CCSP (ISC)2 Certified Cloud Security Professional: Exam Guide

Preface:

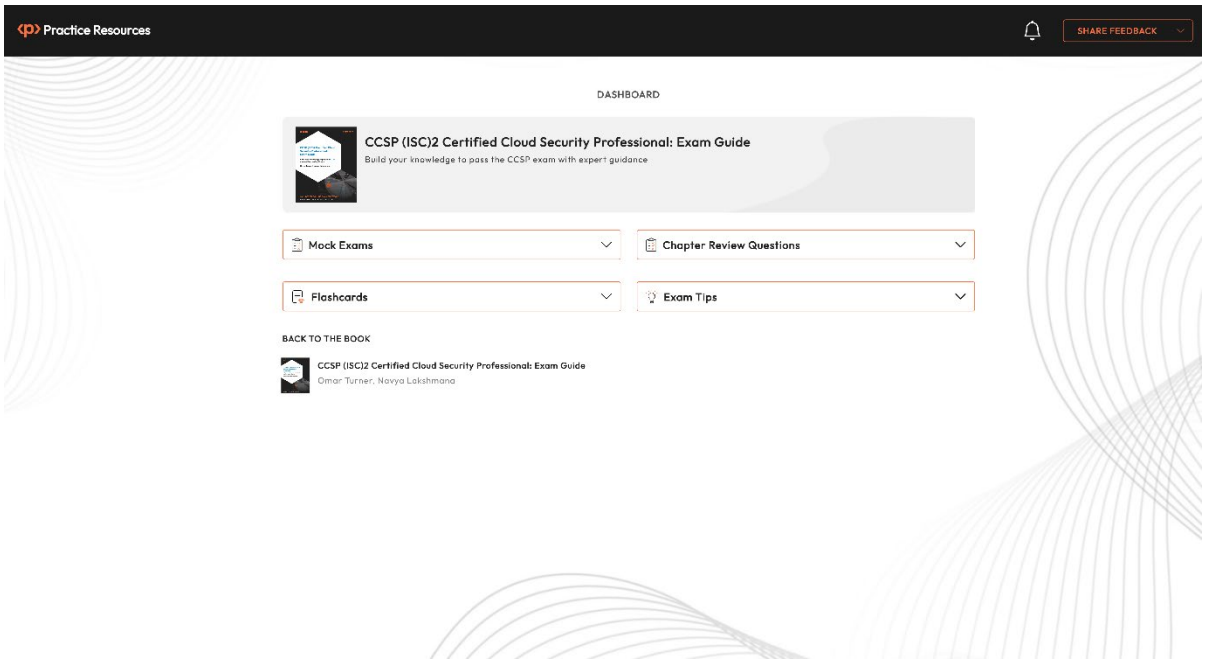

Figure 0.1 – Online exam-prep platform on a desktop device

Chapter 1: Core Cloud Concepts

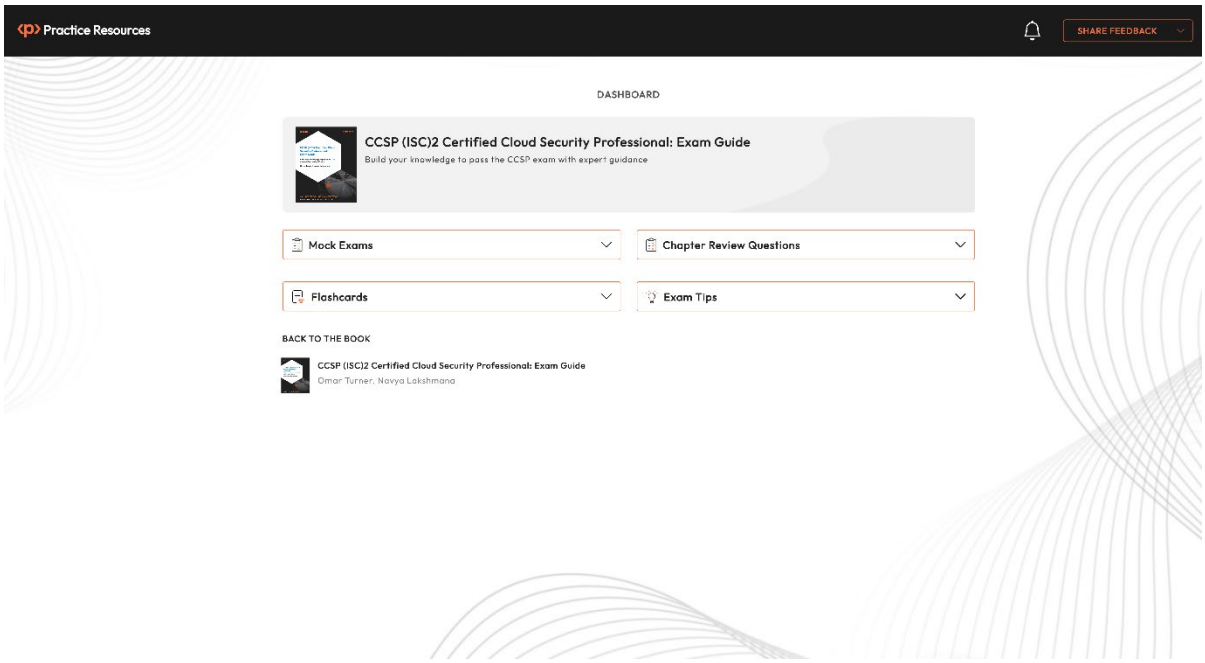

Figure 1.1 – Dashboard interface of the online practice resources

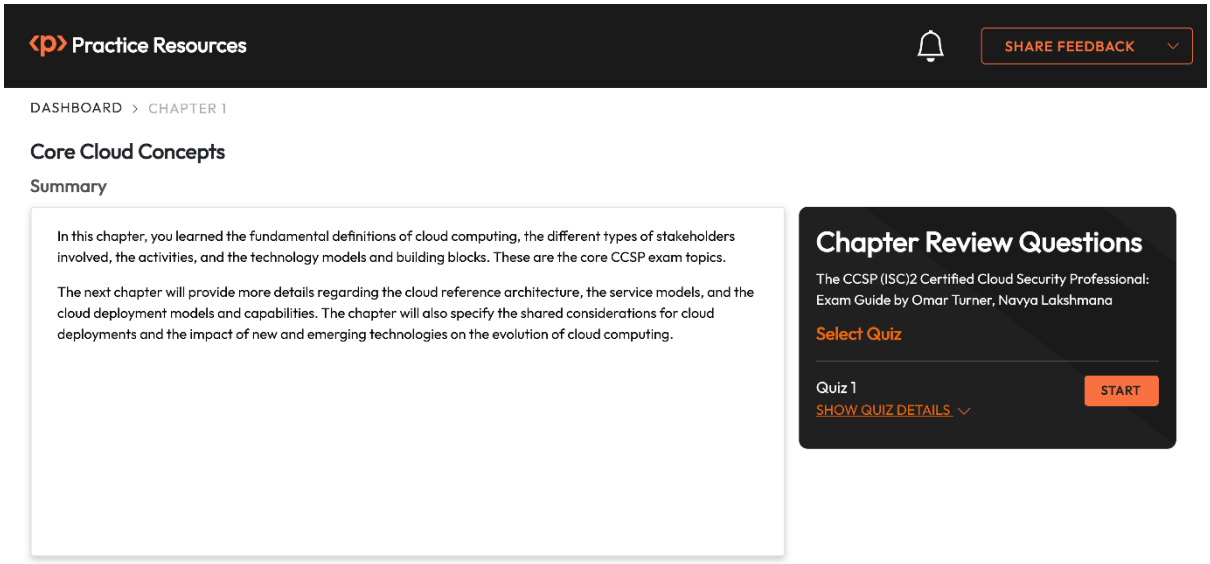

Figure 1.3 – Chapter Review Questions for Chapter 1

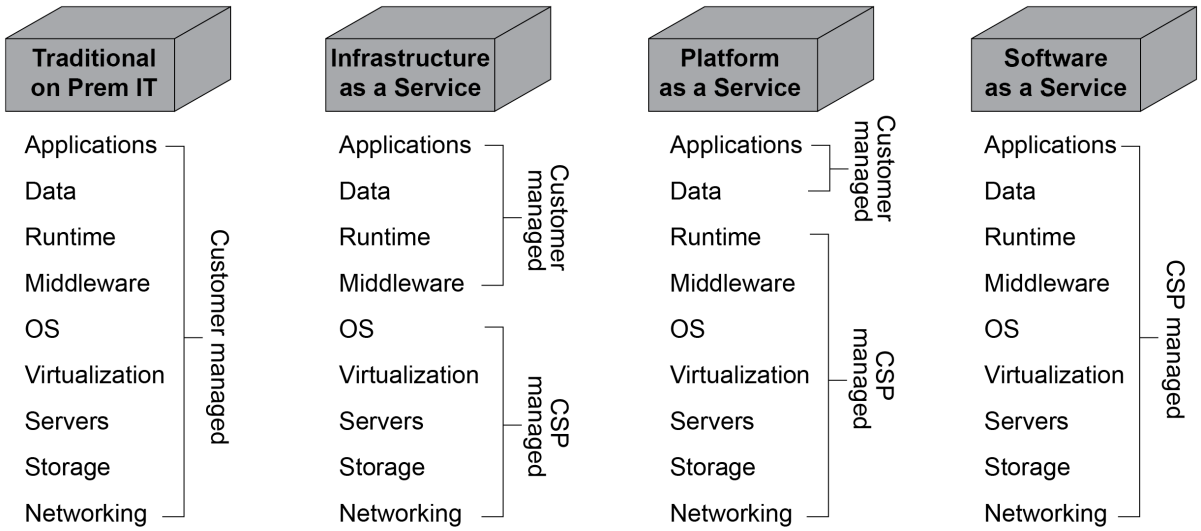

Figure 2.1 – Cloud service models with SaaS built on top of IaaS and PaaS

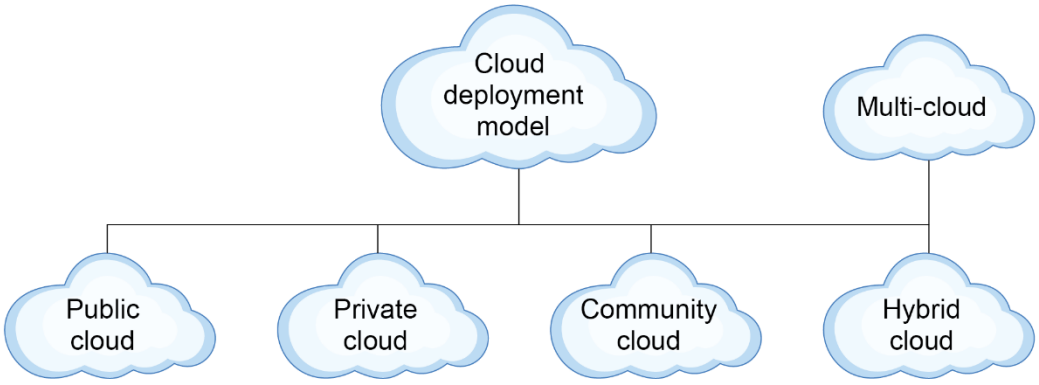

Figure 2.2 – Cloud deployment models

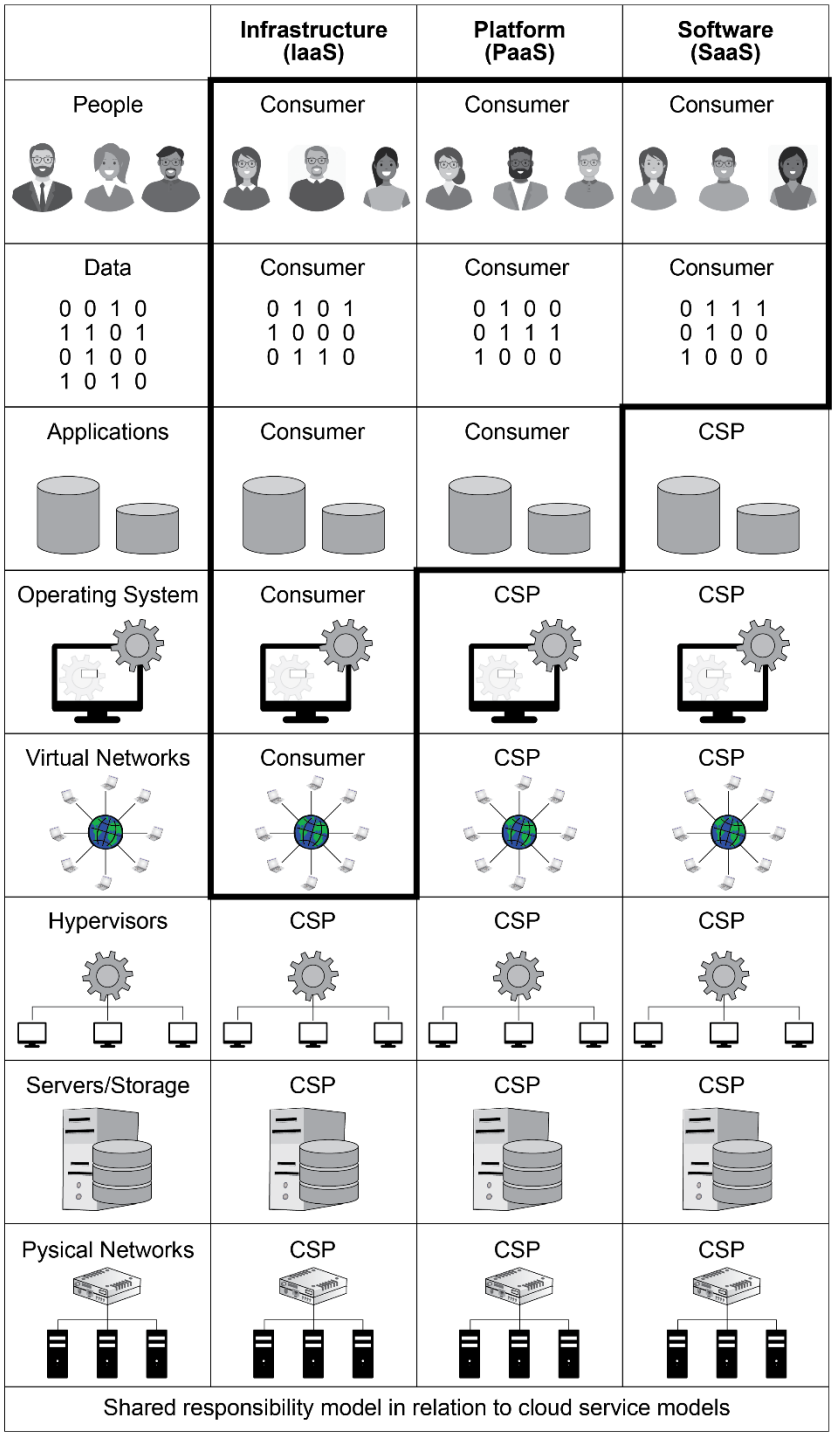

Figure 2.3 – Shared responsibility model in relation to cloud service models

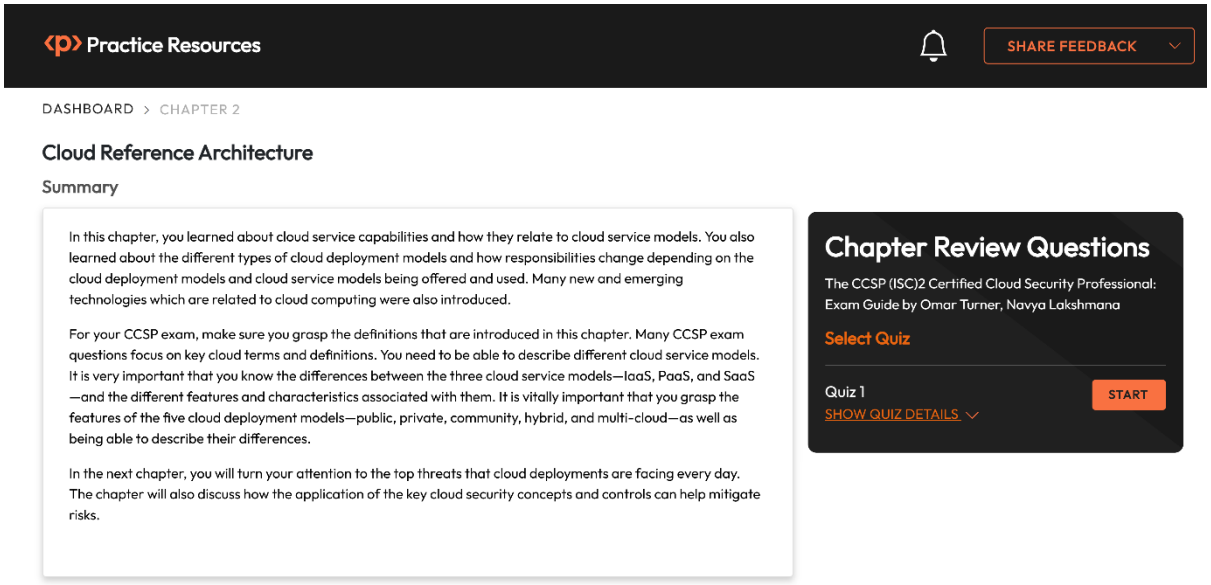

Figure 2.5 – Chapter Review Questions for Chapter 2

Chapter 3: Top Threats and Essential Cloud Security Concepts and Controls

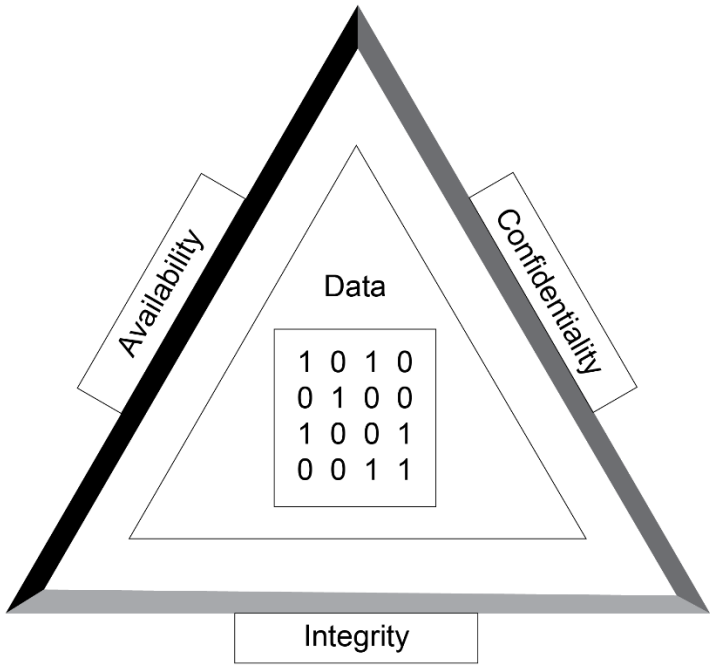

Figure 3.1 – The CIA triad showing the three information security concepts

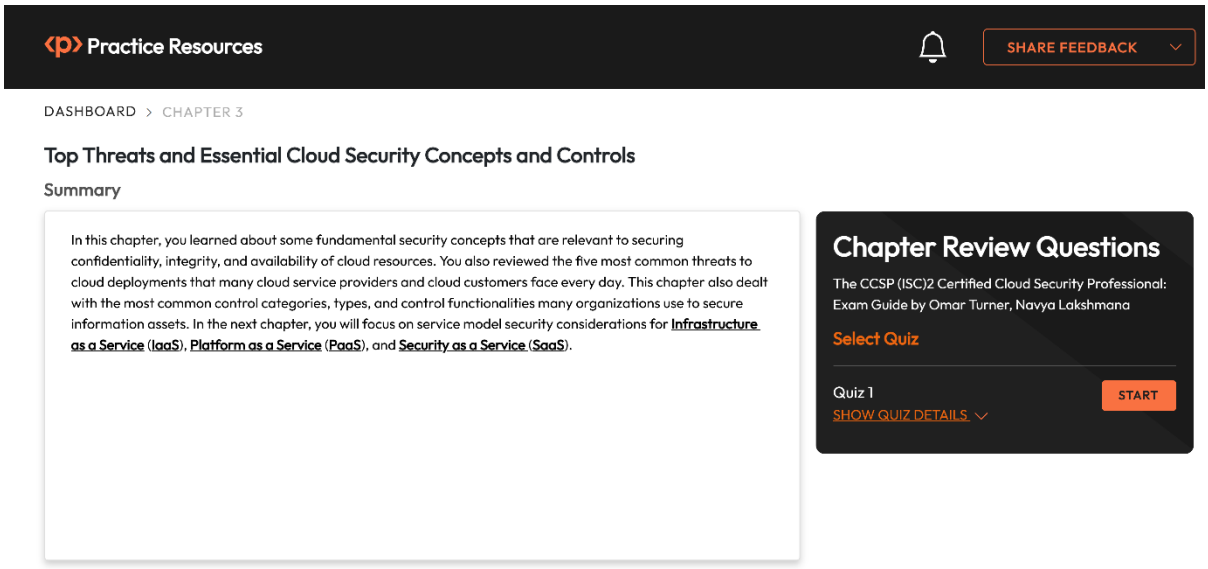

Figure 3.3 – Chapter Review Questions for Chapter 3

Chapter 4: Design Principles for Secure Cloud Computing

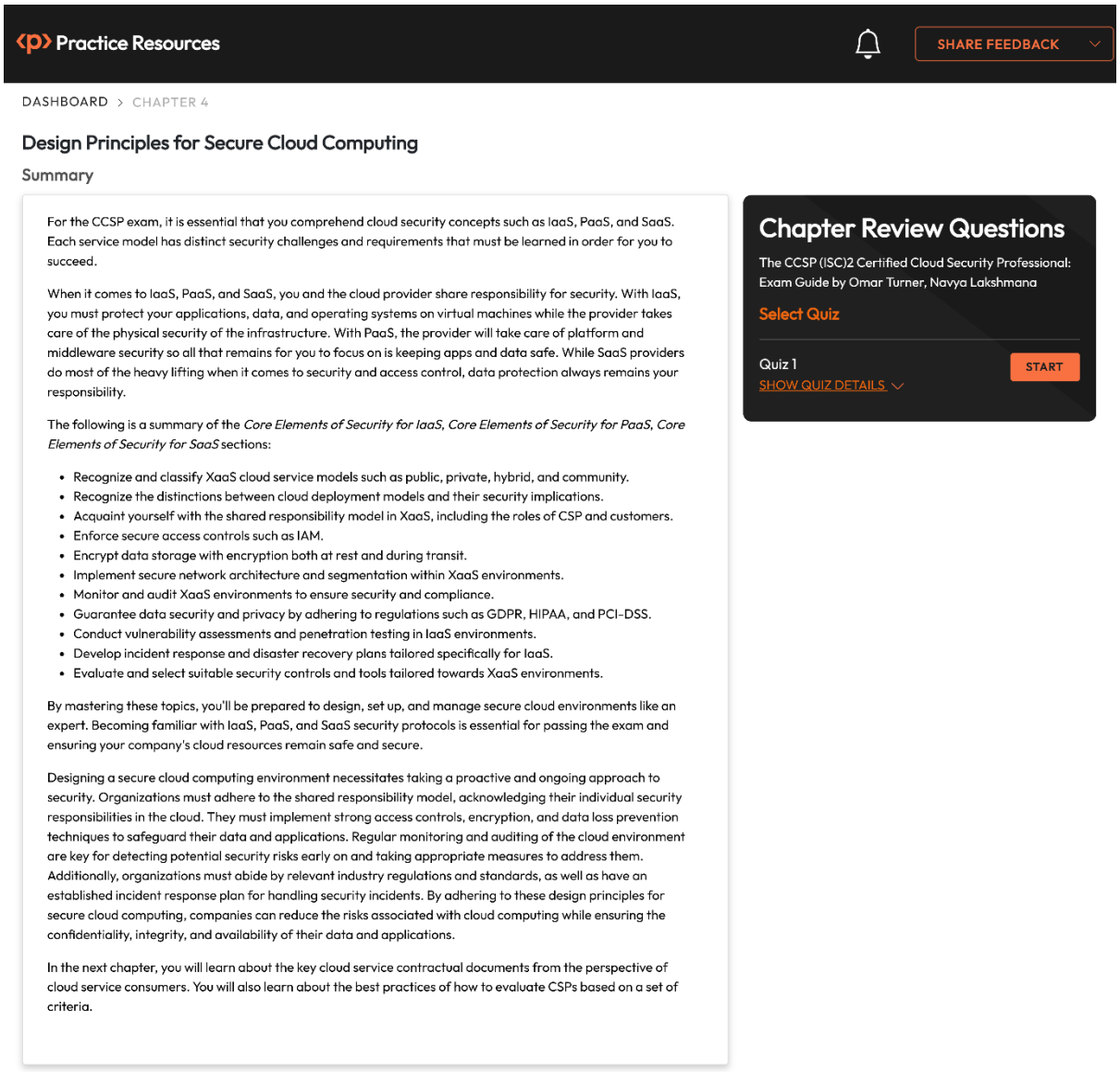

Figure 4.2 – Chapter Review Questions for Chapter 4

Chapter 5: How to Evaluate Your Cloud Service Provider

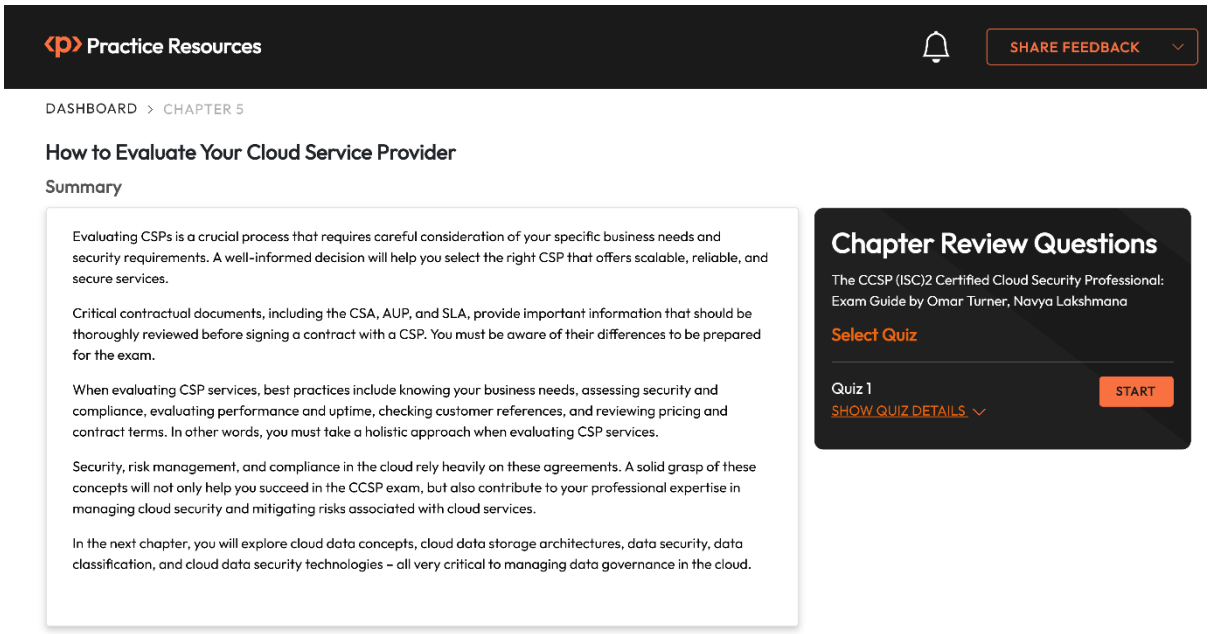

Figure 5.2 – Chapter Review Questions for Chapter 5

Chapter 6: Cloud Data Security Concepts and Architectures

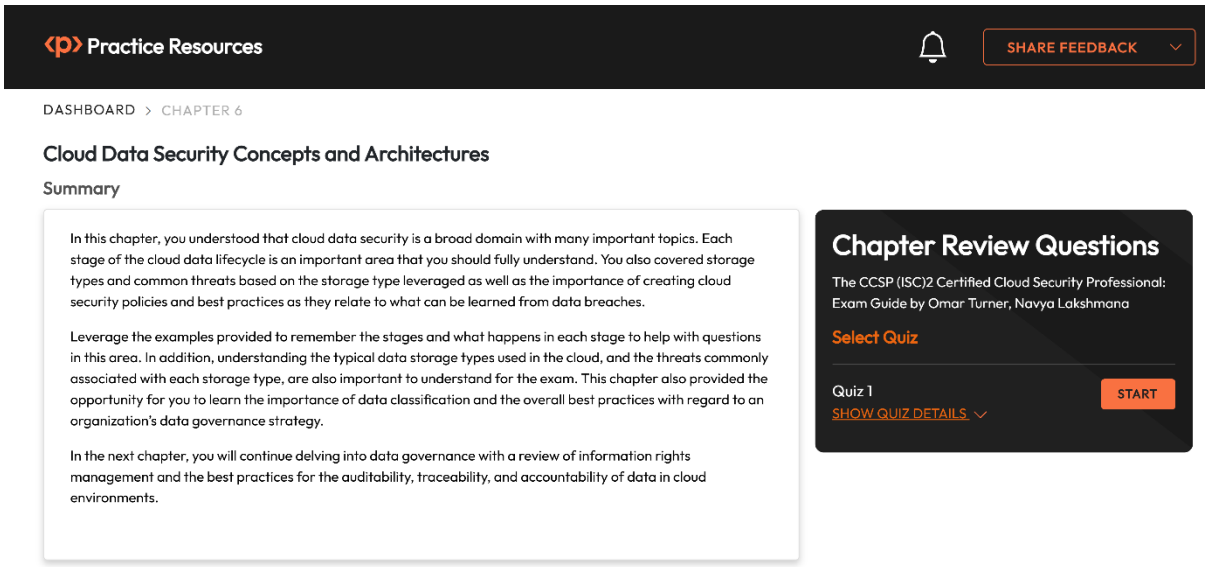

Figure 6.2 – Chapter Review Questions for Chapter 6

Chapter 7: Data Governance Essentials

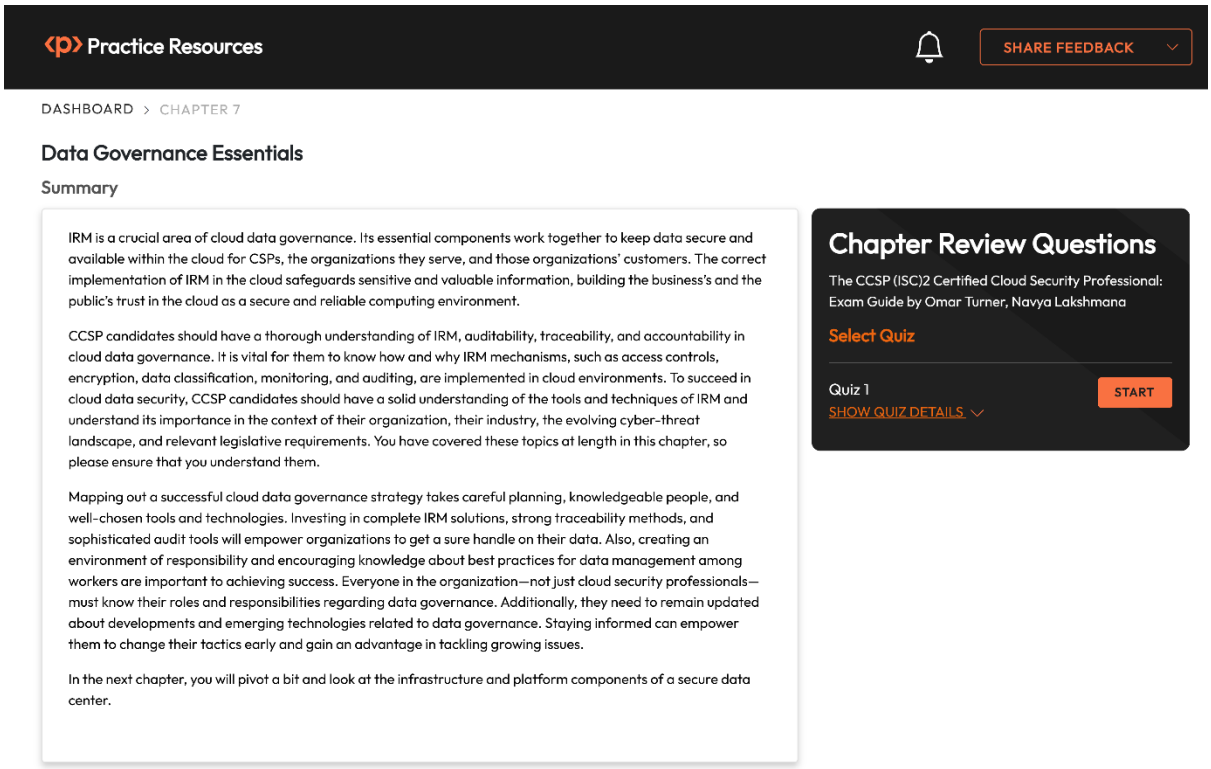

Figure 7.2 – Chapter Review Questions for Chapter 7

Chapter 8: Essential Infrastructure and Platform Components for a Secure Data Center

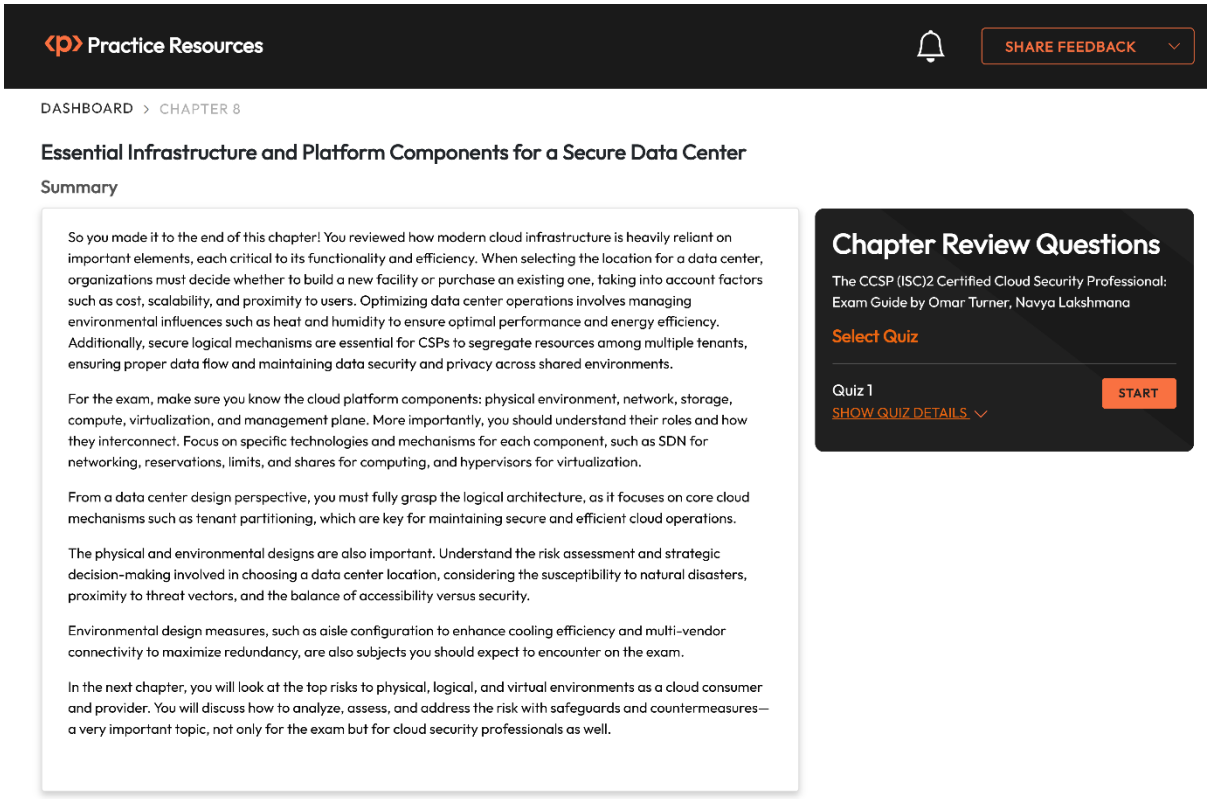

Figure 8.2 – Chapter Review Questions for Chapter 8

Chapter 9: Analyzing Risk

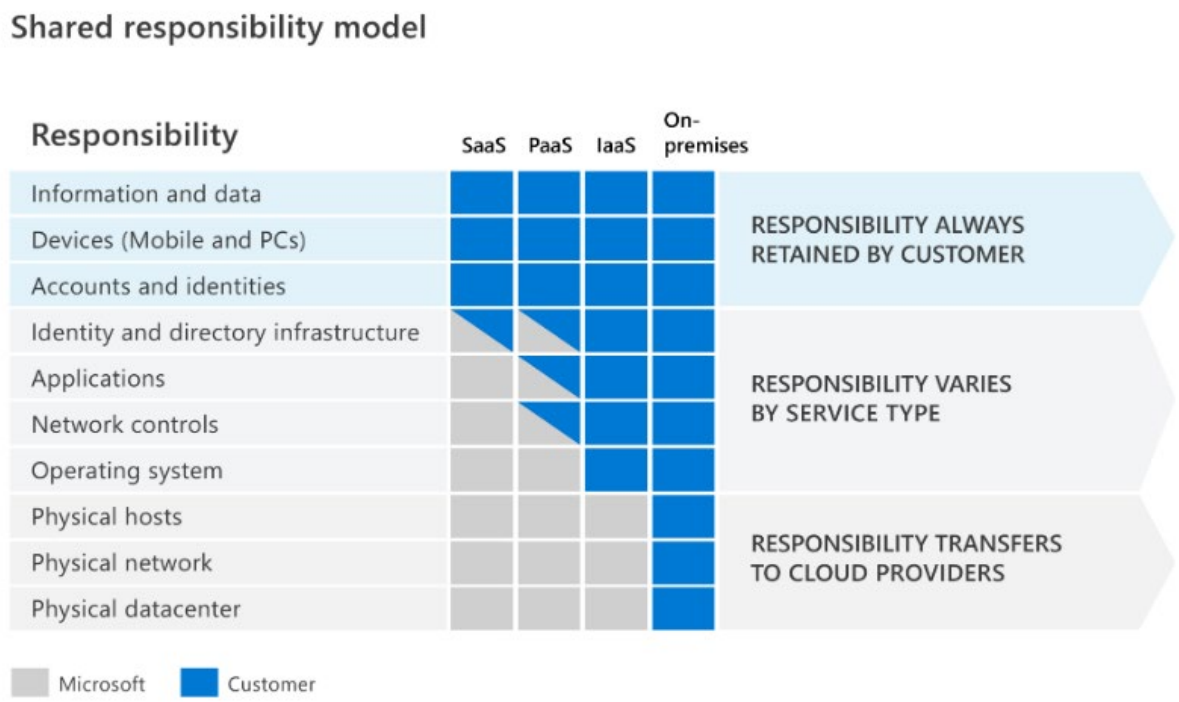

Figure 9.1 – Understanding the shared responsibility model in cloud security

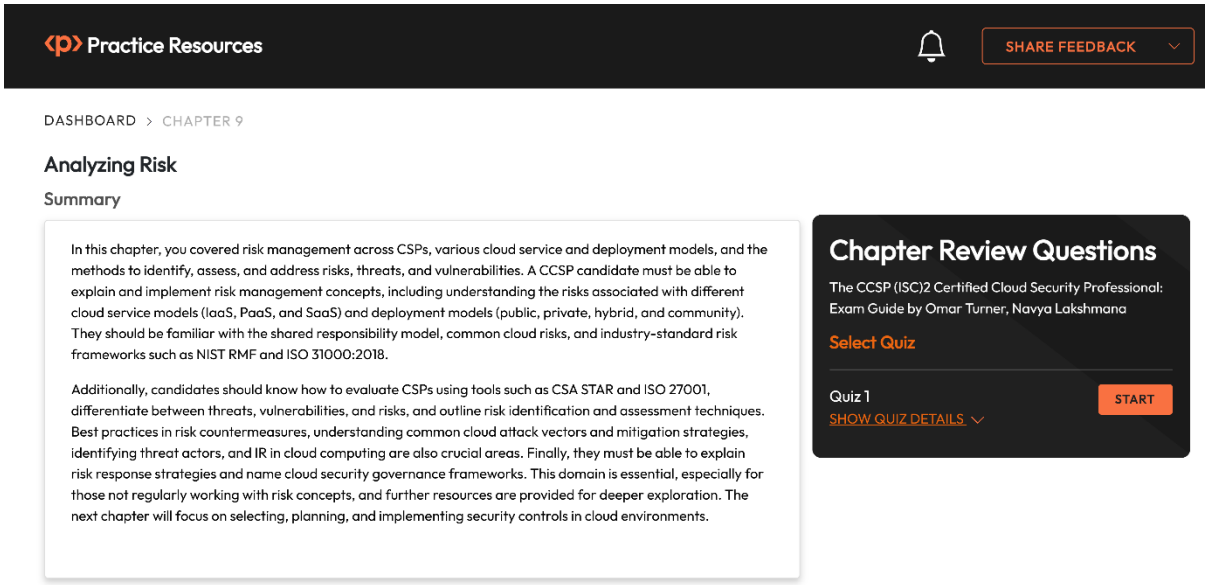

Figure 9.3 – Chapter Review Questions for Chapter 9

Chapter 10: Proper Security Control Implementation

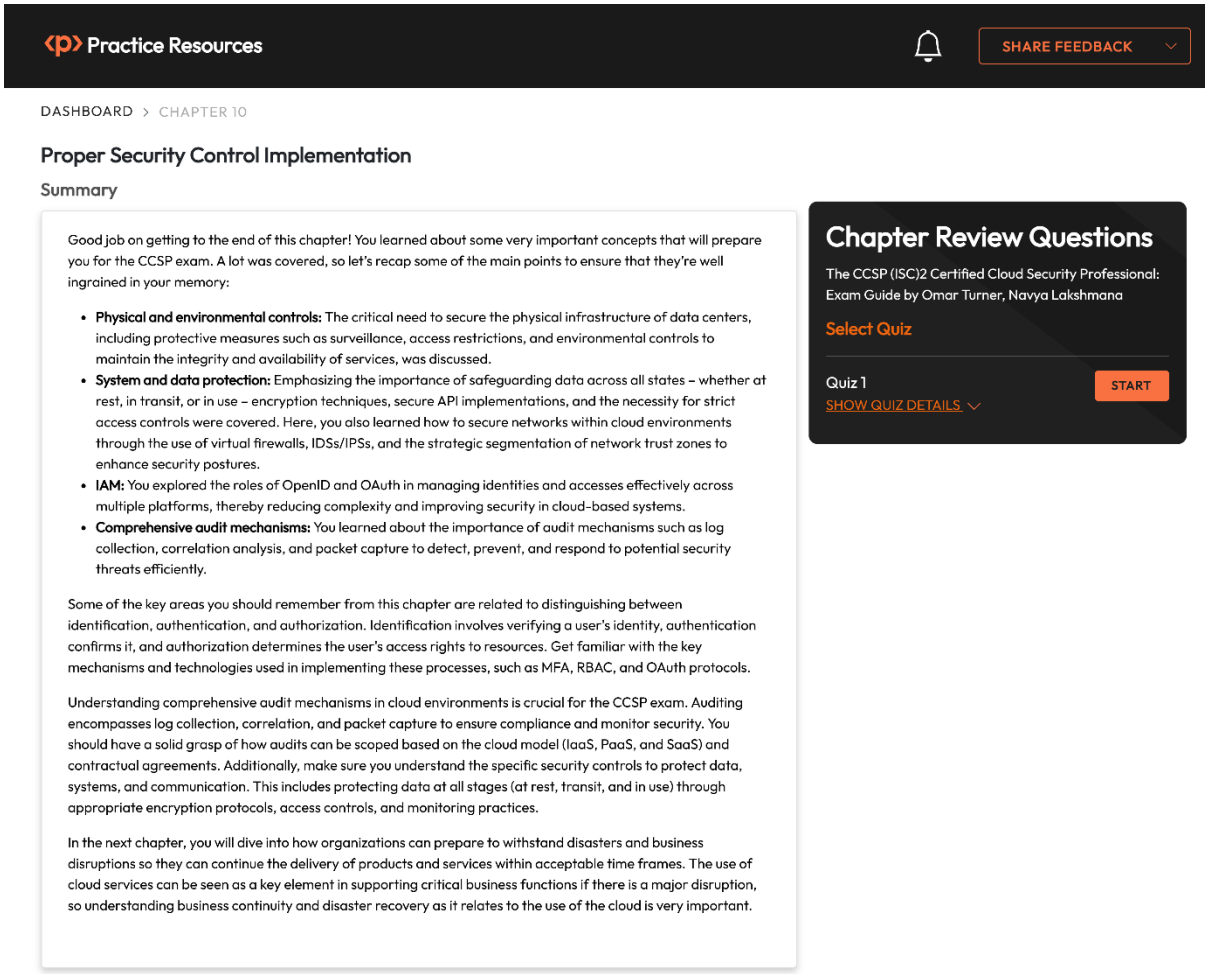

Figure 10.2 – Chapter Review Questions for Chapter 10

Chapter 11: Planning for the Worst-Case Scenario – Business Continuity and Disaster Recovery

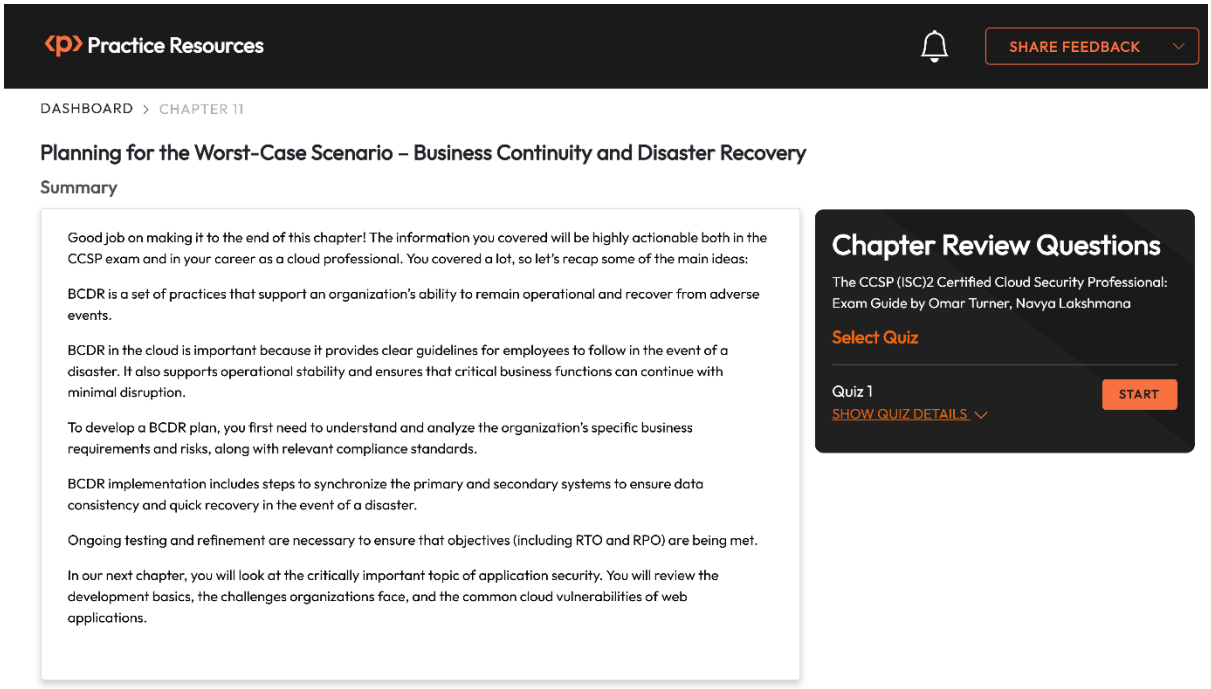

Figure 11.2 – Chapter Review Questions for Chapter 11

Chapter 12: Application Security

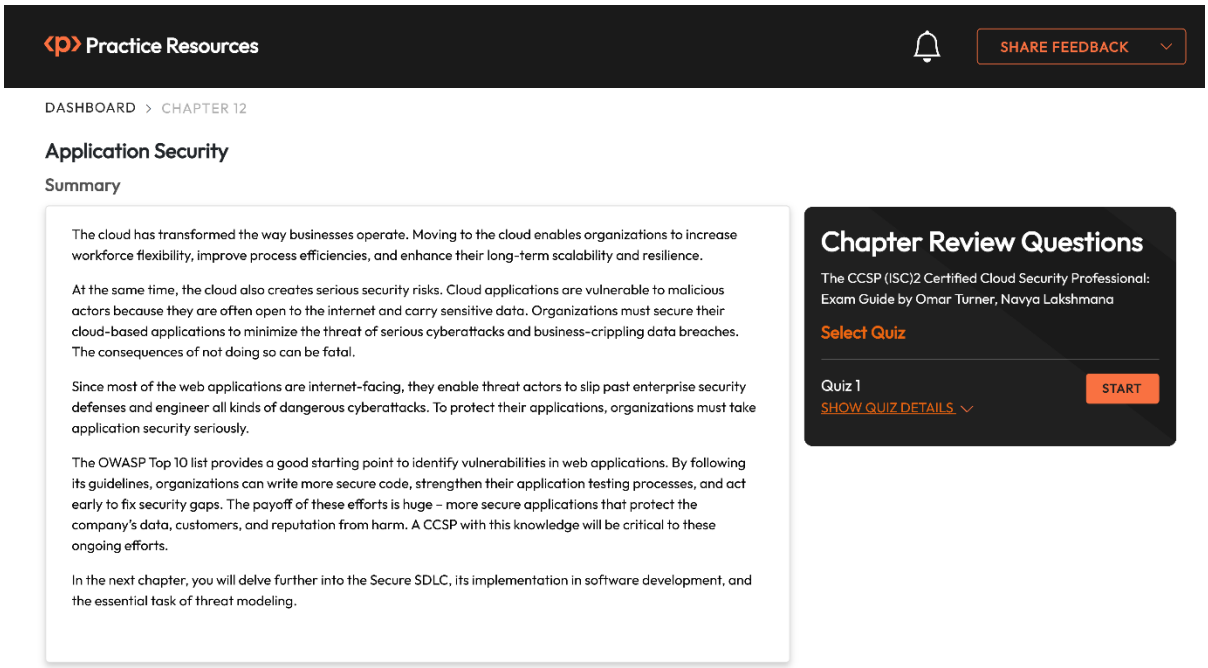

Figure 12.2 – Chapter Review Questions for Chapter 12

Chapter 13: Secure Software Development Life Cycle

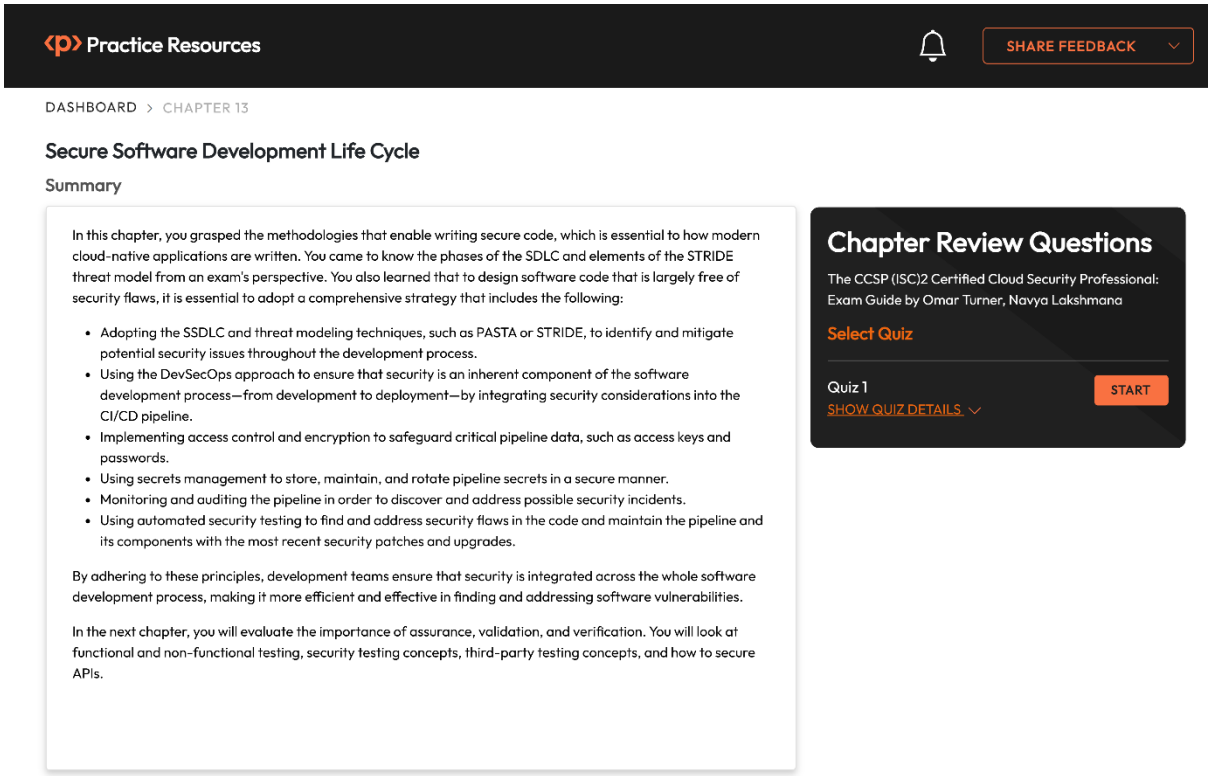

Figure 13.2 – Chapter Review Questions for Chapter 13

Chapter 14: Assurance, Validation, and Verification in Security

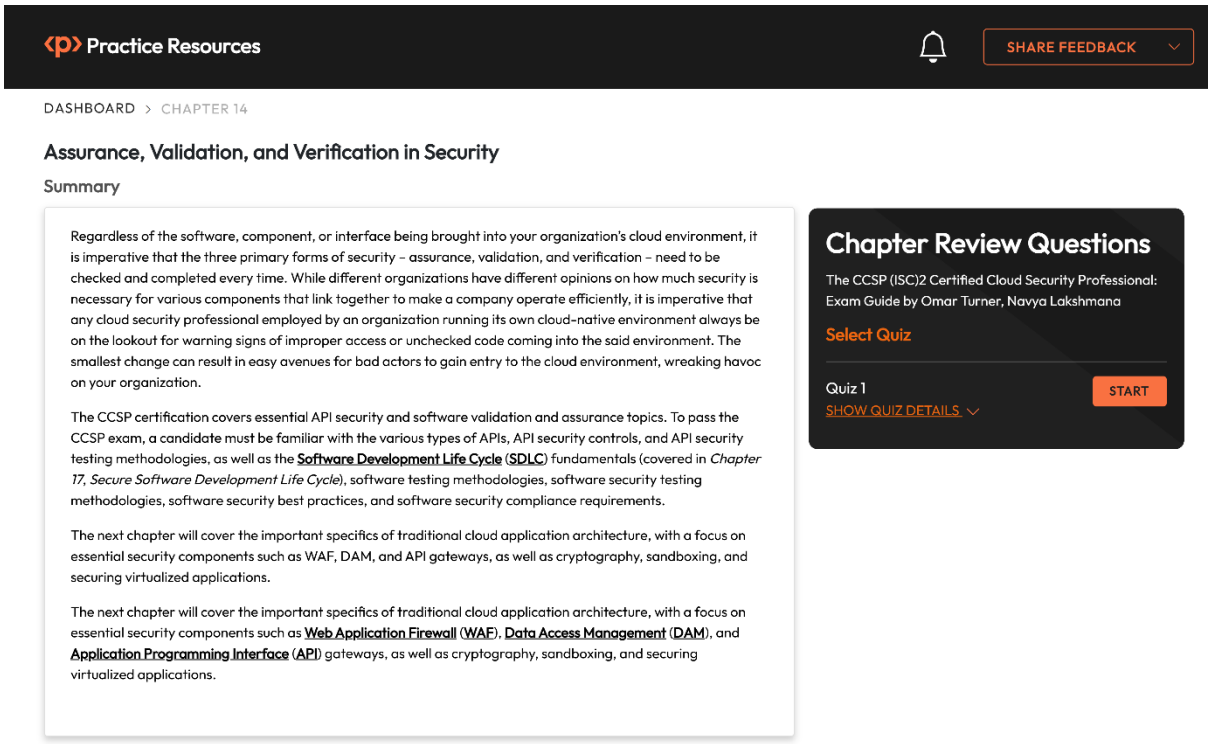

Figure 14.2 – Chapter Review Questions for Chapter 14

Chapter 15: Application-Centric Cloud Architecture

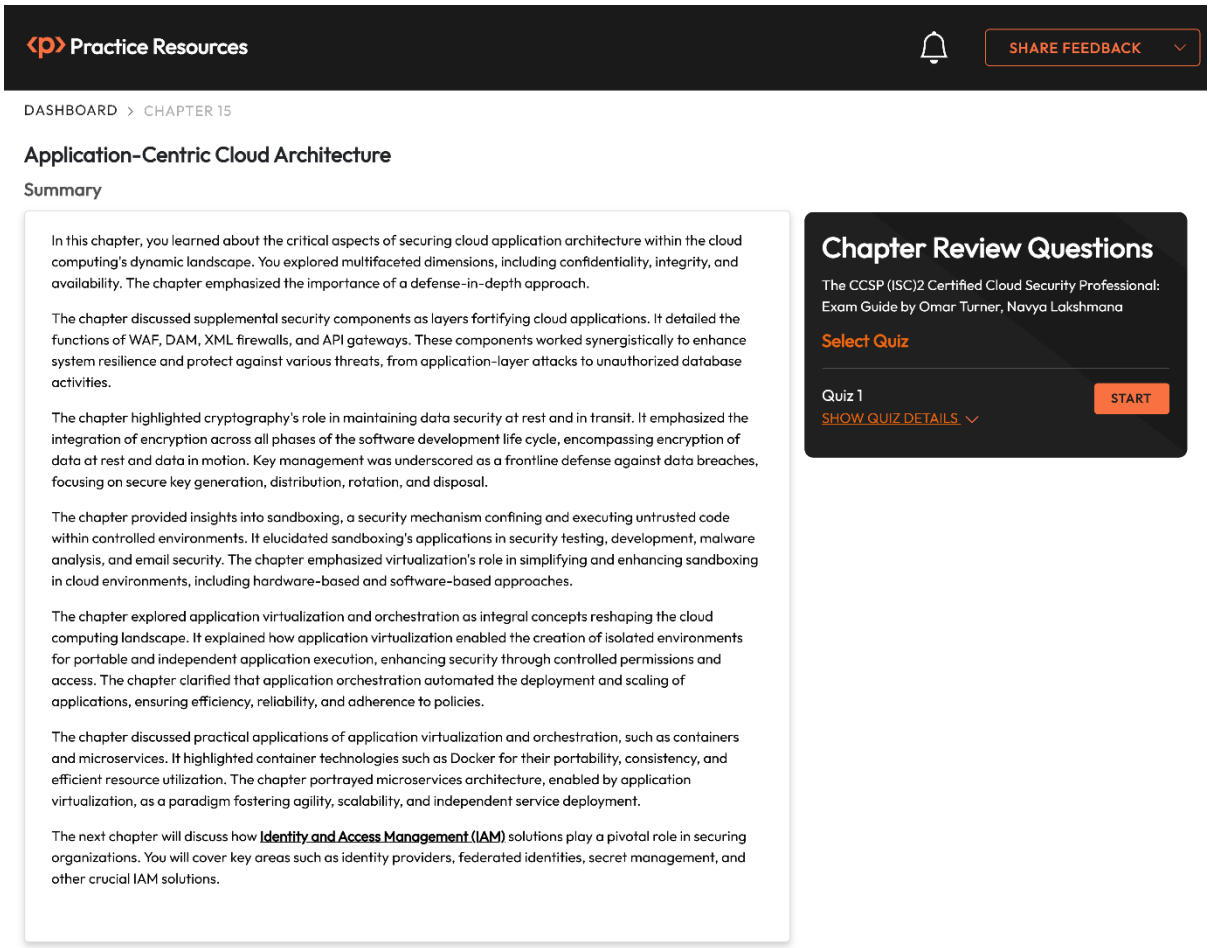

Figure 15.2 – Chapter Review Questions for Chapter 15

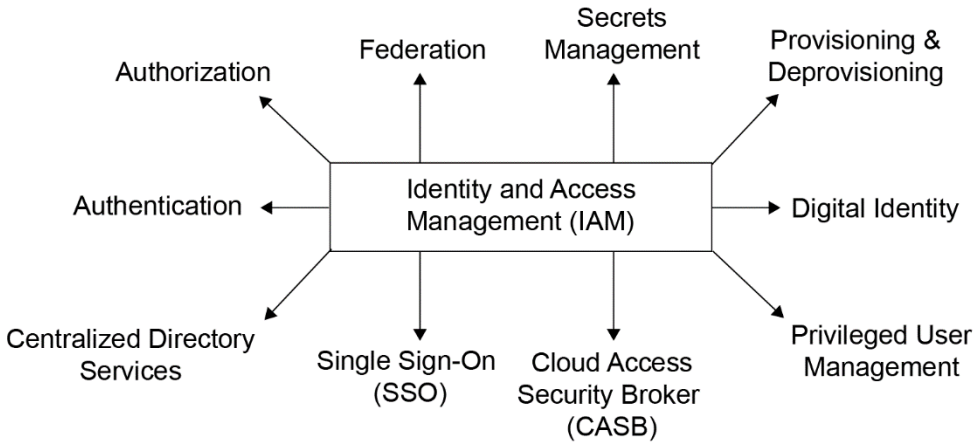

Figure 16.1 – Objectives of IAM

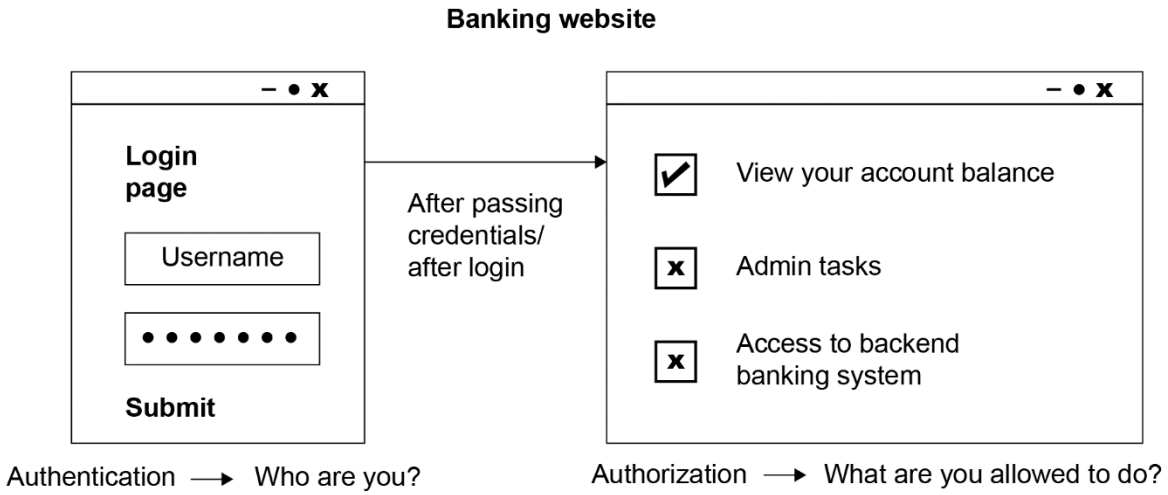

Figure 16.2 – Authentication and authorization at a banking website

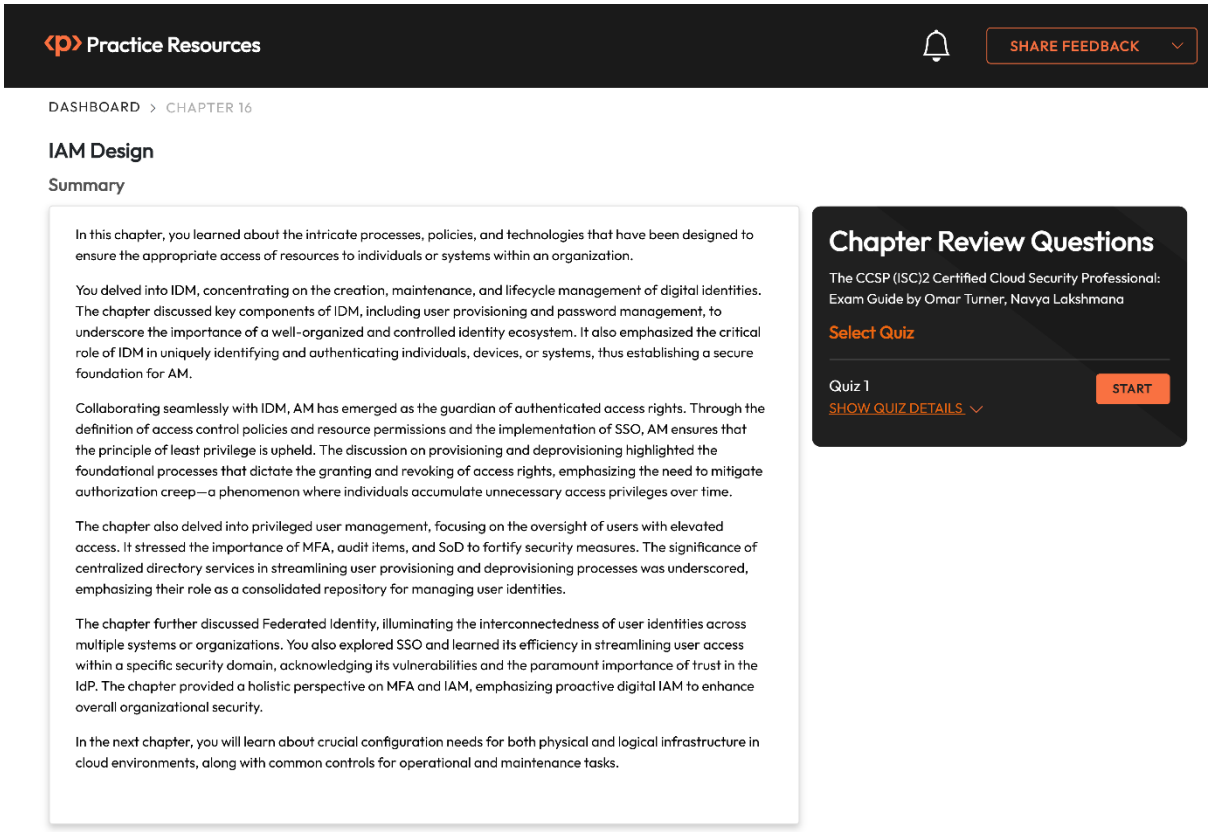

Figure 16.4 – Chapter Review Questions for Chapter 16

Chapter 17: Cloud Physical and Logical Infrastructure (Operationalization and Maintenance)

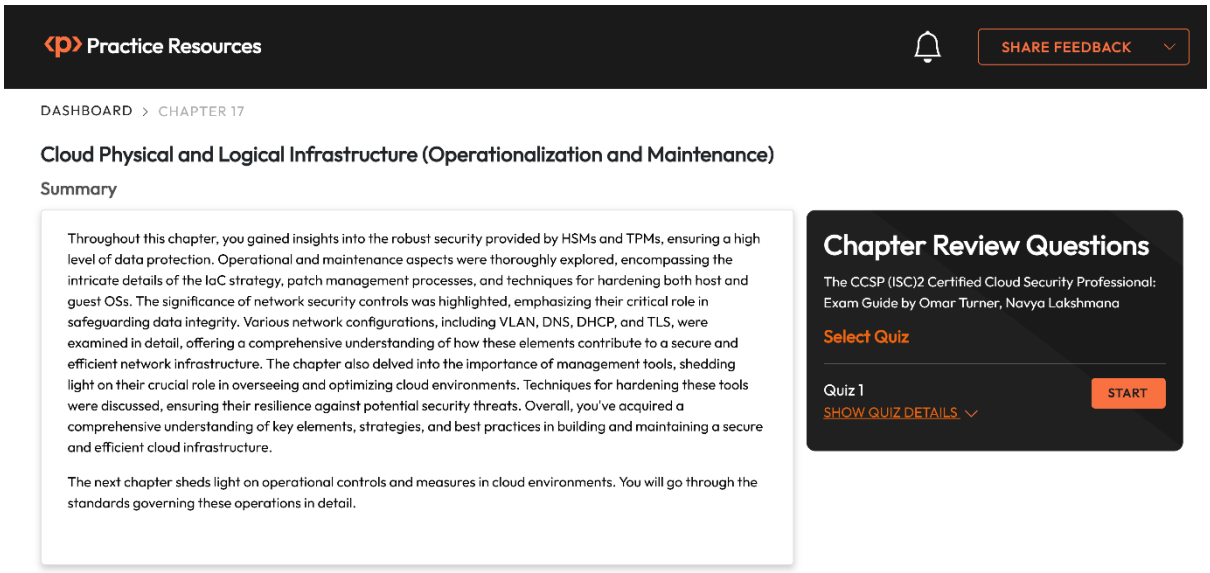

Figure 17.2 – Chapter Review Questions for Chapter 17

Chapter 18: International Operational Controls and Standards

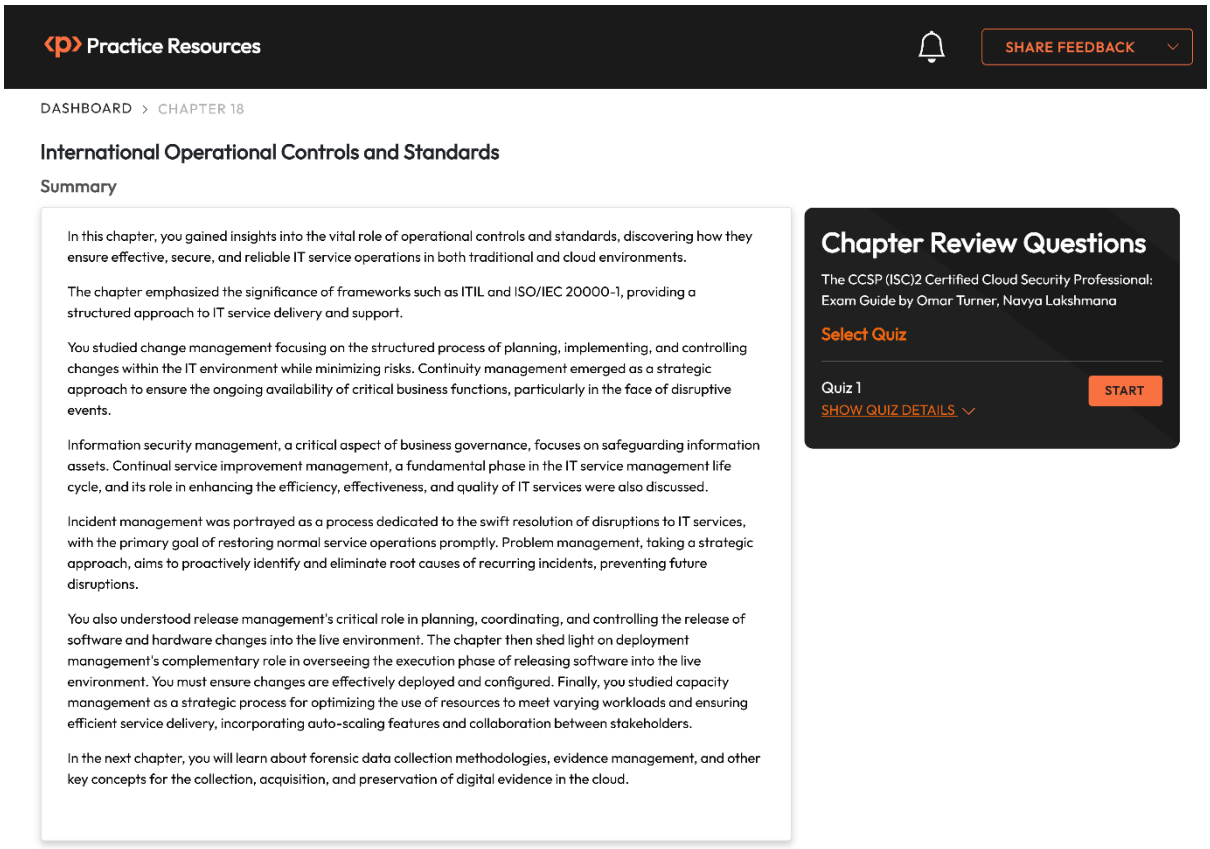

Figure 18.2 – Chapter Review Questions for Chapter 18

Chapter 19: Digital Forensics

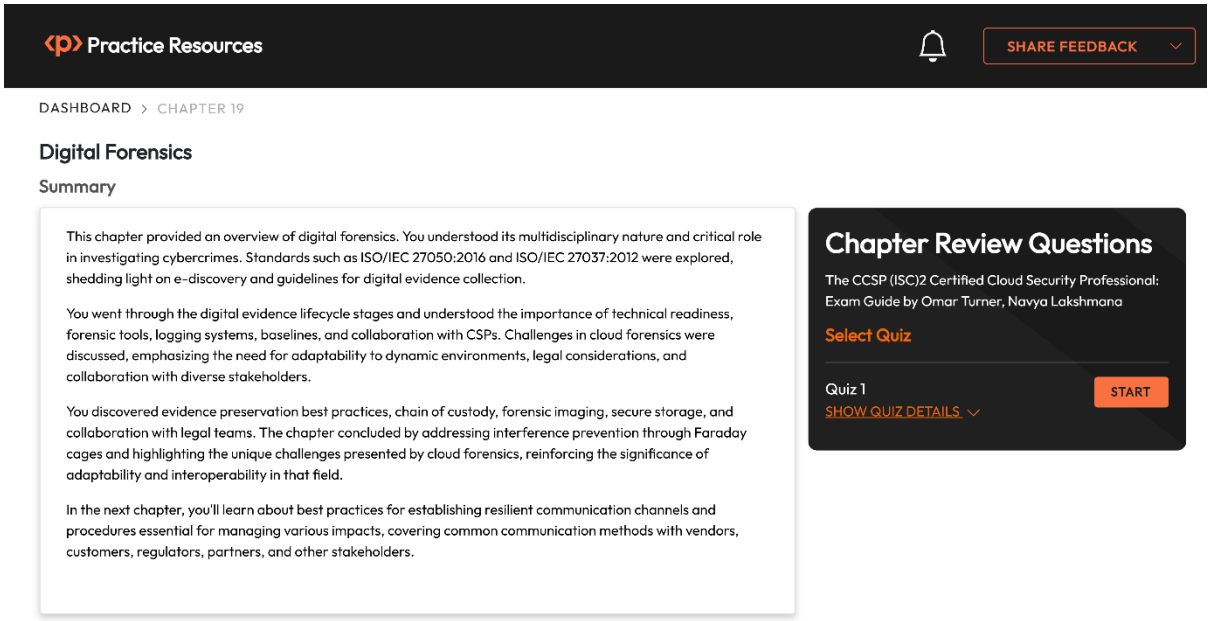

Figure 19.2 – Chapter Review Questions for Chapter 19

Chapter 20: Managing Communications

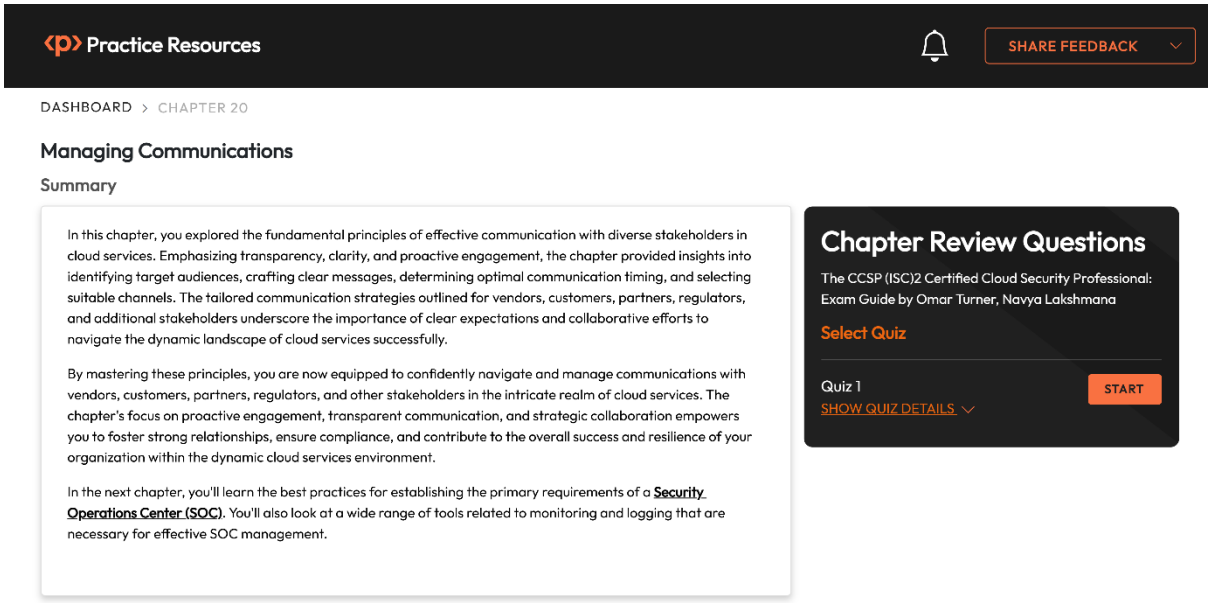

Figure 20.2 – Chapter Review Questions for Chapter 20

Chapter 21: Security Operations Center Management

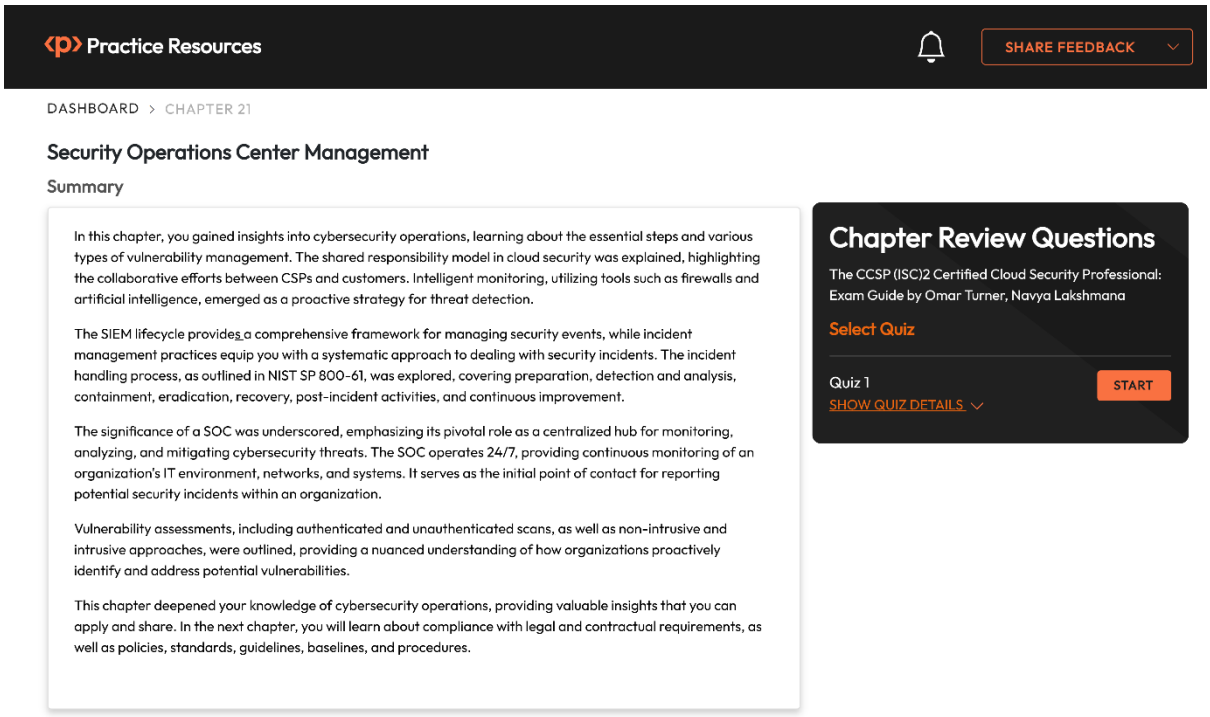

Figure 21.2 – Chapter Review Questions for Chapter 20

Chapter 22: Legal Challenges and the Cloud

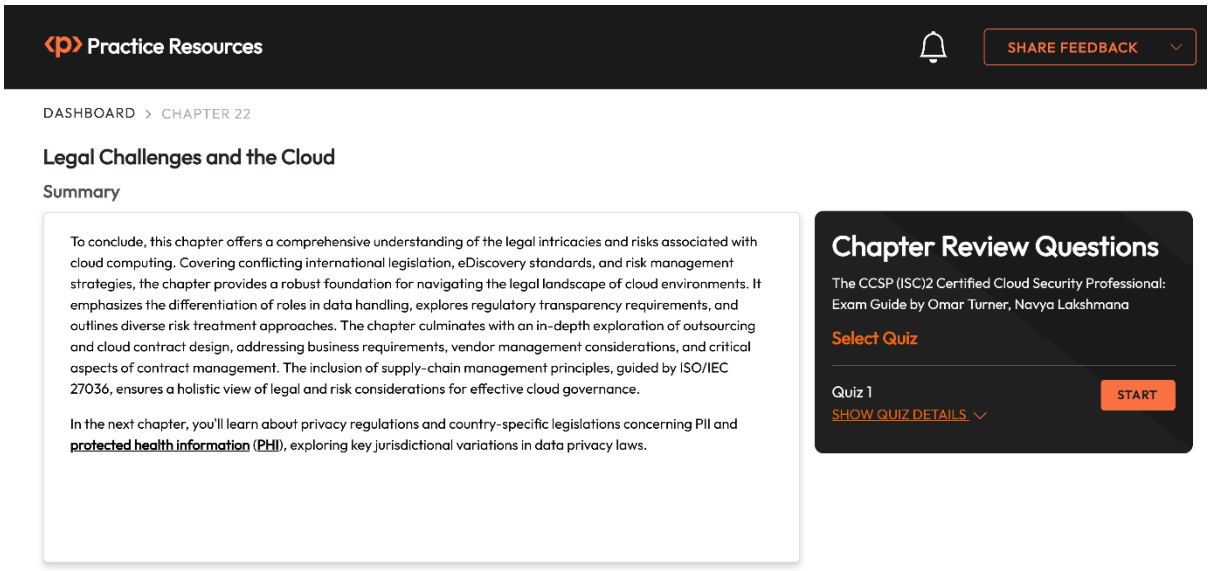

Figure 22.2 – Chapter Review Questions for Chapter 22

Chapter 23: Privacy and the Cloud

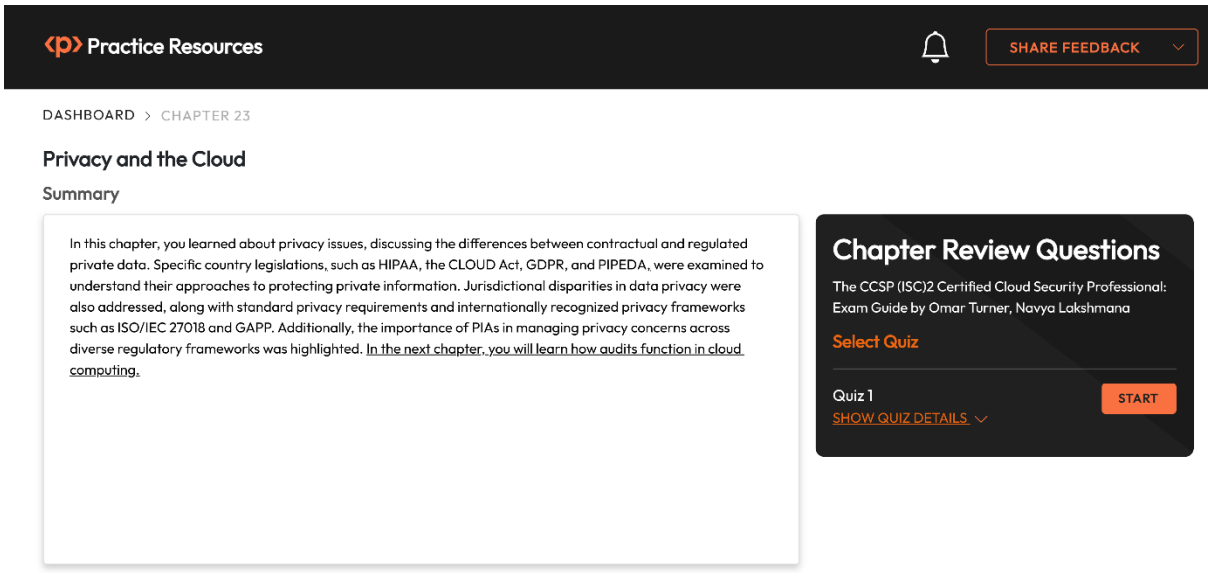

Figure 23.2 – Chapter Review Questions for Chapter 23

Chapter 24: Cloud Audit Processes and Methodologies

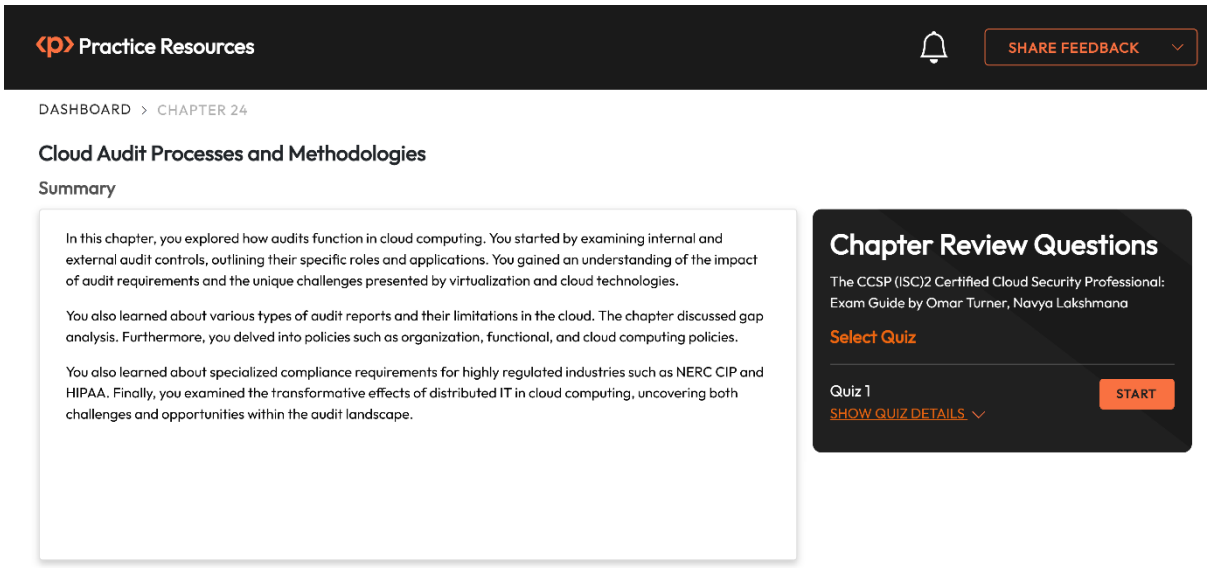

Figure 24.2 – Chapter Review Questions for Chapter 24

Chapter 25: Accessing the Online Practice Resources

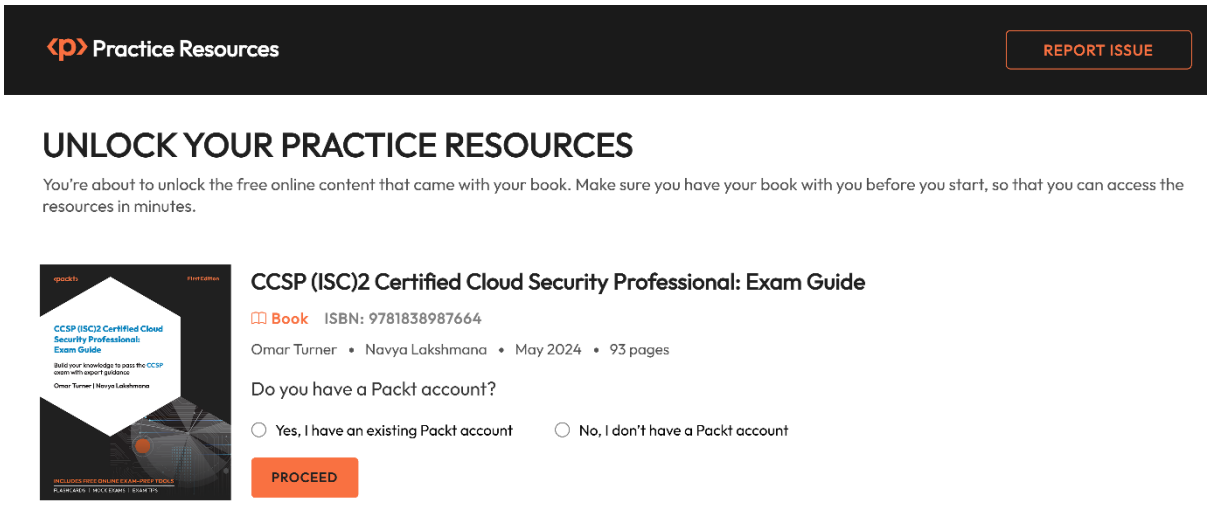

Figure 25.2 – Unlock page for the online practice resources

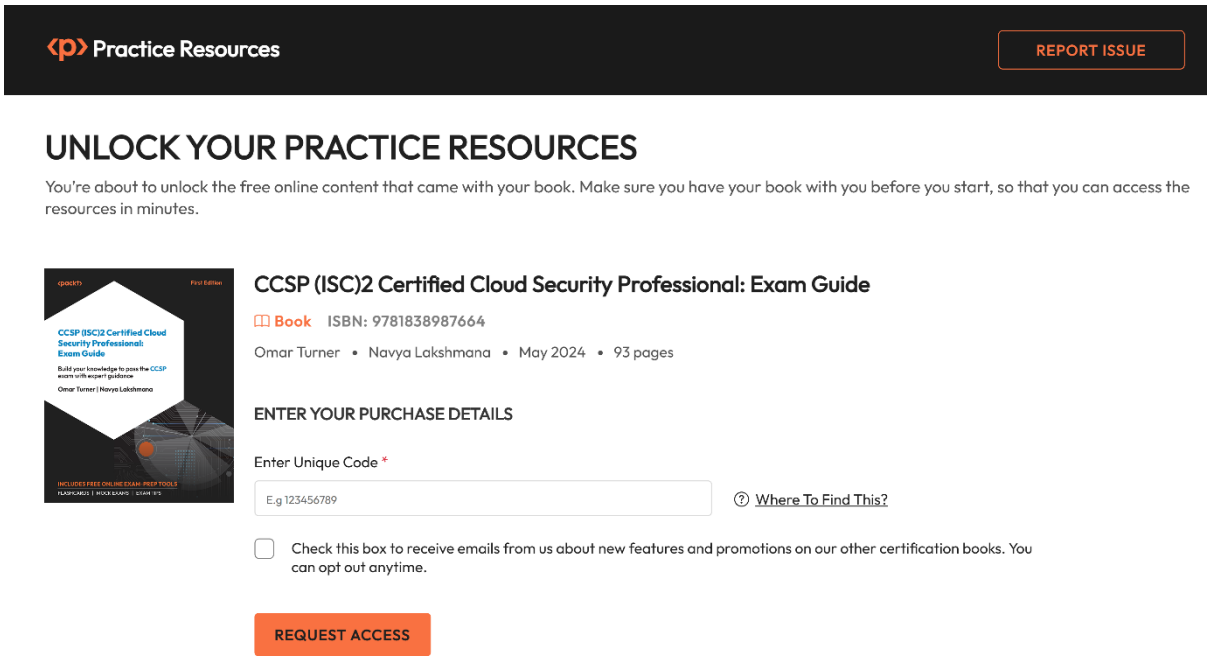

Figure 25.3 – Enter your unique sign-up code to unlock the resources

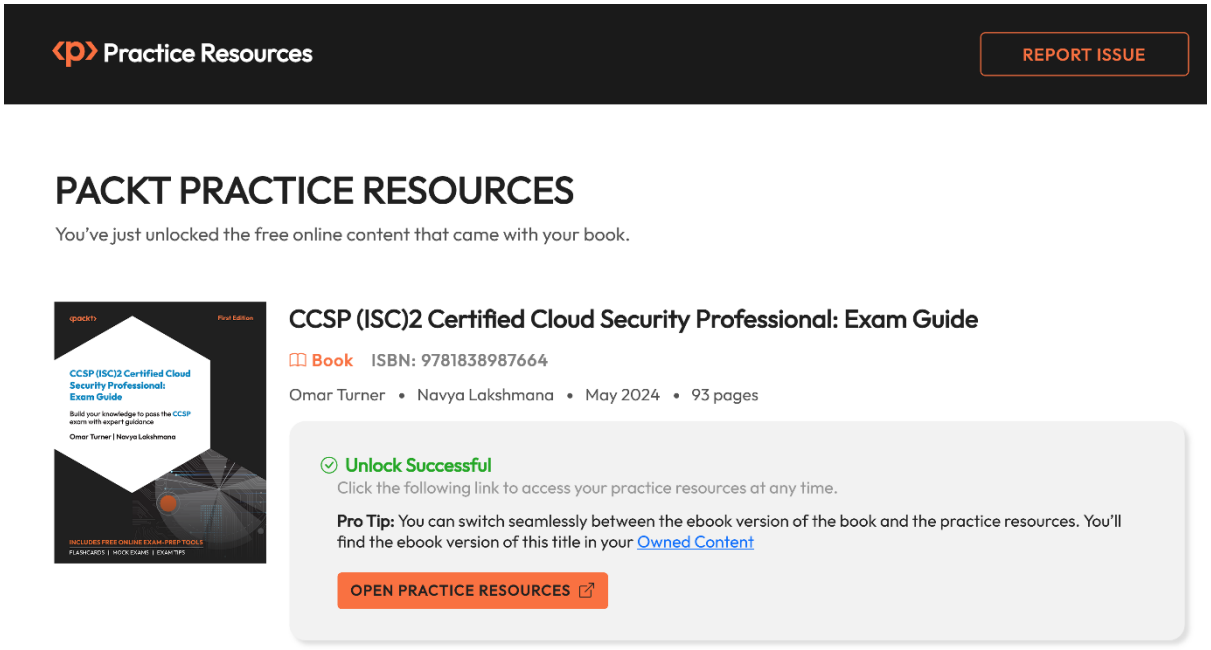

Figure 25.4 – Page that shows up after a successful unlock

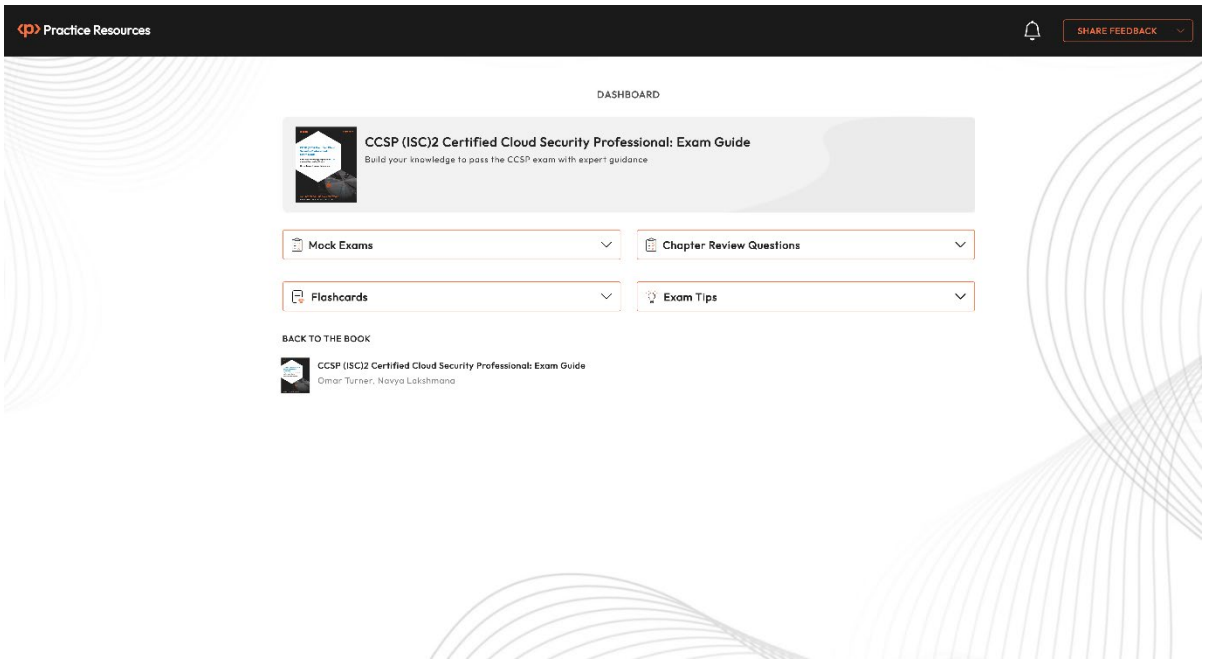

Figure 25.5 – Dashboard page for CCSP (ISC)2 practice resources

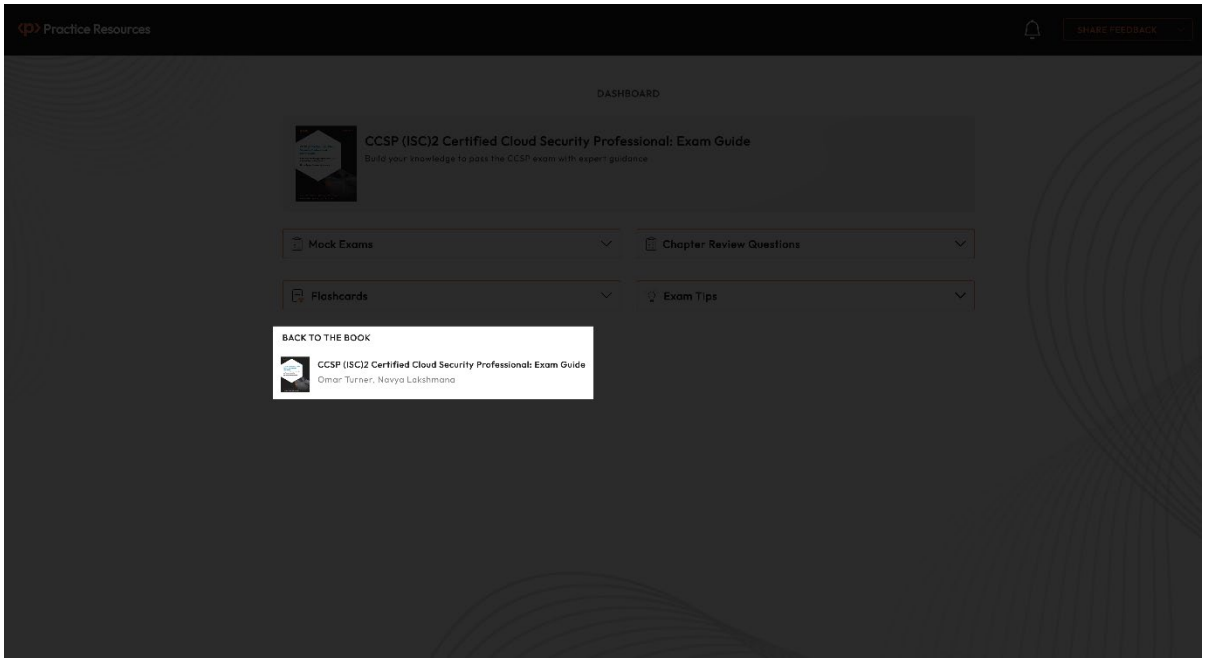

Figure 25.7 – Dashboard page for CCSP (ISC)2 practice resources