

Part 1

NETWORK TECHNOLOGY

Introduction

This series of textbooks has been developed based on the Information Technology Engineers Skill Standards made public in July 2000. The following four volumes cover the whole contents of fundamental knowledge and skills required for development, operation and maintenance of information systems:

- No. 1: Introduction to Computer Systems
- No. 2: System Development and Operations
- No. 3: Internal Design and Programming--Practical and Core Bodies of Knowledge--
- No. 4: Network and Database Technologies

This part gives easy explanations systematically so that those who are learning network technology for the first time can easily acquire knowledge in these fields. This part consists of the following chapters:

- Part 1: Network Technology
 - Chapter 1: Protocols and Transmission Control
 - Chapter 2: Encoding and Transmission
 - Chapter 3: Networks (LAN and WAN)
 - Chapter 4: Communication Equipment and Network Software

