



Technology in Action

EIGHTEENTH EDITION

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18th Edition Global Edition

Technology in Action

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Technology in Action, Global Edition -(Perpetual Access)

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Dig Deeper: Connection-Oriented Versus Connectionless Protocols

Domain Names

Objective 13.5 Discuss how a numeric IP address is changed into a readable name

Try This: Ping Me

Make This: Tool: App Inventor 2

Part 2: Coding and Communicating on the Internet

Learning Outcome 13.2 You will be able to describe the web technologies used to develop web applications

Web Technologies

Web Development

Objective 13.6 Compare and contrast a variety of web development languages

Bits&Bytes: CodePen: An Editing Community for Web Designers

Application Architecture

Objective 13.7 Compare and contrast server-side and client-side application software

Sound Byte: Client-Side Web Page Development
Bits&Bytes: Editors for Web Development

Communications over the Internet

Types of Internet Communication

Objective 13.8 Discuss the mechanisms for communicating via e-mail and instant messaging

Bits&Bytes: Al and Your Inbox

Encryption

Objective 13.9 Explain how data encryption improves security

Bits&Bytes: Random Numbers: We Wouldnt Have Encryption Without Them!

Helpdesk: Keeping E-Mail Secure

Ethics In It: Do We Really Want Strong Encryption?

Trends In It: Cognitive Computing
Solve This: Creating an HTML Document

Appendix A: The History of the Personal Computer

Appendix B: Careers in IT

Glossary

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