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: Naxos of America, 2010 ISBN\ISSN: 9781843793595, 1843793598 Genre: Audiobooks, Literary collections Notes: 4 audio discs (5 hr.. Designing IP Multicast Services Examining IP Multicast Services IP Multicast Basics IP Multicast Data-Delivery Principles Multicast Forwarding IP Multicast Group Membership and Distribution Trees Source Trees Shared Trees Comparison of Source Trees and Shared Trees Protocol Independent Multicast PIM Dense Mode PIM Sparse Mode Sparse Mode, Dense Mode, and Sparse-Dense Mode IP Multicast Control Mechanisms IGMP CGMP and IGMP Snooping Designing IP Multicast Solutions for Enterprise Networks IP Multicast Design Considerations for an Enterprise Campus Designing IP Multicast for a Small Campus Designing IP Multicast for a Large Enterprise Campus Designing IP Multicast Over a WAN Summary References Product Summary Standards and Specifications Summary Review Questions Case Study: OCSIC Bottling Company IP Multicast Design for OCSIC's New Application9.. Designing Network Management Services Developing an Enterprise Network Management Strategy Functional Areas of Network Management FCAPS Network Management Policies and Procedures Policies Procedures Network Management Methods Reactive-Event Driven Proactive-Polling and Event Driven Network Management Strategy Process Network Management Module Functions Cisco Network Management Strategy CiscoWorks CiscoWorks Common Management Foundation CiscoWorks LAN Management Solution Best Practices for Managing the LAN Using LMS CiscoWorks Routed WAN Management Solution Best Practices for Managing the WAN Using RWAN Designing the Network Management Architecture Network Management Design Considerations Network Management Infrastructure Considerations Network Management Data Collection and Management Considerations Network Management Station Sizing Considerations System Management Resource Considerations Network Management Deployment Recommendations Single Server Deployment Multiserver, Split Applications-Single Management Domain Multiple Management Domains Centralized WAN Management with LAN Management Key Questions to Consider Availability Manager Issues Network Management Design Scenarios Small Site Network Management Design Scenario Medium Site Network Management Design Scenario Large Site Network Management Design Scenario Summary References Product Summary Standards and Specification Summary Review Questions Case Study: OCSIC Bottling Company5.. Designing Enterprise Wireless Networks Reviewing the Wireless LAN Solution Emerging Wireless Enterprise Network Needs Wireless Communication Architecture Access Point Coverage Cell Distribution 802.. Designing Content Networking Solutions Reviewing the Content Networking Solution Enterprise Content Networking Requirements Content Networking Architecture Content Caching Transparent Caching Deployment Proxy Caching Deployment Reverse Proxy Caching Deployment Content Switching Content Routing Direct Mode Content Routing WCCP Mode Content Routing Content Distribution and Management Intelligent Network Services Integration Designing Content Networking Solutions Content Networking Design Considerations Content Networking Solutions for Web Content Delivery Example: Web Content Delivery Web Content Delivery Solution Content Networking Solutions for E-Commerce Example: E-Commerce E-Commerce Solution Content Networking Solutions for Streaming Media Example: Streaming Media Streaming Media Solution Summary References Product Summary Standards and Specification Summary Review Questions Case Study: OCSIC Bottling Company13.

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Designing Enterprise Edge Connectivity Reviewing the Enterprise Edge Network Design Methodology Enterprise Edge Design Typical Requirements for the Enterprise Edge Enterprise Edge Design Methodology Analyzing Network Traffic Patterns Designing the Classic WAN Module Enterprise Needs for the WAN Selecting the WAN Topology Branch Office WAN Regional Office WAN Enterprise WAN Backbone Selecting a Service Provider Selecting the Data-Link Layer Selecting the Physical Layer Selecting WAN Features Selecting Cisco Edge Routing Solutions Routing Protocol and IP Addressing Considerations An Enterprise WAN Design Example Designing the Remote Access Module Enterprise Needs for Remote Access Selecting the Remote Access Type and Termination Selecting the Remote Access Physical Connectivity Selecting the Remote Access Protocol Selecting Cisco Access Routing Solutions Sizing the Central Site Remote Access Connection An Enterprise Remote Access Design Example Designing the Internet Connectivity Module Enterprise Requirements for the Internet Using NAT at the Enterprise Edge Designing ISP Connectivity Solutions Internet Connectivity Design Example Summary References Product Summary Standards and Specifications Summary Review Questions Case Study: OCSIC Bottling Company North American Plant Headquarters WAN Remote Access and Internet Connectivity Requirements International

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Primary Concerns of Network Deployment Performance Scalability Availability Cisco AVVID Framework Cisco AVVID Common Network Infrastructure Cisco AVVID Intelligent Network Services Cisco AVVID Network Solutions Enterprise Composite Network Model Enterprise Campus Functional Area Campus Infrastructure Module Network Management Module Server Farm Module Edge Distribution Module Effects of the Enterprise Campus Functional Area on the Enterprise Network Enterprise Edge Functional Area E-Commerce Module Internet Connectivity Module Remote Access and VPN Module WAN Module Effects of the Enterprise Edge Functional Area on the Enterprise Network Service Provider Edge Functional Area Summary References Product Summary Review Questions2.. Compact disc Duration: 5:05:30 Introduction 1 Introducing Cisco Network Service Architectures. e10c415e6f