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| 1. Record Nr. | UNINA9910785780403321 |
| Autore | Toy Mehmet |
| Titolo | Networks and services [[electronic resource]] : carrier ethernet, PBT, MPLS-TP and VPLS // Mehmet Toy |
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| Descrizione fisica | 1 online resource (432 p.) |
| Collana | Wiley series on information and communication technology ; ; 95 |
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| Disciplina | 621.39/81 |
| Soggetti | Ethernet (Local area network system) Local area networks (Computer networks) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Networks and Services; Contents; Foreword; Preface; 1 Introduction and Overview; 1.1 Introduction; 1.2 Basic Ethernet; 1.3 Synchronization; 1.4 Pseudowires; 1.5 Protection; 1.6 Carrier Ethernet Architecture and Services; 1.7 Carrier Ethernet Traffic Management; 1.8 Ethernet Operations, Administrations, and Maintenance (OAM); 1.9 Circuit Emulation; 1.10 Ethernet Local Management Interface (ELMI); 1.11 PBT; 1.12 T-MPLS and MPLS-TP; 1.13 Virtual Private LAN Services (VPLS); 2 Basic Ethernet; 2.1 Introduction; 2.2 CSMA/CD; 2.3 Full Duplex, Pause, Autonegotiation; 2.4 Repeaters and Hubs 2.5 Bridges2.6 Switches; 2.7 Physical Layer; 2.8 Temperature Hardening; 2.9 Standards; 2.10 Ethernet Frame Types and the Ethertype Field; 2.11 Conclusion; References; 3 Synchronization; 3.1 Introduction; 3.2 Application Requirements; 3.3 Synchronization Standards; 3.4 NTP/SNTP; 3.5 Precision Time Protocol (IEEE 1588); 3.6 Synchronous-Ethernet Networks (SyncE); 3.7 Conclusion; References; 4 Pseudowires; 4.1 Introduction; 4.2 Protocol Layers; 4.3 Payload Types; 4.4 Pseudowire Architecture; 4.5 Control Plane; 4.6 Multisegment Architecture; 4.7 Multisegment Pseudowire Setup Mechanisms 4.8 Resiliency4.9 Quality of Service and Congestion Control; 4.10 |

Operations and Maintenance (OAM); 4.11 Security; 4.12 Conclusion; References; 5 Ethernet Protection; 5.1 Introduction; 5.2 Automatic Protection Switching (APS) Entities; 5.3 Linear Protection; 5.4 Ring Protection; 5.5 Link Aggregation; 5.6 Conclusion; References; 6 Carrier Ethernet Architectures and Services; 6.1 Introduction; 6.2 Standards; 6.3 Architecture; 6.4 Interfaces; 6.5 Services; 6.6 Conclusion; References; 7 Carrier Ethernet Traffic Management; 7.1 Introduction; 7.2 Policing; 7.3 Queuing, Scheduling, and Flow Control 7.4 Three CoS Model 7.5 SLAs (Service-Level Agreements); 7.6 SLAs; 7.7 Application-CoS-Priority Mapping; 7.8 Bandwidth Profile; 7.9 Conclusion; References; 8 Carrier Ethernet OAM&P (Operations, Administration, Management, and Performance); 8.1 Introduction; 8.2 Link OAM; 8.3 Service OAM; 8.4 Maintenance Entities; 8.5 Maintenance Points; 8.6 OAM Addressing and Frame Format; 8.7 Continuity Check Message (CCM); 8.8 Loopback and Reply Messages (LBM and LBR); 8.9 Link Trace and Reply Messages (LTM and LTR); 8.10 Ethernet Alarm Indication Signal (ETH-AIS) 8.11 Ethernet Remote Defective Indication (ETH-RDI) 8.12 Ethernet Locked Signal (ETH-LCK); 8.13 Performance Measurements; 8.14 Performance Monitoring; 8.15 Loss Measurements; 8.16 Availability; 8.17 Frame Delay Measurements; 8.18 Interframe Delay Variation (IFDV) Measurements; 8.19 Testing; 8.20 Security; 8.21 OAM Bandwidth; 8.22 Conclusion; References; 9 Circuit Emulation Services (CES); 9.1 Introduction; 9.2 Circuit Emulation Functions; 9.3 Adaptation Function Headers; 9.4 Synchronization; 9.5 TDM Application Signaling; 9.6 CESoETH Defects and Alarms; 9.7 Performance Monitoring of CESoETH 9.8 CESoETH Service Configuration

Sommario/riassunto

This book provides a comprehensive understanding of current and debated future networking technologies. It gives insight into building end-to-end networks and services with Carrier Ethernet, PBT, MPLS-TP, and VPLS while also shedding light on the pros and cons of these technologies for service providers and enterprise network owners. Focusing on layer-2 networking and services, Networks and Services covers: The basics of Ethernet such as protocol stack, bridges, switches, and hubsKey techniques that are being used in building carrier-class Carrier Ethernet netwo

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| 2. Record Nr. | UNINA9910967673003321 |
| Autore | Emmott Bill |
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| ISBN | 1-280-88042-2 9786613721730 0-300-18865-X |
| Descrizione fisica | 1 online resource (304 p.) |
| Disciplina | 945.093 |
| Soggetti | Political corruption - Italy Global Financial Crisis, 2008-2009 Italy Politics and government 1994-2018 Italy Economic conditions 1994- Italy Social conditions 1994- Italy Economic policy |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Front matter -- Contents -- Acknowledgements -- Map -- CHAPTER 1. Italy's Second Chance -- CHAPTER 2. L'Inferno Politico -- CHAPTER 3. Il Purgatorio Economico -- CHAPTER 4. Inspirations from Turin -- CHAPTER 5. Hope in the South -- CHAPTER 6. Enterprise Obstructed -- CHAPTER 7. Potential Displayed -- CHAPTER 8. Good Italy, Bad Italy -- Notes -- Further reading -- Index |
| Sommario/riassunto | Not long ago Italy was Europe's highly touted emerging economy, a society that blended dynamism and super-fast growth with a lifestyle that was the envy of all. Now it is viewed as a major threat to the future of the Euro, indeed to the European Union as a whole. Italy's political system is shorn of credibility as it struggles to deal with huge public debts and anemic levels of economic growth. Young people are emigrating in droves, frustrated at the lack of opportunity, while older people stubbornly cling to their rights and privileges, fearful of an uncertain future. In this lively, up-to-the-minute book, Bill Emmott explains how Italy sank to this low point, how Italians feel about it, and |

what can be done to return the country to more prosperous and more democratic times. With the aid of numerous personal interviews, Emmott analyzes ";Bad Italy";-the land of disgraced Prime Minister Silvio Berlusconi, an inadequate justice system, an economy dominated by special interests and continuing corruption-against its contrasting foil ";Good Italy,"; the home of enthusiastic entrepreneurs, truth-seeking journalists, and countless citizens determined to end mafia domination for good.
