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Nota di contenuto	CWDPTM: Certified Wireless Design Professional Official Study Guide; Contents; Foreword; Introduction; Chapter 1: Gathering and Analyzing Requirements; Preparation and Planning; Meeting the Customer; Identify Key Decision Makers and Participants; Identify a High-Level Scope; Understand the Customer's Expertise; Gathering the Requirements; Business Requirements; Technical Requirements; Using a Customer's Existing Assets to Save Time and Money; Understanding the Deployment Environment; Constraints; Budget; Timeline; Politics; Guiding the Customer; Creating the Customer Requirements Document Statement of WorkSummary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 2: Designing for Client Devices and Applications; General Client Design Factors; PHY Support; Radio Characteristics; MAC Feature Support; Configurability; Management Features; Common Client Device Form Factors; Laptop Computers; Tablets; Thin Clients; Handheld Computers; Application-Specific Devices; Smart Phones; In-Building Voice Devices; Video Devices;

Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 3: Designing for Applications; Understanding WLAN Applications

Familiarizing Yourself with Application Protocols and BehaviorHandling Difficult Protocols; Real-Time Applications: Voice and Video; Location and Context Awareness; Guest Access; Understanding Business Drivers for Guest Access; Models for Guest Access; Network Design Approaches; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 4: Industry-Specific Design Considerations; Healthcare; Supporting Data, Voice, Guest, and Location Services; Build for Growth; High Availability; Aesthetics; Access Restrictions; Multifloor RF Propagation; Regulatory; Lead Walls

Constant ConstructionOutdoor Access; Guest and Patient Internet Access; Retail; Warehouses and Industrial; Retail Branches; Food Franchises and Shopping Destinations; Education; Handling User Density; Lack of Standardization; Security Challenges; Other Verticals; Office Use; Hospitality; SOHO Remote Offices; Providing Wi-Fi Outside; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 5: Vendor and WLAN Architecture Selection; Consumer vs. Enterprise Equipment; Understanding Consumer Wi-Fi Devices; Understanding Enterprise Wi-Fi Devices

The Difference Between Consumer and Enterprise

ProductsManagement, Control, and Data Planes; Management Plane; Control Plane; Data Plane; Understanding How the Management, Control, and Data Planes Work Together; Architecture; Autonomous WLAN Architectures; Centralized WLAN Architectures; Distributed WLAN Architectures; Other WLAN Architectures; Important Architectural Distinctions; Additional Vendor Selection Considerations; Summary; Exam Essentials; Review Questions; Answers to Review Questions; Chapter 6: RF Communication Principles; Understanding Basics of RF Importance of RF Design to a Successful Network

Sommario/riassunto

The official study guide for the Certified Wireless Design Professional (CWDP) exam from CWNP! This official guide is what you need to prepare for the vendor-neutral CWDP exam (PW0-250), which tests an IT professional's ability to design, plan, and troubleshoot a wireless network. Administered by CWNP, the industry leader for enterprise Wi-Fi training and certification, the CWDP exam is for those operating in large WLAN deployments. This practical guide not only covers all exam objectives, it also gives you practical information on designing for complex environments such as businesses
