

Referências Bibliográficas

- 1 HORAK, R. **Communications Systems and Networks**, Second Edition, M&T Books, 2000, pp. 241-242.
- 2 Nortel Networks, **Synchronous Transmission System**, London, UK, N11 1HB, pp.142.
- 3 SPURGEON, C. **Ethernet: the definitive guide**, O'Reilly & Associates, Inc., 2000, ISBN1-56592-660-9.
- 4 Institute of Electrical and Electronics Engineers. **IEEE std 802.3**: Standard for local and metropolitan area networks – carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications. New York, 2002.
- 5 Institute of Electrical and Electronics Engineers. **IEEE std 802.3u**: Standard for local and metropolitan area networks – MAC parameters, physical layer, MAUs, and repeater for 100 Mbps operation, type 100BASE-T (publicada como parte da IEEE 802.3). New York, 1995.
- 6 Institute of Electrical and Electronics Engineers. **IEEE std 802.3z**: Standard for local and metropolitan area networks – Gigabit Ethernet (publicada como parte da IEEE 802.3). New York, 1998.
- 7 HUNT, Craig. **TCP/IP Network administration**, Second Edition, O'Reilly & Associates, 1998, ISBN 1-56592-322-7.
- 8 PARIKH, Anand. **Optimizing multiservice SONET networks for optical Ethernet services**. In: Deploying an optical Ethernetwork in the access and enterprise space, Conference, Institute for International Research, Miami, FL, February 2001.
- 9 WANG, Jiyang. "Migration from SONET/SDH to Optical Ethernet in Metropolitan Area", Africa Communication 2003 White paper, page (14).
- 10 IBE, Oliver. **Essentials of ATM Network Services**, Addison-Wesley, 2001, ISBN 0201184613.
- 11 LAHAT, Amir. **Reducing complexity and cost in access networks using advanced optical solutions**. In: Deploying an optical Ethernetwork in the access and enterprise space, Conference, Institute for International Research, Miami, FL, February 2001.
- 12 RAVINDIR, Sajnan. White_paper: "Eliminating Unused Ethernet Bandwidth with Oversubscription", Ample Communications. Publicação eletrônica, julho 2003. <rsajwan@amplecomm.com>

- 13 TOMSU, Peter. **Next Generation Optical Networks: The Convergence of IP intelligence and Optical Technology**, Prentice Hall, 2002, ISBN 0-13-028226-X.
- 14 WANG, Jiyang. Optical Ethernet: Making Ethernet Carrier Class for Professional Services, **Proceedings of the IEEE**, vol. 92, no. 9, pp. 1452-1462, September 2004.
- 15 STRAUSS, Paul; SMOLEK, Jason; and PERRIN, Sterling. White paper: "Making the business case for metro service providers to deploy 10 Gigabit Ethernet now", IDC Extreme Networks. Publicação eletrônica, September 2000.
- 16 PARIKH, Anand. **Optimizing multiservice SONET networks for optical Ethernet services**. In: Deploying an optical Ethernetwork in the access and enterprise space, Conference, Institute for International Research, Miami, FL, February 2001.
- 17 Extreme Network. White paper: "Building a new generation metropolitan area network". Publicação eletrônica, 2000, pp. 9.
- 18 JAIN, Raj and Naveen, B. White paper: "Current Issues and Trends in Optical Networking", Nayna Networks, Inc., 2002, pp. 4.
- 19 YVES, Hupe. **Scaling Metropolitan Networks**, In: Deploying an optical Ethernetwork in the access and enterprise space, Conference, Institute for International Research, Miami, FL, February 2001.
- 20 SISTANIZADEH, Kamran. White paper: "Spanning the Enterprise with Gigabit Ethernet", Yipes Communications. Publicação eletrônica, 2001.
- 21 The Metro Ethernet Forum. White paper: "Comparison to Legacy SONET/SDH MANs for Metro Data Service Providers". Publicação eletrônica, 2003.
- 22 SISTANIZADEH, Kamran. White paper: "Spanning the Enterprise with Gigabit Ethernet", Yipes communications. Publicação eletrônica, 2001.
- 23 Atrica Communications. White paper: "Delivering Hard QoS in Carrier Ethernet Networks". Publicação eletrônica, 2005.
- 24 LAHAT, Amir. **Reducing complexity and cost in access networks using advanced optical solutions**, table "Service Comparation: SONET×Optical Ethernet". In: Deploying an optical Ethernetwork in the access and enterprise space, Conference, Institute for International Research, Miami, FL, February 2001.
- 25 SPURGEON, C. **Ethernet: the definitive guide**, O'Reilly & Associates, Inc, 2000, ISBN1-56592-660-9.
- 26 Uyemura, John P. **Introduction to VLSI Circuits and Systems**. Wiley, 2001, ISBN: 0471127043.

- 27 Institute of Electrical and Electronics Engineers. **IEEE std 802.3z**: Standard for local and metropolitan area networks – Gigabit Ethernet (publicada como parte da IEEE 802.3). New York, 1998.
- 28 Institute of Electrical and Electronics Engineers. **IEEE std 802.3ae**: Standard for local and metropolitan area networks – carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications – amendment: media access control (MAC) parameters, physical layers, and management parameters for 10 Gbps operation. New York, 2002.
- 29 CHUNG, Ting; COULTER, John; and ARNAUD, Bill. White paper: “Architectural and Engineering Issues for Building an Optical Internet”, CANARIE Inc. Publicação eletrônica, 1998 (22/09/1998).
- 30 WANG, Jiyang. Optical Ethernet: Making Ethernet Carrier Class for Professional Services, **Proceedings of the IEEE**, vol. 92, no. 9, pp. 1452-1462, September 2004.
- 31 Institute of Electrical and Electronics Engineers. **IEEE std 802.1q**: Standard for local and metropolitan area networks – virtual bridged local area networks. New York, 2003.
- 32 Institute of Electrical and Electronics Engineers. **IEEE std 802.1p**: Standard for local and metropolitan area networks – traffic class expediting and dynamic multicast filtering (publicada como parte IEEE 802.1d). New York, 2004.
- 33 TOMSU, Peter. **Next Generation Optical Networks: The Convergence of IP Intelligence and Optical Technology**, Data Transmission Technologies, Prentice Hall, 2002, ISBN 0-13-028226-X, pp. 90-105.
- 34 Accelight Networks Inc. White paper: “Photonic service switching: The OPEX advantage”. Publicação eletrônica, agosto 2001. <www.accelight.com>
- 35 BEDELL, Paul. **Gigabit Ethernet for metro area network**, The McGraw-Hill Companies, Inc, 2003, ISBN 0-07-139389-7, pp. 52-55.
- 36 DOLFI, David W. Multi-channel optical interconnects for short-reach applications. In: IEEE ECTC 2003. **Proceedings of the 53th Electronic Components and Technology Conference**, New Orleans, LO, USA, May 27-30, 2003, pp. 1032-1039.
- 37 Institute of Electrical and Electronics Engineers. **IEEE std 802.1d**: Standard for local and metropolitan area networks – media access control (MAC) bridges. New York, 2004.
- 38 Institute of Electrical and Electronics Engineers. **IEEE std 802.3x**: Standard for local and metropolitan area networks – Full Duplex Operation and Physical Layer (publicada como parte da IEEE 802.3). New York, 1997.

- 39 Institute of Electrical and Electronics Engineers. **IEEE std 802.3z**: Standard for local and metropolitan area networks – Gigabit Ethernet (publicada como parte da IEEE 802.3). New York, 1998.
- 40 Institute of Electrical and Electronics Engineers. **IEEE std 802.3ae**: Standard for local and metropolitan area networks – carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications – amendment: media access control (mac) parameters, physical layers, and management parameters for 10 Gbps operation. New York, 2002.
- 41 Thiele, H.J.; Winzer, P.J.; Sinsky, J.H.; Stulz, L.W.; Nelson, L.E.; Fidler, F. 160-Gb/s CWDM capacity upgrade using 2.5-Gb/s rated uncooled directly Modulated lasers, **IEEE Photonics Technology Letters**, vol. 16, no. 10, pp. 2389-2391, October 2004.
- 42 AGRAWAL, Govind P. **Fiber-Optic Communications System**, New York, Wiley & Sons, 1992.
- 43 Institute of Electrical and Electronics Engineers. **IEEE std 802.3ac**: Standard for local and metropolitan area networks – VLAN tag (publicada como parte da IEEE 802.3). New York, 1998.
- 44 STRAUSS, Paul; SMOLEK, Jason; and PERRIN, Sterling. White paper: “Making the business case for metro service providers to deploy 10 Gigabit Ethernet now”, IDC Extreme Networks. Publicação eletrônica, September 2000 pp. 5.
- 45 Atrica Communications. White paper: “SAN Extension Service Using Carrier Ethernet”. Publicação eletrônica, 2005.
- 46 TOMSU, Peter. **Next Generation Optical Networks: The Convergence of IP intelligence and Optical Technology**, Data Transmission Technologies, Prentice Hall, 2002, ISBN 0-13-028226-X, pp. (157-161).
- 47 Institute of Electrical and Electronics Engineers. **IEEE std 802.3ae**: Standard for local and metropolitan area networks – carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications – amendment: media access control (MAC) parameters, physical layers, and management parameters for 10 Gbps operation. New York, 2002.
- 48 Extreme Network. White paper: “Building a new generation metropolitan area network”. Publicação eletrônica, 2000, pp. 9.
- 49 Atrica Communications. White paper: “Carrier-Class Optical Metro Ethernet Solution That Makes Profitable Services a Reality”. Publicação eletrônica, 2002, pp. 3.
- 50 Internet Engineering Task Force (IETF). Request for comments 1661 – the point-to-point protocol (PPP). Virginia: The Internet Society. Publicação eletrônica, 1994.

- 51 Internet Engineering Task Force (IETF). Request for comments 1662 – PPP in HDLC-like Framing. Virginia: The Internet Society. Publicação eletrônica, 1994.
- 52 Internet Engineering Task Force (IETF). Request for comments 2615 – PPP over SONET/SDH. Virginia: The Internet Society. Publicação eletrônica, 1999.
- 53 Institute of Electrical and Electronics Engineers. **IEEE std 802.17**: Standard for local and metropolitan area networks – resilient packet ring. New York, 2004.
- 54 Internet Engineering Task Force (IETF). Request for comments 2892 – the Cisco SRP MAC layer protocol. Virginia: The Internet Society. Publicação eletrônica, 2000.
- 55 TOMSU, Peter. **Next Generation Optical Networks: The Convergence of IP intelligence and Optical Technology**, Data Transmission Technologies, Prentice Hall, 2002, ISBN 0-13-028226-X, pp. 107-121.
- 56 PREFEITURA DA CIDADE DO RIO DE JANEIRO. Armazém de Dados. Disponível em: <http://www.armazemdedados.rio.rj.gov.br/index.htm>. Acesso em: 23 ago. 2004.
- 57 BEDELL, Paul. **Gigabit Ethernet for metro area network**, The McGraw-Hill Companies, Inc., 2003, ISBN 0-07-139389-7, pp. 131-134.
- 58 CLAVENNA, Scott. “Metro Optical Ethernet”, Lightreading. Publicação eletrônica, 2000 (13/11/2000), pp. 8.
- 59 Cogent Communications, Inc. Network Services SLA North America Cogent. Publicação eletrônica, June 2004.
- 60 GAROFALO, Carlos A. **Novas Soluções de Redes e Serviços de Entretenimento de Última Geração**. Dissertação de Mestrado. Departamento de Engenharia Elétrica, Pontifícia Universidade Católica do Rio de Janeiro, 2000.
- 61 Cisco Systems e 3Com Systems. Informações cedidas entre março e novembro de 2004.
- 62 New Paradigm Resources Group, Inc. White paper: “Dark Fiber: Means to a Network”. Publicação eletrônica, February 2002, pp. 8.
- 63 PHELIPPEAU, Jean Marc. White paper: “New network solutions, new business opportunities for Alternative Service Providers”. Cisco Systems. Publicação eletrônica, April 2002, pp. 18.
- 64 KOYAL, Jason. “Most Intercity Bandwidth Still Unlit”, Telegeography update. Publicação eletrônica, 2005. Acessado em 20 de abril de 2005.

- 65 KOVAL, Jason. “Metro fiber prices exceed long-haul”, Telegeography update. Publicação eletrônica, 2005. Acessado em 26 de janeiro de 2005.
- 66 TeleGeography Free Resources. **Colocation 2004 Executive Summary**.
- 67 JIYANG, Wang. White paper: “Migration from SONET/SDH to Optical Ethernet in Metro”, Atrica Communications., 2003, pp. 17.
- 68 Atrica Communications. White paper: “The Business Case for an Optical Ethernet Metro Area Network”. Publicação eletrônica, 2003, pp. 13.