

## STUDY GUIDE FOR MODULE NO. 2

## Unit 2 – Types of Computer Network



## MODULE OVERVIEW

In this module we will discuss the various types of computer networks available. We can classify them according to their size as well as their purpose. The size of a network has to be expressed by the geographic area and number of computers, which are a part of their networks. It includes devices housed in a single room to millions of devices spread across the world.



## MODULE LEARNING OBJECTIVES

At the end of this, students are expected to:

1. Enumerate and describe the different types of computer network and its implementation.



## LEARNING CONTENTS Types of Network)

## Types of Network

1. LAN – Local Area Network (Figure 1)
2. WAN – Wide Area Network (Figure 2)
3. MAN – Metropolitan Area Network (Figure 3)
4. PAN – Personal Area Network (Figure 4)

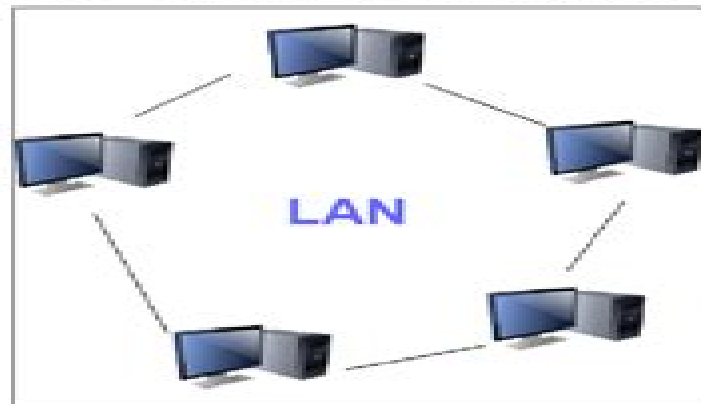


Figure1. LAN  
(source: guru99.com)

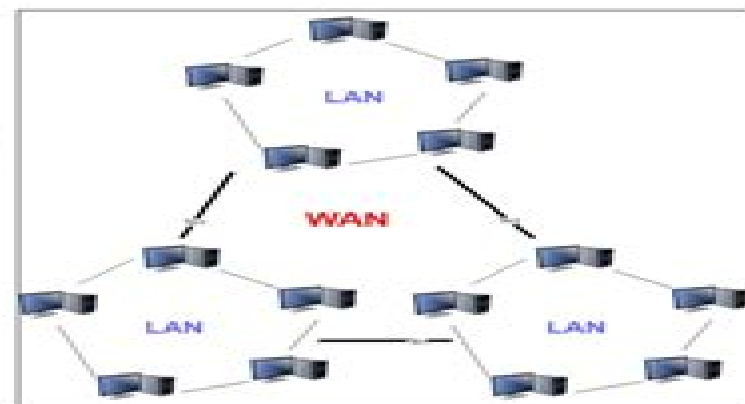


Figure1. WAN  
(source: guru99.com)

# Computer Networking Study Guide

**Huawei Technologies Co., Ltd.**



## Computer Networking Study Guide:

**Cisco Networking Essentials** Craig Berg, 2020-06-15 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     [Networking Basics](#) Shawn McReynolds, 2007 The completely revised and only authorized Labs and Study Guide for the Cisco Networking Academy Program CCNA 1 curriculum A portable classroom resource that supports the topics in the CCNA 1 curriculum aligning 1 1 with course

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**HCNA Networking Study Guide** Huawei Technologies Co., Ltd.,2016-07-04 This book is a study guide for Huawei HCNA certification It has been written to help readers understand the principles of network technologies It covers topics including network fundamentals Ethernet various protocols such as those used in routing and Huawei s own VRP operating system all essential aspects of HCNA certification Presenting routing and switching basics in depth it is a valuable resource for information and communications technology ICT practitioners university students and network technology fans

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