CISCO CCNA NETWORKING FOR BEGINNERS

The Ultimate Beginners Crash Course To Learn Cisco Quickly And Easily

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By Adam Vardy

Introduction

I want to thank you and congratulate you for downloading the book, *"Cisco CCNA Networking for Beginners"*.

Reading this book is only the start of an amazing journey to the world of computer networking as you gear up yourself to pass the Cisco CCNA Routing & Switching 200-120 Exam. This exam is a composite exam and it is a requirement in becoming a Certified Cisco Network Associate.

This book contains the most important topics that frequently appear in the CCNA Exam. The world of computer networking is more complicated than the concepts and principles contained within this book. Many of them are not covered by the CCNA Exam, but still you need to learn and master them if you want to become a reliable network administrator. Consider this book as your study guide that could help you understand the major concepts, primarily when it comes to Cisco Routing & Switching. For detailed examples and more strategies, you must always refer to Cisco official references.

Thanks again for downloading this book. I hope you enjoy it!

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Chapter 1 – Networks and their Building Blocks

This chapter will help you understand the fundamental concepts of network: the different types of networks and the devices used in networks. Then, you will learn more about the TCP/IP model and the OSI reference model. These models are crucial to understand not only to pass the CCNA exam, but also to establish underlying concepts that could help your career as a network specialist. In addition, you will also learn about Ethernet Technologies, Network Applications, and Cisco Three Layer Model, which was designed by Cisco to help professionals in designing, implementing, and troubleshooting networks.

Introduction to Networks

A network is a group of interconnected devices such as printers, computers, servers, etc. To understand why networks are crucial, you need to look back to the time when networks were non-existent. Consider a large company that