discussed. Templates, checklists, and examples give you the hands-on help you need to get started right away. Wireless Network Security: A Beginner's Guide features: Lingo--Common security terms defined so that you're in the know on the job IMHO--Frank and relevant opinions based on the author's years of industry experience In Actual Practice--Exceptions to the rules of security explained in real-world contexts Your Plan--Customizable checklists you can use on the job now Into Action--Tips on how, why, and when to apply new skills and techniques at work This is an excellent introduction to wireless security and their security implications. The technologies and tools are clearly presented with copious illustrations and the level of presentation will accommodate the wireless security neophyte while not boring a mid-level expert to tears. If the reader invests the time and resources in building a lab to follow along with the text, s/he will develop a solid, basic understanding of what "wireless security" is and how it can be implemented in practice. This is definitely a recommended read for its intended audience. - Richard Austin, IEEE CIPHER, IEEE Computer Society's TC on Security and Privacy (E109, July 23, 2012)*

*This book demystifies the amazing architecture and protocols of computers as they communicate over the Internet. While very complex, the Internet operates on a few relatively simple concepts that anyone can understand. Networks and networked applications are embedded in our lives. Understanding how these technologies work is invaluable. This book was written for everyone - no technical knowledge is required! While this book is not specifically about the Network+ or CCNA certifications, it is a way to give students interested in these certifications a starting point.*

*The Internet Book, Fifth Edition explains how computers communicate, what the Internet is, how the Internet works, and what services the Internet offers. It is designed for readers who do not have a strong technical background — early chapters clearly explain the terminology and concepts needed to understand all the services. It helps the reader to understand the technology behind the Internet, appreciate how the Internet can be used, and discover why people find it so exciting. In addition, it explains the origins of the Internet and shows the reader how rapidly it has grown. It also provides information on how to avoid scams and exaggerated marketing claims. The first section of the book introduces communication system concepts and terminology. The second section reviews the history of the Internet and its incredible growth. It documents the rate at which the digital revolution occurred, and provides background that will help readers appreciate the significance of the underlying design. The third section describes basic Internet technology and capabilities. It examines how Internet hardware is organized and how software provides communication. This section provides the foundation for later chapters, and will help readers ask good questions and make better decisions when salespeople offer Internet products and services. The final section describes application services currently available on the Internet. For each service, the book explains both what the service offers and how the service works. About the Author Dr. Douglas Comer is a Distinguished Professor at Purdue University in the departments of Computer Science and Electrical and Computer Engineering. He has created and enjoys teaching undergraduate and graduate courses on computer networks and Internets, operating systems, computer architecture, and computer software. One of the researchers who contributed to the Internet as it was being formed in the late 1970s and 1980s, he has served as a member of the Internet Architecture Board, the group responsible for guiding the Internet's development. Prof. Comer is an internationally recognized expert on computer networking, the TCP/IP protocols, and the Internet, who presents lectures to a wide range of audiences. In addition to research articles, he has written a series of textbooks that describe the technical details of the Internet. Prof. Comer's books have been translated into many languages, and are used in industry as well as computer science, engineering, and business departments around the world. Prof. Comer joined the Internet project in the late 1970s, and has had a high-speed Internet connection to his home since 1981. He wrote this book as a response to everyone who has asked him for an explanation of the Internet that is both technically correct and easily understood by anyone. An Internet enthusiast, Comer displays INTRNET on the license plate of his car.*

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*Do you want to find out how a computer network works? Do you want to know how to keep your network safe? This book is all you need! Computers and the internet have changed this world and our lifestyle forever. We just need to touch a small button and within a fraction of a second, we can do almost anything! The major factor that lies behind this advanced technology is none other than computer network. That's why it's important to know how it works! Computers need to be connected to share resources and accomplish goals but, building these networks, requires a lot of skill: addresses must be set and approved, connections need to be sure. Whether it's the local area network for your company or the wired network in your home, this book gives you the right knowledge to get it started. In particular, you will learn: BOOK 1: NETWORKING FOR BEGINNERS Networking Basics - Types of computer networks and network topologies Network Hardware - The different network components (routers, hubs, switches, etc.). Network Cabling - The different cabling standards (coaxial, fiber optic cable, twisted-pair copper cable, etc.). Wireless Networking - Fundamental technicalities of wireless technology, how to set up and configure a computer for wireless connectivity. IP Addressing - Basics of IP addressing, and the different number systems (binary, decimal, and hexadecimal). IP Subnetting - Introduction to concepts of subnetting. Network Protocols - Various protocols of the TCP/IP suite. Internet Essentials - Different terminologies regarding the Internet, the worldwide web, and the history of the Internet. Virtualization in cloud computing - Concept of virtualization and cloud services. Network Troubleshooting - Effective network management must address all issues pertaining to hardware, administration, and end-user support, software, data management. BOOK 2: COMPUTER NETWORKING BEGINNERS GUIDE Introduction to Computer Networking - Components and classifications of computer networks. The Basics of Network Design - How to configure a LAN, network features, and various responsibilities of network users. Wireless Communication Systems - How a computer network can be optimized, how to enjoy the benefits of Wi-Fi technology, an introduction to CISCO Certification Guide. Network Security - The most common computer network threats and fundamental guidelines on how to steer clear of such menaces. Hacking Network - Basics of hacking in computer networking, definitions, different methods of cybercrime, and an introduction to ethical hacking. Different Hacking Methods - The concept of social engineering and various hacking methods that could put your computer at risk, such as malware, keylogger, trojan horses, ransomware, etc. Working on a DoS attack - What is and how works one of the attacks that a hacker is likely to use to help get into their target's computer. Keeping Your Information Safe - How to keep our wireless network safe and some of the things that a hacker can potentially do.*

*Computer Basics Absolute Beginner's Guide, Windows 10 Edition*

*Networking For Dummies*

*An Introductory Guide to Understanding Wireless and Cloud Technology, Basic Communications Services and Network Security for Beginners*

*Networking for Beginners. a Simple and Easy Guide to Manage a Network Computer System from the Basics*

*The Complete Guide to Network Systems, Wireless Technology, IP Subnetting, Including the Basics of Cybersecurity & the Internet of Things for Artificial Intelligence*

**If you are a student or a professional looking for more tech knowledge and skills, or if you are simply curious about the fascinating world of computer networking and its powerful applications in our everyday life, then this is the book for you! In Computer Networking for Beginners Jason Callaway has condensed all the knowledge you need to pass your next exam or take a professional certification in a simple and clear way: starting from the basics, you will learn both the theoretical and the practical elements of networking, becoming proficient with network technology, regardless of your previous experience. Learning how computers connect is not necessarily intended only for professionals. Wireless technology is all around us when we surf the web, use social networks or chat with friends and colleagues, we instantaneously send millions of information from one device to another. Anyone should be more aware of how this world works, especially in order to understand and avoid the**

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potential negative impacts on our work and our privacy of the several security issues that could unexpectedly come out. Here is a tiny fraction of what you will find: A complete explanation of the different network systems and their components The OSI reference model Computer Network Communication systems and their applications Internet, Ethernet, and wireless technology How a router works The precise definition of IP address, with step-by-step instructions to configure it All the secrets to the little-known process of IP subnetting How to configure a VLAN An introduction to Cisco System and the CCNA certification Computer networks' vulnerabilities and the basics of cybersecurity Machine learning techniques As you can easily understand, unlike all the other guides on the same topic that give you just the basics to get started, here the author has left nothing out. Becoming a professional networking engineer is now easier than ever. If you are ready to start the fascinating journey to discover this world, then click the BUY button and get your copy.

Have you ever wondered what is behind social media, email, all different websites and so on? Would you like to know how it was created and the technology that stand behind it? Can you imagine your life without all these technologies, and how different it would be? If at least one of these questions makes you think, then keep reading... We are more than happy to represent our most recent product: "COMPUTER NETWORKING FOR BEGINNERS" - a complete guide for every newcomer who is interested in computer networking and technology in general. It's almost impossible to imagine our everyday life without a smartphone or computer. But how it all started? What is the science behind it? How these so-called simple and obvious websites were created? How do computers connect to each other? Where does the information go? - All of these questions and more are going to be explained in this book. Now let's take a look at only a few things you will get out of this book: A complete step-by-step computer networking guide for beginners All the information you need to know about the internet and how it works Basic characteristics and technologies behind computer networking 1 SIMPLE TIP you have to know about technology Networking issues you need to know about Many many more... You feel that you know a lot about computers networking and how it works? Let's check it out, this book will guide you through every single step, and you will be surprised how different the reality is compared to what you think. ★★ ★ Take action now, scroll up, click on "Buy Now" and start reading! ★★ ★

Are you looking to get started with your journey to getting Cisco certified or merely want to increase your knowledge of networking to build on your IT skills and boost your career or business? And you looking for a guide that breaks down the seemingly complex topic of computer networking into simple, digestible content that you can start applying right away to set up, manage and troubleshoot computer networks with confidence? If you've answered YES, keep reading.... You Are 1-Click Away From Learning How To Develop More Than Average Level Knowledge Of Cisco Networking! You know the benefits of getting CCNA certification in the current tech industry that is openly hungry for network professionals. You know that you would easily get promoted for having practical Network skills or land yourself a job in a better paying Cisco-partner company and other businesses. You also know that networking job demand is growing exponentially each year, with a projected rate of 26% in 2020 alone. You know all that... But have you felt intimidated by the whole process of learning networking and even wondered whether you'd make it through a couple of weeks? Perhaps you're not an IT professional, but desire to learn network hardware maintenance and management to improve your life in aspects like security, business efficiency or for self fulfillment, but don't have a clue about where to begin? Then keep reading, as I have the perfect solution for you to get started with networking the right way. This book is a simple, straightforward and concise beginners' guide to computer networking, and is what you've been looking for. This book recognizes that the first step to becoming a real network professional is having a solid foundation of networking essentials, and its valuable content is weaved based on that understanding. As a beginner, I imagine that you've been having certain questions and concerns such as: What's the best way or place to start learning networking?

**What are some of the essential topics I need to cover? How do I acquire a solid understanding of networking that would enable me to handle basic hardware and software networking tasks? What does networking even entail? If I am right, even if just close, I am confident that this book will prove 100% valuable to you. In just 1-click away, you will learn: What a computer network is and the types of networks we have What an open systems interconnections model looks like, and why it's important to divide a network into various layers The ins and outs of data encapsulation What you need to know in TCP/IP The role of Ethernet technologies and cabling The basics of Ethernet cabling Everything you need to know about data encapsulation in TCP/IP model, and the Cisco 3 layer hierarchical model What IP addresses are and how they work ...And much more! Even if you've never done anything like this before, by the end of this book, you will be confident to execute everything the book teaches! What's more; this book is also a practical, beginner-friendly guide that you'll enjoy reading and implementing so consider this your lucky day! Scroll up and click Buy Now With 1-Click or Buy Now to get your copy today!**

**In large companies, computers in the workplace need to be connected to a single unit to get work done. Whether it's a company or some other shared hub, computers need to be able to share resources to accomplish goals. Building these networks requires skill, so understanding computer networks is key for getting these connections built. Network addresses must be set and approved. Network connections need to be sure. Building these types of networks requires a lot of thought, but with the right knowledge, you can provide your geographic area and beyond with safe, reliable networked devices. Whether it's the local area network for your company or the wired network in your home, you'll need some knowledge to get it started. COMPUTER NETWORKING BEGINNERS GUIDE will help you to get this knowledge through the following topics in a simple, easy-to-follow teaching approach: Introduction to Computer Networking - Needs of a real beginner in computer networking: components and classifications of computer networks, network architecture, physical topology, etc. The Basics of Network Design - How to configure a LAN, network features and various responsibilities of network users. Wireless Communication Systems - How a computer network can be optimized, how to enjoy the benefits of Wi-Fi technology, how to set up and configure a computer for wireless connectivity, plus an introduction to CISCO Certification Guide. Network Security - The most common computer network threats and fundamental guidelines on how to steer clear of such menaces. Hacking Network - Basics of hacking in computer networking, definitions, different methods of cybercrimes and an introduction to ethical hacking. Different Hacking Methods - The concept of social engineering and various hacking methods that could put your computer at risk, such as malware, keylogger, trojan horses, ransomware, etc. Working on a DoS attack - One of the attacks that a hacker is likely to use to help get into their target's computer is a denial of service attack or DoS attack. This chapter analyzes how this attack works. Keeping Your Information Safe - Some of the steps that we can take to keep our wireless network safe and some of the things that a hacker can potentially do. COMPUTER NETWORKING BEGINNERS GUIDE is an easy-to-read book for anyone hungry for computer networking knowledge. The language used is simple, and even the very technical terms that pop from time to time have been explained in a way that is easy to understand. Be Familiar with Computer Network Basics. Learn What a Computer Network Is, Why It Matters and How Networking May Raise a Challenge to Machine Learning**

**The Complete Basic Guide to Master Network Security, Computer Architecture, Wireless Technology, and Communications Systems Including Cisco, CCNA and the OSI Model**

**Learn Computer Forensics**

**What Is The Computer Network And How To Learn It In a Simple Way? The Easy Step By Step Guide For Beginners**

**An All-in-One Beginner's Guide to Understanding Communications Systems, Network Security, Internet Connections, Cybersecurity and Hacking**

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*Have you ever wondered what is behind social media, email, all different websites and so on? Would you like to know how it was created and the technology that stand behind it? Can you imagine your life without all these technologies, and how different it would be? If at least one of these questions makes you think, then keep reading... We are more than happy to represent our most recent product: "COMPUTER NETWORKING BEGINNERS GUIDE" - a complete guide for every newcomer who is interested in computer networking and technology in general. It's almost impossible to imagine our everyday life without a smartphone or computer. But how it all started? What is the science behind it? How these so-called simple and obvious websites were created? How do computers connect to each other? Where does the information go? - All of these questions and more are going to be explained in this book. Now let's take a look at only a few things you will get out of this book: A complete step-by-step computer networking guide for beginners All the information you need to know about the internet and how it works Basic characteristics and technologies behind computer networking 1 SIMPLE TIP you have to know about technology Networking issues you need to know about Many many more... You feel that you know a lot about computers networking and how it works? Let's check it out, this book will guide you through every single step, and you will be surprised how different the reality is compared to what you think. ★★★Take action now, scroll up, click on "Buy Now" and start reading! ★★★*

*If you are a beginner wanting to learn the basics of computer networking without having to go through several books, then keep reading... This book delivers a variety of computer networking-related topics to be easily understood by beginners. It focuses on enabling you to create a strong foundation of concepts of some of the most popular topics in this area. Typically, you may have had to purchase several books to cover the majority of the topics provided in this book. However, we have concentrated all five popular topics into one book for beginners. That is why we have called the book an all-in-one guide. We have provided the reader with a one-stop highway to learning about the fundamentals of computer networking, Internet connectivity, cybersecurity, and hacking. This book will have the following advantages: A formal yet informative tone, meaning it won't feel like a lecture. Straight-to-the-point presentation of ideas. Focus on key areas to help achieve optimized learning. This creates a dynamic reading experience for beginners as they progress through this book, learning about the important elements of each topic discussed. The book essentially prepares readers for future endeavors on the same topics if they wish to pick up intermediate or advanced level books. Networking is a very important field of knowledge to which the average person may be oblivious, but it's something that is everywhere nowadays. It's a field that is highly intimidating, but, when understood, increases innate resourcefulness. That's why this book emphasizes the different aspects of computer networking in such a way that a beginner-level reader can easily understand the basics. The topics outlined in this book are delivered in a reader-friendly manner and in a*



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*language easy to understand, constantly piquing your interest so you will want to explore the topics presented even more. So if you want to begin learning about computer networking in an efficient way, then scroll up and click the "add to cart" button!*

*Make the most of your wireless network...without becoming a technical expert! This book is the fastest way to connect all your wireless devices, get great performance with everything from streaming media to printing, stay safe and secure, and do more with Wi-Fi than you ever thought possible! Even if you've never set up or run a network before, this book will show you how to do what you want, one incredibly clear and easy step at a time. Wireless networking has never, ever been this simple! Who knew how simple wireless networking could be? This is today's best beginner's guide to creating, using, troubleshooting, and doing more with your wireless network...simple, practical instructions for doing everything you really want to do, at home or in your business! Here's a small sample of what you'll learn:*

- Buy the right equipment without overspending*
- Reliably connect Windows PCs, Macs, iPads, Android tablets, game consoles, Blu-ray players, smartphones, and more*
- Get great performance from all your networked devices*
- Smoothly stream media without clogging your entire network*
- Store music and movies so you can play them anywhere in your home*
- Keep neighbors and snoopers out of your network*
- Share the files you want to share—and keep everything else private*
- Automatically back up your data across the network*
- Print from anywhere in the house—or from anywhere on Earth*
- Extend your network to work reliably in larger homes or offices*
- Set up a "guest network" for visiting friends and family*
- View streaming videos and other web content on your living room TV*
- Control your networked devices with your smartphone or tablet*
- Connect to Wi-Fi hotspots and get online in your car*
- Find and log onto hotspots, both public and hidden*
- Quickly troubleshoot common wireless network problems*

*Michael Miller is the world's #1 author of beginning computer books. He has written more than 100 best-selling books over the past two decades, earning an international reputation for his friendly and easy-to-read style, practical real-world advice, technical accuracy, and exceptional ability to demystify complex topics. His books for Que include Computer Basics Absolute Beginner's Guide; Facebook for Grown-Ups; My Pinterest; Ultimate Digital Music Guide; Speed It Up! A Non-Technical Guide for Speeding Up Slow PCs, and Googlepedia: The Ultimate Google Resource. Category: Networking Covers:*

*Wireless Networking User Level: Beginning*

*Master Network Security, Computer Architecture, Internet, Wireless Technology, and More! Computer networking is extremely important because it allows multiple computers to communicate with each other and share files. Ever wondered how the internet works? Learning computer networking will help you answer this question. Terms like routers, TCP/IP, protocols, FTP, servers, and switches will no longer be jargon to you. This book takes you progressively from introduction to computer networking to advanced computer networking concepts to make the*

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*transition easy for you to your next read. The five comprehensive chapters contain lots of sub-chapters that will take you from soup to nuts and through the bits and bytes of networking, so you come out knowledgeable. Here are some of the things you will find in this book: An introduction to computer networking What you need to set up a network The basics of networking security Different types of networks and how they function How routing and switching works Step-by-step in detail through how you do networking The concept of machine learning and how it relates to networking*

*FAQ Q: Will this book make me an expert in networking? A: Further reading will be required, but this book lays the foundation for all aspects of networking including introducing you to advanced computer networking concepts. Q: Who is this book for? A: This book is for anyone interested in learning computer networking from the ground up in an easy to understand manner. Networking is a great career to delve into and a great foundation just makes it that much easier. Get yourself this guide on computer networking and lay the groundwork.*

*An Easy Guide to Learning Computer Network Basics. Take Your First Step, Master Wireless Technology, the OSI Model, IP Subnetting, Routing Protocols and Internet Essentials.*

*Computer Networking First-Step*

*Cisco Networking Essentials*

*Wireless Network Security A Beginner's Guide*

*Wireless Networking Absolute Beginner's Guide*

Do you want to find out how a computer network works? Do you want to know how to keep your network safe? This book is all you need! Computers and the internet have changed this world and our lifestyle forever. We just need to touch a small button and within a fraction of a second, we can do almost anything! The major factor that lies behind this advanced technology is none other than computer network. That's why it's important to know how it works! Computers need to be connected to share resources and accomplish goals but, building these networks, requires a lot of skill:

addresses must be set and approved, connections need to be sure. Whether it's the local area network for your company or the wired network in your home, this book gives you the right knowledge to get it started. In particular, you will learn:

**BOOK 1: NETWORKING FOR BEGINNERS** Networking Basics - Types of computer networks and network topologies  
Network Hardware - The different network components (routers, hubs, switches, etc.). Network Cabling - The different cabling standards (coaxial, fiber optic cable, twisted-pair copper cable, etc.). Wireless Networking - Fundamental technicalities of wireless technology, how to set up and configure a computer for wireless connectivity. IP Addressing - Basics of IP addressing, and the different number systems (binary, decimal, and hexadecimal). IP Subnetting - Introduction to concepts of subnetting. Network Protocols - Various protocols of the TCP/IP suite. Internet Essentials -

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Different terminologies regarding the Internet, the worldwide web, and the history of the Internet. Virtualization in cloud computing - Concept of virtualization and cloud services. Network Troubleshooting - Effective network management must address all issues pertaining to hardware, administration and end-user support, software, data management. BOOK 2: COMPUTER NETWORKING BEGINNERS GUIDE Introduction to Computer Networking - Components and classifications of computer networks. The Basics of Network Design - How to configure a LAN, network features, and various responsibilities of network users. Wireless Communication Systems - How a computer network can be optimized, how to enjoy the benefits of Wi-Fi technology, an introduction to CISCO Certification Guide. Network Security - The most common computer network threats and fundamental guidelines on how to steer clear of such menaces. Hacking Network - Basics of hacking in computer networking, definitions, different methods of cybercrime, and an introduction to ethical hacking. Different Hacking Methods - The concept of social engineering and various hacking methods that could put your computer at risk, such as malware, keylogger, trojan horses, ransomware, etc. Working on a DoS attack - What is and how works one of the attacks that a hacker is likely to use to help get into their target's computer. Keeping Your Information Safe - How to keep our wireless network safe and some of the things that a hacker can potentially do. Computer Networking Beginner's Guide for Mastering Computer Networking and the OSI Model Computer Networking 55% DISCOUNT FOR BOOKSTORES! Geared mainly toward beginners readers, the topic of Computer Networking is becoming increasingly important today as companies require more and more professionals who can manage corporate networks.

"Introduction to Computer Networking' is a guide in which you'll understand the basics of Networking (Routers, Switches, IPs, MAC addresses etc) and the Internet (which connects all the devices together). We are going to talk about the Basics of Routers, Switches and how they interconnect devices in order to make computer networks and the Internet work. We're also going to talk about IPv4, IPv6, Network applications and protocols (such as HTTP, DNS, FTP etc.) and why they matter in today's Internet world." -- Amazon.com.

Computer Networking

An Introduction on Wireless Technology and Systems Security to Pass CCNA Exam + a Hint of Linux Programming and Command Line

Networking for Beginners

Beginner's Guide for Mastering Computer Networking and the Computer Networking First Step

***Here is a preview of what you'll learn: \*How the Internet works \*How end devices (such as smart phone, laptops,***

**tablets) communicate in the Internet \* How does our networks work and of how may types are there \*What is a router, a switch, an IP address or a Mac address \*What's the OSI Model and how it helps us\*a breakdown of the 7 layers of the OSI Model \* How can you apply this knowledge in a practical scenario with Cisco devices**

**If you want to know the basics of wireless technology and how you can set up networks and solve the security threats, then keep reading... Whether you want to know how to build a large network or a small one, you always have to start from the basics and this book is full of information in this respect. Anything and everything that you need to know about the world of wireless networks is present in this book. The book has been written keeping in mind all the latest upgrades so that you can stay updated on the facts. It has been composed to serve as a comprehensive guide for all beginners. In this book, you will find that there is a gradual progression towards the more technical aspects of the wireless network so that you can develop a good grip on the preliminary subjects before moving into the depths. Here is a summarized version of all the key points which have been mentioned in this book: Different aspects of wireless networks, their applications, and importance A brief introduction to the world of internet Ways in which you can deal with the common security threats and troubleshooting your Wi-Fi connection Strategies to secure your network from all types of breaches Some common types of wireless networks Even if you are not aware of the basics, don't worry as this book is meant especially for the first-timers and you will start knowing everything right from the beginning. So, stop stressing as all you need to do is take the first step and everything will be laid out in front of you. Now, it's time for you to gear up and brush up on your computer networking skills. All the basic terminologies have been explained too and so there is nothing to feel intimidated about. Are you ready to learn how you can build and secure your network too? All you have to do is scroll up and click on the Buy Now button!**

**Curious about how the Internet works? Well, the Internet is formed of many, many interconnected computer networks. This Computer Networking book is designed for everyone who is willing to learn about all of the great stuff the Internet has to offer. You'll learn all the basics stuff you need to know about computer networking from this book. You'll become extremely familiar with terms like UTP, Ethernet, MAC, IP, TCP & UDP, etc.. It doesn't matter if you are in charge of a small or a large network, at home or at an office, you will learn how to set everything up and how to keep it working. It's the guide to computer networking for every beginner. This book is made out of 13 chapters that will teach you, step by step, how to be successful at Computer Networking. Here's what it will teach you, among other things: What networks are and how they are functioning What you need to set up a network What is Ethernet and how a MAC address works How to configure an IP address on Windows 7**

***to 10 Everything about IP addresses and ports (TCP or UDP) Different network applications Cisco IOS and CLI How does the Routing and Switching process work Why do we need static routes or routing protocols What's the purpose of a VLAN in a network Get this book NOW, and you will not only discover new things you didn't know about computer networking, you will also get the chance to practice correctly the setting up and the maintenance of a network. Tags: Computer Networking, Networking, Computer Networking for Beginners, Computer Networks, Cisco Networking, OSI Model, Computer Networks, Routing Protocols, Cisco IOS, Cisco Featuring step-by-step instructions for installing; configuring; and managing Windows Server 2012; Exchange Server 2013; Oracle Linux; and Apache; this practical resource discusses wired and wireless network design; configuration; hardware; protocols; security; backup; recovery; and virtualization. --***

***A Systems Approach***

***Absolute Beginner's Guide to Networking***

***Beginner's Guide for Mastering Computer Networking and the OSI Model***

***Computer Networking: An Introductory Guide for Complete Beginners***

***Computer Networking: A Top-Down Approach Featuring the Internet, 3/e***

Curious about how the Internet works? Well, the Internet is formed of many, many interconnected computer networks. This Computer Networking book is designed for everyone who is willing to learn about all of the great stuff the Internet has to offer. You'll learn all the basics stuff you need to know about computer networking from this book. You'll become extremely familiar with terms like UTP, Ethernet, MAC, IP, TCP & UDP, etc.. It doesn't matter if you are in charge of a small or a large network, at home or at an office, you will learn how to set everything up and how to keep it working. It's the guide to computer networking for every beginner. This book is made out of 8 chapters that will teach you, step by step, how to be successful at computer networking. Here's what it will teach you, among other things: \* What networks are and how they are functioning \* What you need to set up a network \* What is Ethernet and how a MAC address works \* How to configure an IP address on Windows 7 to 10 \* Everything about IP addresses and ports (TCP or UDP) \* Different network applications \* Cisco IOS and CLI Get this book NOW, and you will not only discover new things you didn't know about computer networking, you will also get the chance to practice correctly the setting up and the maintenance of a network. Tags: Computer Networking, Networking, Computer Networking for Beginners, Computer Networks, Cisco Networking, OSI Model, Computer Networks

Do you want to find out how a computer network works? Do you want to understand what it all takes to keep a network up and running? This book is all you need! When the first computers were built during the second world war,

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they were expensive and isolated. However, after about twenty years, as their prices gradually decreased, the first experiments began to connect computers together. At the time, sharing them over a long distance was an interesting idea. Computers and the Internet have changed this world and our lifestyle forever. We just need to touch a small button and within a fraction of a second, we can make a call, send a file or video message. The major factor that lies behind this advanced technology is none other than computer network. That's why it's important to know how it works! NETWORKING FOR BEGINNERS will help you navigate your way to becoming proficient with the network fundamentals through the following topics: Networking Basics - Types of computer networks, network topologies, and network architecture. Network Hardware - The different network components (routers, hubs, switches, etc.). Network Cabling - The different cabling standards (coaxial, fiber optic cable, twisted-pair copper cable, etc.). Wireless Networking - Fundamental technicalities of wireless technology, how to enjoy the benefits of Wi-Fi technology, and how to set up and configure a computer for wireless connectivity. IP Addressing - Basics of IP addressing, and the different number systems (binary, decimal, and hexadecimal). IP Subnetting - Introduction to concepts of subnetting. Network Protocols - Various protocols of the TCP/IP suite. Internet Essentials - Different terminologies regarding the Internet, the worldwide web, and history of the Internet. Virtualization in cloud computing - Concept of virtualization, its relevance in computer networking and an examination of cloud services. Network Troubleshooting - Effective network management must address all issues pertaining to the following: hardware, administration and end-user support, software, data management. NETWORKING FOR BEGINNERS is an easy-to-read book for anyone hungry for computer networking knowledge. The language used is simple, and even the very technical terms that pop from time to time have been explained in a way that is easy to understand. So, what are you waiting for? Scroll to the top of the page and grab your copy!

**\*\*Buy the paperback version of this book and get the kindle book version for FREE\*\*** Are you going to start a new professional experience, which requires minimum knowledge of computer networking but you have no specific network awareness? Are you simply curious to know how your different electronic devices work together and which technologies are used to make this happen? Certainly, everyone agrees that the Internet, today, is the most important means of communication, not only for the information you can find on different websites. Think of the various email, chat and video communication tools, now available with extreme ease but with the same reliability, thanks to the Internet. You just need to touch a small button and within a fraction of a second, you can send a message or make a call. What lies behind all this? Nothing other than Computer Networks. Learning how computers connect together is not necessarily intended only for professionals. This book is not going to prepare you to receive any formal

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certification but by reading it you will no longer be considered as a training novice in this field and that is for sure. Networking for beginners is an easy and complete guide for those beginners willing to know the basics of networking with no high-level paradigms. This book will explain to you in a simple way: How the internet works and what are the basic networking concepts; What are the different types of networking; What are the networking levels, layers and protocols and why they are needed; Interesting final notes on machine learning and on other new crucial technologies. If you are not a Tech guy but you want to start and learn the networking basics in a simple way, scroll up to this page and push the BUY now button.

The best guide to computer networking fundamentals; this book will give you a solid foundation if you're new to computer networking. Computer networking is a very important field in our connected world. It is essential to businesses, institutions, and individuals. Billions of devices communicate daily via computer networks, but do you know how this really works? Well, that's what this book is for; it will give you a strong foundation on which to build your computer networking knowledge. The concepts have been written in a way that is easy to read and understand, so if you're a beginner in this subject, then this is the book to read. It will put you on the right track as you delve into this valuable and ever-evolving field. It's via computer networks that we can share files, apps, and devices such as printers and scanners, as well as communicate using emails, newsgroups, video conferencing, etc. Computer networking also promises to be a good career option for many more years. With this book, master the fundamentals today. Below is a preview of what you'll learn: The fundamentals of computer networks Network architecture The OSI Model (Application Layer, Presentation Layer, Session Layer, Transport Layer, Network Layer, Data Link Layer, Physical Layer) Wireless and cellular networks Networks and multimedia Integrating and transporting multimedia using networks Fundamentals of network security Managing networks Network administration Infrastructure management And much more! Learn the fundamentals of computer networking today by clicking the BUY NOW button at the top of the page!

A beginner's guide to searching, analyzing, and securing digital evidence

An Easy Approach to Learning Wireless Technology, Social Engineering, Security and Hacking Network, Communications Systems (Including CISCO, CCNA and CCENT)

Fundamentals for Absolute Beginners

The Complete Basic Guide to Master Network Security, Computer Architecture, Internet, Wireless Technology, and Communications Systems

Ultimate Guide To Master Communication System Including Cisco And Ccna, Wireless And Cloud Technology, System

## Security Administration And Ip Subnetting

*Keeping this high-demand information from yourself will be detrimental to your technologically-clueless future self... Do you feel insecure about the extent of your computer knowledge and find it difficult to contribute anything useful in a conversation about technology? Do computers and technology, in general, feel alien-like to you, as if it's something way past your time? The advancements made in technology have taken over how our society functions, and so there's no other way to deal with your shortcomings than to handle it head-on. According to TechCo, technology has influenced nearly every aspect of our daily lives, resulting in: Improved communication Improved forms of home entertainment Improved housing and lifestyle standards An altered healthy industry More convenient tools for education And last, but certainly not least: Easier travel, both short and long distances It's incredible to think there are people who have made all these things possible, yet, don't you want to know more about what's happening on the inside of it all? Start with computers. More specifically, computer networking. The next couple of questions swirling around in your head may now be, "Why computer networking? What even is computer networking exactly?" In a nutshell, it's a form of communication that allows for the sharing of resources from one device to another and without computer networking, none of the technology we have today could have been attained. Starting with the basics, you will be able to work your way up to become a computer whiz and be the one people turn to for computer advice. In Computer Networking, you will discover: The fundamental elements essential to creating your network, including why each of them is so important to your start-up A thorough explanation of the networking terms you need to know, written in plain English for easy comprehension How the Internet has had a revolutionary impact on our society, as well as what you can do to keep up with this undeniable part of our lives The best type of cable to use according to your networking needs The type of network you should not be using if you want to keep maintenance at its minimal level The 4 main types of wireless networks you should know, along with what factors can interfere with the consistency of these connections The #1 aspect of computer networking that can present a critical threat to your valuable data if not taken seriously And much more. Knowing your way around computers and how to utilize it for communication is a skill set required at almost every workplace you can find in the modern world, yet that fact is not something you should fear. Use it rather for motivation. The more skill sets you develop, the more opportunities you open for yourself. So with that being said, there's no better time than the present to begin your journey towards a well-informed, technologically-gifted you. Join the other side and finally be the one who's able to correct others about their computer knowledge... If you want to overcome your computer phobia and discover the endless opportunities computer networking has in store, then you need this book today!*

*Make the most of your new Windows® 10 notebook or desktop computer—without becoming a technical expert! This book is the fastest way to get comfortable, get productive, get online, get started with social networking, make more connections, and have more fun! Even if you've never used a Windows computer before, this book shows you how to do what you want, one incredibly clear and easy step at a time. Computer basics have never, ever been this simple! Who knew how simple using*



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*computers could be? This is today's best beginner's guide to using your computer or tablet with the new Windows 10 operating system...simple, practical instructions for doing everything you really want to do!*

*Do you know the fundamentals of computer networking? Do you want to know how to keep your network safe? This easy-to-use guide is all you need! In large companies, computers in the workplace need to be connected to a single unit to get work done. Whether it's a company or some other shared hub, computers need to be able to share resources to accomplish goals. Building these networks requires skill, so understanding computer networks is key for getting these connections built. Network addresses must be set and approved. Network connections need to be sure. Building these types of networks requires a lot of thought, but with the right knowledge, you can provide your geographic area and beyond with safe, reliable networked devices. Whether it's the local area network for your company or the wired network in your home, you'll need some knowledge to get it started. COMPUTER NETWORKING BEGINNERS GUIDE will help you to get this knowledge through the following topics in a simple, easy-to-follow teaching approach: Introduction to Computer Networking - Needs of a real beginner in computer networking: components and classifications of computer networks, network architecture, physical topology, etc. The Basics of Network Design - How to configure a LAN, network features and various responsibilities of network users. Wireless Communication Systems - How a computer network can be optimized, how to enjoy the benefits of Wi-Fi technology, how to set up and configure a computer for wireless connectivity, plus an introduction to CISCO Certification Guide. Network Security - The most common computer network threats and fundamental guidelines on how to steer clear of such menaces. Hacking Network - Basics of hacking in computer networking, definitions, different methods of cybercrime, and an introduction to ethical hacking. Different Hacking Methods - The concept of social engineering and various hacking methods that could put your computer at risk, such as malware, keylogger, trojan horses, ransomware, etc. Working on a DoS attack - One of the attacks that a hacker is likely to use to help get into their target's computer is a denial of service attack or DoS attack. This chapter analyzes how this attack works. Keeping Your Information Safe - Some of the steps that we can take to keep our wireless network safe and some of the things that a hacker can potentially do. COMPUTER NETWORKING BEGINNERS GUIDE is an easy-to-read book for anyone hungry for computer networking knowledge. The language used is simple, and even the very technical terms that pop from time to time have been explained in a way that is easy to understand.*

*This new edition gives readers the ability and understanding necessary to create and administer a network. The book shows the reader how to physically connect computers and other devices to a network and access peripherals such as printers over the network.*

*Computer Networks*

*Computer Networking for Beginners*

*Everything You Need to Know about Computer Networking and How the Internet Works*

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### *The Essential Guide To Networking To Introduce Yourself To The Computer Network Through a Top-down Approach And Various Infrastructures*

Do you want to learn the basic concepts to build your computer network in a simple and effective way? read on. We are more than happy to present our latest product: "COMPUTER NETWORKING BEGINNERS GUIDE" - a comprehensive guide for any newcomer interested in understanding the operation of computer networks and telecommunications technology in general. A computer network is a type of telecommunications network characterized by a set of hardware devices with appropriate switching software, nodes connected to each other by special communication channels (links), such as to provide a communication service that allows the exchange and sharing of data and communication between multiple users or devices. The data is transferred as a PDU (Packet Data Unit), consisting of a header (which contains the data for sending the message) and a body (which contains the body of the message), all governed by strict protocols. To create a computer network it is necessary to know all the basic concepts so that the network is efficient and above all safe from possible external attacks. Whether you are responsible for a small network or a large network, this book is full of information needed to create a network and keep it running. Becoming a network owner has never been easier. This is the basic guide to creating, managing and protecting a successful network. It is the network guide for every beginner. When you finish reading this book you will learn ALL the basic concepts for an efficient and secure network. .... and much more, Topics: Wireless communication technologies Mobile communication systems The challenges of wireless technology Network protocols Wireless technology security Wireless network security features Security issues in wireless networks Wireless computer network architecture Security architecture Wireless cellular networks Communication and network systems Cisco, CCNA Systems. The OSI model Wireless network applications Wired network components What are you waiting for? Get your copy NOW!!

Do you want to learn how to set up a new network for your home or business place and get the best performance of your network? Do you want to learn about Network Mode Security? If so then keep reading. In this tech-savvy world of today, everyone is looking out for speed in their life. There were days when a single message used to take many days to get delivered to the recipient. Today, with the advent of networking and the internet, people can easily send out data packets of their need. The various forms of internet communication have also changed the whole concept of communication across a long distance. Networking has adapted the concepts of wireless functioning which have helped in wiping out various redundancies. The wired form of network is still in use owing to its special features and working capabilities. Networking is a complex concept and if done right it can do wonders. Having a brief overview of the networking concepts is very essential for setting up a new network or for improving the functionality of an existing network. The chapters of this book have been arranged in a very unique way that will provide you with the answers to all your questions regarding networking and all that you need for creating a new network. You will learn: The basic format of networking The successful networking processes The master controller who holds all necessary information required by the recipient The necessary components of networking The types of networks Wireless Networking Peer to Peer Connection OSI Model Network Mode Security Circuit

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and Packet Switching FTP - File Transfer Protocol ...and more! You need to start from the very beginning in order to set up a brand new network. It might turn out to be a tiresome job but try to stay attentive at each and every step you take as even a slight mistake or error can make a network non-functional. So, if you are interested in the various aspects of Networking along with its various components, Networking for Beginners: The Complete Guide to Computer Network Basics, Wireless Technology and Network Security is something that you really need to possess. Scroll up and click the Buy Now button and feel like a master of networking within a few days!

Computer Networks: A Systems Approach, Fifth Edition, explores the key principles of computer networking, with examples drawn from the real world of network and protocol design. Using the Internet as the primary example, this best-selling and classic textbook explains various protocols and networking technologies. The systems-oriented approach encourages students to think about how individual network components fit into a larger, complex system of interactions. This book has a completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, network security, and network applications such as e-mail and the Web, IP telephony and video streaming, and peer-to-peer file sharing. There is now increased focus on application layer issues where innovative and exciting research and design is currently the center of attention. Other topics include network design and architecture; the ways users can connect to a network; the concepts of switching, routing, and internetworking; end-to-end protocols; congestion control and resource allocation; and end-to-end data. Each chapter includes a problem statement, which introduces issues to be examined; shaded sidebars that elaborate on a topic or introduce a related advanced topic; What's Next? discussions that deal with emerging issues in research, the commercial world, or society; and exercises. This book is written for graduate or upper-division undergraduate classes in computer networking. It will also be useful for industry professionals retraining for network-related assignments, as well as for network practitioners seeking to understand the workings of network protocols and the big picture of networking. Completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, security, and applications Increased focus on application layer issues where innovative and exciting research and design is currently the center of attention Free downloadable network simulation software and lab experiments manual available

Would you like to have the ability to understand today's technology and how it was created? Maybe you already know something about computer networking and want to improve your knowledge and skill? Or maybe are the kind of person who doesn't know a thing about computer technology and wants to accumulate some knowledge about it? If your answer is "Yes" to at least one of these questions, then keep reading... We are super excited to represent our newest product: "COMPUTER NETWORKING" - a complete bundle book for people of all levels who want to learn how computer networking works and how to use it to your advantage. The first networks of computer were created not a long time ago, in early 1950s, were used in the U.S military, and they were growing ever since. These days we are miles ahead of what was created decades ago. Our goal was to create a product that is going to help people to understand and learn the basic science of computer networking. Also to understand the importance of computer networking in our everyday life and how to use all the benefits it provides. Now, let's take a look at only a few things you will get out of this book: Complete step-by-

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step computer networking guide Practical advice on every system you can use Complete networking planning guide Understanding of every industry networks can be used in Breath history of all computer networks How to use internet to its full potential (complete guide) Many many more Here you have it. If you came until this point you are more than ready to start and dive deep into the world of computer networking. ★★ ★ Take action now, scroll up, click on "Buy Now" and start reading! ★★ ★

Introduction to Networking

Computer Networking Beginners Guide

Complete Guide To Computer Networking For Beginners And Intermediates

How the Internet Works

The Complete Guide to Computer Network Basics, Wireless Technology and Network Security

**Get up and running with collecting evidence using forensics best practices to present your findings in judicial or administrative proceedings Key Features Learn the core techniques of computer forensics to acquire and secure digital evidence skillfully Conduct a digital forensic examination and document the digital evidence collected Analyze security systems and overcome complex challenges with a variety of forensic investigations Book Description A computer forensics investigator must possess a variety of skills, including the ability to answer legal questions, gather and document evidence, and prepare for an investigation. This book will help you get up and running with using digital forensic tools and techniques to investigate cybercrimes successfully. Starting with an overview of forensics and all the open source and commercial tools needed to get the job done, you'll learn core forensic practices for searching databases and analyzing data over networks, personal devices, and web applications. You'll then learn how to acquire valuable information from different places, such as filesystems, e-mails, browser histories, and search queries, and capture data remotely. As you advance, this book will guide you through implementing forensic techniques on multiple platforms, such as Windows, Linux, and macOS, to demonstrate how to recover valuable information as evidence. Finally, you'll get to grips with presenting your findings efficiently in judicial or administrative proceedings. By the end of this book, you'll have developed a clear understanding of how to acquire, analyze, and present digital evidence like a proficient computer forensics investigator. What you will learn Understand investigative processes, the rules of evidence, and ethical guidelines Recognize and document different types of computer hardware Understand the boot process covering BIOS, UEFI, and the boot sequence Validate forensic hardware and software Discover the locations of common Windows artifacts Document your findings using technically correct terminology Who this book is for If you're an IT beginner, student, or an investigator in the public or private sector this book is for you. This book will also help professionals and investigators who are new to incident response and digital forensics and interested in making a career in the cybersecurity domain.**

**Do you want to find out how a computer network works? Do you want to understand what it all takes to keep a home or office network up and running? This book is all you need! It will help you navigate your way to becoming proficient with network fundamentals and technology. When the first computers were built during the Second World War, they were expensive and isolated. However, after about twenty years, as their prices gradually decreased, the first experiments began to connect computers together. At the time, sharing them over a long distance was an interesting idea. Computers and the Internet have**

changed this world and our lifestyle forever. We just need to touch a small button and within a fraction of a second, we can make a call, send a file or video message. The major factor that lies behind this advanced technology is none other than computer network. That's why it's important to know how it works! Networking for Beginners covers the following topics: Networking Basics - This chapter considers the needs of a real beginner in computer networking and covers the following crucial topics: definition of computer networking, types of computer networks, network topologies, and network architecture. Network Hardware - A comprehensive discussion on different network components that include routers, hubs, switches, etc. Network Cabling - This chapter discusses the different cabling standards include coaxial, fiber optic cable, and twisted-pair copper cable. Wireless Networking - Fundamental technicalities of wireless technology that is of great significance to the entire computer networking discipline. This chapter offers important information on how to enjoy the benefits of Wi-Fi technology and how to set up and configure a computer for wireless connectivity. IP Addressing - This chapter pays great attention to the basics of IP addressing, and the different number systems (binary, decimal, and hexadecimal) IP Subnetting - Introduction to concepts of subnetting. Network Protocols - Various protocols of the TCP/IP suite. Internet Essentials - Different terminologies regarding the Internet, the worldwide web, and the history of the Internet. Virtualization in cloud computing - Concept of virtualization, its relevance in computer networking, and an examination of cloud services. Network Troubleshooting - This chapter considers troubleshooting as a top management function. NETWORKING FOR BEGINNERS is an easy-to-read book for anyone hungry for computer networking knowledge. The language used is simple, and even the very technical terms that pop from time to time have been explained in a way that is easy to understand.

Are you looking for a guide to learn the basics of a computer network? This book is for you! Before the advent of the wireless technology era, the existing communication technologies were primarily powered by wired technology. From the telephone to the fax machine, communication was not possible without a physical connection between the communication device and the source of the power of the device. For instance, there had to be a connection between a wired telephone and the dial board for communication to be possible. Just as with every other wired device, wireless communication has successfully displaced wired communication. The term wireless communication came into existence in the 19th century. Over the years, wireless communication technology has taken a new dimension. It ranks among the best mediums of information transmission from one device to other devices. This is not unconnected to the ease with which it allows users to communicate with others even if they are operating from a remote area. There are tons of devices that have been adapted for wireless communications. They include GPS, cordless phones, satellite television, Wi-Fi, and some other wireless computer parts. Recently, both the 3 and 4G networks have been included in the list alongside Bluetooth. This guide will cover the following topics: Wireless hardware and standard Subnetting Reminders and Tips Wireless Technologies Managing Routers and Switches Advanced Configurations IPv6 vs IPv4 The Internet's big arena Moving the Router Cabling the Network Subnetting Basics IPv6 Subnetting Scaling Networks... AND MORE! Buy this guide NOW to have the keys of networking with you and organize your computer network! Scroll to the top of the page and select the BUY NOW button...