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Referências Bibliográficas

ANSI T1X1.5/2000-192R1, SONET – Payload Mappings. **Rev. Draft**, Outubro, 2000.

ANSORGE, S. GMPLS Extensions for SONET and SDH Control. **Internet Draft**, draft-ietf-ccamp-gmpls-sonet-sdh-03.txt, Dezembro, 2001.

ABELÉM, A.; STANTON, M. A. Comunicação Multiponto Multimídia: Problemas e Soluções. **Anais da 8ª Semana de Informática da Bahia (SEMINFO)**, Salvador, BA, Maio, 2000, pp. 95-111.

ABELÉM, A. Serviços Multiponto. **Anais da 7ª Semana de Informática da UFPA (VII SEMINF)**, Belém, PA, Outubro, 2000, pp. 123-146.

ABELÉM, A. Implementação de um Agente para Realizar Mapeamento entre Serviços Integrados e Serviços Diferenciados. **Monografia**, Departamento de Informática, PUC-Rio, Fevereiro, 2001.

ABELÉM, A.; STANTON, M. A.; RODRIGUEZ, N. QoS Fim a Fim Através da Combinação entre Serviços Integrados e Serviços Diferenciados. **Anais 19º Simpósio Brasileiro de Redes de Computadores (SBRC2001)**, Florianópolis, SC, Maio, 2001, pp. 258-273.

ABELÉM, A.; STANTON, M. A. Inter-Redes IP Baseadas em Redes Ópticas. **Livro texto dos Minicursos, 20º Simpósio Brasileiro de Redes de Computadores (SBRC2002)**, Cap. 2, pp. 63-123, Búzios, RJ, Brasil, Maio, 2002.

ABELÉM, A.; STANTON, M. A. IP Multicast for Optically Switched Networks. **Proceedings of 15º International Conference on Computer Communication (ICCC2002)**, Mumbai, India, Agosto, 2002, pp. 927-941.

ABELÉM, A. **Sítio de Antônio Abelém**. <http://www.inf.puc-rio.br/~abelem>. Acessado em: Março, 2003.

ACHARYA, A. Native IP Multicast Support in MPLS. **Proceedings of 1st Intl Workshop on Networked Group Communications**, Novembro, 1999.

ANDERSSON, L.; SWALLOW, G. The MPLS Working Group decision on MPLS signaling protocols. **Internet Draft**, Novembro, 2002.

AHN, G.; CHUN, W. Design and Implementation of MPLS Network Simulator (MNS). **15th International Conference on Information Networking**, Japão, Fevereiro, 2001.

ASHWOOD-SMITH, P.; BERGER, L. (editores). Generalized MPLS Signaling - CR-LDP Extensions. **RFC 3472**, Janeiro, 2003.

AWDUCHE, D. et al. Requirements for Traffic Engineering over MPLS. **RFC2702**, Setembro, 1999.

- AWDUCHE, D.; REKHTER, Y. Multiprotocol Lambda Switching: Combining MPLS Traffic Engineering Control with Optical Crossconnects. **IEEE Communications Magazine**, vol. 39, no. 3, pp. 111-116, Março, 2001.
- BALDINE, I. et al. JumpStart: A Just-in-Time Signaling Architecture for WDM Burst-Switched Networks. **IEEE Communications Magazine**, vol. 40, no. 2, pp. 82 – 89, Fevereiro, 2002.
- BALLARDIE, A. Core Based Trees (CBT v.2) Multicasting Routing. **RFC 2189**, Setembro, 1997.
- BARROS, F.; STANTON, M. A. Are Alterations Needed to the IP Multicast Service Model ? **Journal of the Brazilian Computer Society**, vol. 7, no. 2, pp. 16- 27, Novembro, 2001.
- BATES, T, et al. Multiprotocol Extensions for BGP-4. **RFC 2283**, Fevereiro, 1998.
- BERNET, Y. et al. A Framework for Integrated Services Operation over Diffserv Networks. **RFC 2998**, Novembro, 2000.
- BENNETT, G. All-Optical Switching Tutorial. **OPTICON2002**, San Jose, California, EUA, Agosto, 2002. Disponível em: <http://www.bcr.com/opticon>.
- BERGER, L. (editor). Generalized MPLS Signaling Functional Description. **RFC 3471**, Janeiro, 2003.
- BERGER, L. (editor). Generalized MPLS Signaling - RSVP-TE Extensions. **RFC 3473**, Janeiro, 2003.
- BOIVIE, R. et al. Explicit Multicast (XCAST) Basic Specification. **Internet Draft**, draft-ooms-xcast-basic-spec-03.txt, Junho, 2002.
- BONENFANT, P.; RODRIQUEZ-MORAL, A. Framing Techniques for IP over Fiber. **IEEE Network**, vol.15, no. 4, pp.12-18, Julho/Agosto, 2001.
- CAHN, R. **Wide area network design: Concepts and Tools for Optimization**. Morgan-Kaufman. EUA, 1998.
- CAIN, D. et al. Internet Group Management Protocol, Version 3. **Internet Draft**. draft-ietf-idmr-igmp-v3-07.txt, Março, 2001.
- CHAWATHE, Y.; McCANNE, S.; BREWER, E. RMX: Reliable Multicast in Heterogeneous Networks. **Proceedings of INFOCOM 2000**, Tel Aviv, Israel, Março, 2000.
- CHU, Y., RAO, S. e ZHANG, H. A Case for EndSystem Multicast. **Proceedings of ACM Sigmetrics**, Santa Clara, CA, EUA, Junho, 2000.
- CHUNG, J-M. et al. RSVP-TE Extnsions for MPLS Multicasting Services. **Internet Draft**, draft-chung-mpls-rsvp-multicasting-00.txt, Fevereiro, 2002.
- CORMEN, T. et al. **Introduction to Algorithms**, 2a Edição. MIT Press, EUA, 2001.
- COSTA, L.; FDIDA, S.; DUARTE, O. Hop by Hop Routing Multicast Protocol. **Proceedings of ACM SIGCOMM'2001**, San Diego, EUA, Agosto, 2001.

COSTA, L.; FDIDA, S.; DUARTE, O. Analyzing the Effects of Asymmetric Unicast Routes on Multicast Routing Protocols. **Journal of the Brazilian Computer Society**, vol. 7, no. 2, pp. 5-15, Novembro, 2001.

CROWCROFT, J.; HANDLEY, M.; WAKEMAN, I. **Internetworking Multimedia**. EUA, Ed. Morgan Kaufmann, 1999.

DEERING, S. E. Host Extensions for IP Multicasting. **RFC 1112**, Agosto, 1989.

DEERING, S. Multicasting Routing in a Datagrama Internetwork. **Tese de Ph. D.**, Computer Science Department, Stanford University, 1991.

DEERING, S. E. et al. The PIM Architecture for Wide-Area Multicast Routing. **IEEE ACM Transactions on Networking**, vol. 4, no. 2, pp. 153-162, 1996.

DEERING, S. et al. Internet Protocol Version 6, Specification. **RFC2460**, Dezembro, 1998.

DIOT, C. et al. Multipoint Communication: A Survey of Protocols Functions and Mecanismos. **IEEE Journal on Selected Areas in Communications**, vol.15, no.3, pp. 277-290, Abril, 1998.

DIOT, C.; et al. Deployment Issues for the IP Multicast Service Architecture. **IEEE Network**, vol. 14, no. 1, pp. 78-88, Janeiro/Fevereiro, 2000.

DOBBELAERE, P. et al., Digital MEMS for Optical Switching. **IEEE Communications Magazine**, vol. 40, no. 3, Março, 2002.

DOSHI, B. et al. A Simple Data Link Protocol For High Speed Packet Networks. **Bell Labs Technical Journal**, vol. 4, no. 1, pp. 85-104, Janeiro/Março, 1999.

DUBRAY, K. Terminology for IP Multicast Benchmarking. **RFC 2432**, Outubro, 1998.

DUSER, M. et al. Bandwidth Utilisation and Wavelength Re-Use in WDM OBS Networks. **Proceedings IFIP/TC6 5th Working-Conference on Optical Network Design and Modelling**, Viena, Áustria, Fevereiro, 2001.

ESTRIN, D. et al. Protocol Independent Multicast-Sparse Mode: Specification. **RFC2362**, Junho, 1998.

FARINACCI, D. et al. Using PIM to Distribute MPLS Labels for Multicast Routes. **Internet Draft**, draft-farinacci-mpls-multicast-03.txt, Novembro, 2000.

FENNER, B. et al. Protocol Independent Multicast - Sparse Mode (PIM-SM): Protocol Specification (Revised). **Internet Draft**, draft-ietf-pim-sm-v2-new-07.txt, Março, 2003.

FLOYD, S. et al. A Reliable Multicast Framework for Light-Weight Sessions and Application Level Framing. **Proceedings of ACM SIGCOMM**, 1995.

FRANCIS, P. YOID: Extending the Internet Multicast Architecture. **Sítio da proposta**, URL:<http://www.yoid.com>. Acessado em: Abril, 2000.

GREEN, J. **Optical Networking: Executive Briefing in Key Technologies**. McGraw-Hill. New York, EUA, 2001.

GUILÉMOT, C. et al. Transparent Optical Packet Switching: The European ACTS KEOPS project Approach. **IEEE Journal Lightwave Tech**, vol. 16, no. 12, pp. 2117-2134, Dezembro, 1998.

HE, J; CHAN, S.-H.; TSANG, D. Routing and Wavelength Assignment for WDM Multicast Networks. **Proceedings IEEE Globecom'01**, San Antonio, Texas, EUA, Novembro, 2001.

HERNANDEZ-VALENCIA, E.; SCHOLTEN, M.; Zhu, Z. The Generic Framing Procedure (GFP): An Overview. **IEEE Communications Magazine**, vol. 40, no. 5, pp. 63-71, Maio, 2002.

HOLBROOK, H. et al. IP Multicast Channels: EXPRESS Support for Large-Scale Single-source Applications. **Anais ACM SIGCOMM'99**, Setembro, 1999, pp. 65-78.

HOLBROOK, H. e CAIN, B. Source-Specific Multicast for IP. **Internet Draft**, draft-ietf-ssm-arch-02.txt, Março, 2003.

IEEE 802.3. **Padrão 802.3 CSMA/CD (ETHERNET)**. <http://grouper.ieee.org/groups/802/3/>. Acessado em: Novembro, 1999.

IEEE 802.3ae **Padrão 802.3ae 10 Gigabit Ethernet**. <http://grouper.ieee.org/groups/802/3/>. Acessado em: Março, 2000.

IETF. **Internet Engineering Task Force**. <http://www.ietf.cnri.reston.va.us/>. Acessado em: Novembro, 2002.

ITU. **International Telecommunication Union**. <http://www.itu.int/ITU-T/studygroups/index.html>. Acessado em: Fevereiro, 2002.

ITU-T. **Recomendation. G.707**. Network Node Interface for SDH. Outubro, 2000.

IZAL, M.; ARACIL, J. On the Influence of Self-Similarity on Optical Burst Switching Traffic. **Proceeding GLOBECOM2002**. Taipei, Taiwan, Novembro, 2002.

JAIN, R. **Sítio do prof. Rain Jain**. <http://www.cis.ohio-state.edu/~jain>. Acessado em: Março, 2002.

JEONG, M.; CANKAYA, H. QIAO, C. On a New Multicasting Approach in Optical Burst Switched Networks. **IEEE Communications Magazine**, vol. 16, no. 11, pp. 96-102, Novembro, 2002.

JOURDAN, A., et al. The Perspective of Optical Packet Switching in IP-Dominant Backbone and Metropolitan Networks. **IEEE Communications Magazine**, vol. 15, no. 03, pp 136-141, Março, 2001.

JUMPSTART Project. **Sítio do projeto**. <http://jumpstart.anr.mcnc.org>. Acessado em: Maio, 2002.

KATZ, D. et al. Traffic Engineering Extensions to OSPF. **Internet Draft**, draft-katz-yeung-ospf-traffic-09.txt, Dezembro, 2002.

KERSHENBAUM, A. **Telecommunications Network Design Algorithms**. McGraw-Hill, EUA, 1993.

KESHAV, S. **An Engineering Approach to Computer Networking**. Addison-Wesley. EUA, 1997.

KEOPS Project. KEys to Optical Packet Switching. **Sítio do projeto**. <http://www.cordis.lu/infowin/acts/rus/projects/ac043.htm>. Acessado em: Agosto, 2002.

- KOMPELLA, K. et al. Routing Extensions in Support of Generalized MPLS. **Internet Draft**, draft-ietf-ccamp-gmpls-routing-05.txt, Agosto, 2002.
- LEVINE, B. e GARCIA-LUNA-ACEVES, J. Improving Internet Multicast with Routing Labels. **Proceedings IEEE International Conference on Network Protocols**, Outubro, 1997.
- LEVINE, B., et al. Consideration of Receiver Interest for IP Multicast Delivery. **Proceedings INFOCOM 2000**, Tel Aviv, Israel, Março, 2000.
- LISTANI, M. e ERAMO, V. Architectural and Technological Issues for Future Optical Internet Networks. **IEEE Communications Magazine**, vol. 14, no. 9, pp. 81-93, Setembro, 2000.
- MALIS, A.; SIMPSON, W. PPP over SONET/SDH. **RFC 2615**, Junho, 1999.
- MALLI, R.; ZHANG, X.; QIAO, C. Benefits of Multicasting in All-Optical networks. **Proceedings of SPIE All optical Networking**, Novembro, 1998, pp.209-220.
- MAGALHÃES, M.; CARDOZO, E. Introdução à Comutação IP por Rótulos Através de MPLS. **Livro texto dos Minicursos, 19º Simpósio Brasileiro de Redes de Computadores (SBRC2002)**, Cap. 3, Florianópolis, SC, Brasil, Maio, 2001.
- MANNIE E. (editor). Generalized Multi-Protocol Label Switching (GMPLS) Architecture. **Internet Draft**, draft-ietf-ccamp-gmpls-architecture-04.txt, Fevereiro, 2003.
- MANNIE E.; PAPADIMITRIOU D. Generalized Multi-Protocol Label Switching Extensions for SONET and SDH Control. **Internet Draft**. draft-ietf-ccamp-gmpls-sonet-sdh-08.txt, Fevereiro, 2003.
- MASETTI, F. et al., Fiber Delay Lines Optical Buffer for ATM Photonic Switching Applications. **Proceedings of IEEE INFOCOM93**, vol. 3, Março, 1993, pp. 935-42.
- McCANNE, S. et al. Low-Complexity Video Coding for Receiver Driven Layered Multicast. **IEEE Journal On Selected Areas In Communications**, vol. 15, no. 6, Agosto, 1996.
- MEYER, D.; LOTHBERG, P. GLOP Addressing in 233/8. **RFC3180**, Setembro, 2001.
- MEYER, D. e FENNER, B. Multicast Source Discovery Protocol. **Internet draft**, draft-ietf-msdp-spec-13.txt, Novembro, 2001.
- MOY, J. Multicast Extensions to OSPF. **RFC 1584**, Março, 1994.
- MUKHERJEE, B. WDM Optical Communication Networks: Progress and Challenges. **IEEE Journal on Selected Areas in Communications**, vol. 18, no. 10, pp. 1810-1824, Outubro, 2000.
- MURTHY, C. e GURUSAMY, M. **WDM Optical Networks**. Prentice Hall. EUA, 2002.
- NS. Network Simulator. **Sítio do simulador**. Url: <http://www.isi.edu/nsnam>. Acessado em: março, 2003.

OIF. **Optical Internetworking Forum**. <http://www.oiforum.com/>. Acessado em: Agosto, 2002.

OOMS, D. et al. Framework for IP Multicast in MPLS. **RFC 3353**, Agosto, 2002.

OSBORNE E.; SIMHA A. **Traffic Engineering with MPLS**. Cisco Press, EUA, 2002.

PAPADIMITRIOU, D. et al. Optical Multicast in Wavelength Switched Networks. **Internet Draft**, draft-poj-optical-multicast-02.txt, Novembro, 2001.

PENDARAKIS, D., et al. ALMI: An Application Level Multicast Infrastructure. **Anais 3º USENIX Symposium on Internet Technologies**. San Francisco, EUA, março, 2001.

PERLMAN, R. et al. SIMPLE Multicast: A Design for Simple, Low-Overhead Multicast. **Internet Draft**, draft-perlman-simple-multicast-03.txt, Maio, 1999.

PRAGYANSMITA, P.; RAGHAVAN, S. V. Survey of Multicast Routing and Protocols. **Proceedings of 15º International Conference on Computer Communication (ICCC2002)**, Mumbai, India, Agosto, 2002, pp. 902-926.

QIAO, C. e YOO, M. Optical Burst Switching (OBS) – A New Paradigm for an Optical Internet. **Journal of High Speed Networks (JHSN)**, vol. 8, no. 1, pp. 69-84, Agosto, 1999.

QIAO, C. et al. WDM Multicasting in IP over WDM Networks. **IEEE ICNP'99 Proceedings**, Novembro, 1999, pp. 89-96.

QIAO, C.; YOO, M. Choices, Features and Issues in Optical Burst Switching (OBS). **Optical Network Magazine**, vol.1 no. 2, pp. 36-44, Abril, 2000.

QIAO, C. Labelled Optical Burst Switching for IP over WDM Integration. **IEEE Communications Magazine**. vol. 38, no. 9, pp. 104-114, Setembro, 2000.

RAJAGOPALAN, B. et al., IP over Optical Networks: A Framework. **Internet Draft**, draft-ietf-ipo-framework-03.txt, Janeiro, 2003.

RAMASWAMI, R.; SIVARAJAN, K. **Optical Networks: A Practical Perspective**, 2ª ed., Morgan-Kaufman. EUA, 2002.

RODRIGUES, M. A., COLCHER, S. e SOARES, L. F. G. Um Framework para a Provisão de Serviço de Multicast em Ambientes Genéricos de Processamento e Comunicação. **Anais do 17º Simpósio Brasileiro de Redes de Computadores SBRC'1999**, Salvador, BA, Maio, 1999.

ROSEN, E. et al. Multiprotocol Label Switching Architecture. **RFC3031**, Janeiro, 2001.

SAHASRABUDDHE, L. e MUKHERJEE, B. Light-Trees: Optical Multicasting for Improved Performance in Wavelength-Routed Networks. **IEEE Communications Magazine**, vol. 36, no. 2, pp. 67-73, Fevereiro, 1999.

SAHIN, G. e AZIZOGLU, M. Routing and Wavelength Assignment in All-Optical Networks with Multicast Traffic. **European Transaction on Telecommunications**, vol. 11, no 1, pp. 55-62, Janeiro/Fevereiro, 2000.

SSM. **Source-Specific Multicast working group**. <http://www.ietf.org/html.charters/ssm-charter.html>. Acessado em: Novembro, 2002.

- SPEAKMAN, T. et al. Pretty Good Multicast Transport Protocol Specification. **Internet Draft**. draft-speakman-pgm-spec-02.txt, Janeiro, 1998.
- SREENATH, N., MOHAN, G. e MURTHY, C. . Virtual Source Based Multicast Routing in WDM Optical Networks. *Photonic Network Communications*, vol. 3, no. 3, pp. 217-230, Julho, 2001.
- STOICA, I., et al. REUNITE: A Recursive Unicast Approach to Multicast. **Proceedings of INFOCOM 2000**. Tel Aviv, Israel, Março, 2000.
- STRIEGEL, A. MANIMARAN, G. A Scalable Approach for DiffServ Multicasting. **Proceedings of International Conf. On Communications - ICC2001**. Helsinki, Finlândia. Junho, 2001, pp. 371-379.
- TIAN, J.; NEUFELD, G. Forwarding State Reduction for Sparse Mode Multicast Communications. **Proceedings of IEEE INFOCOM98**, Março, 1998.
- THALER, D.; HANDLEY, M.; ESTRIN, D. The Internet Multicast Address Allocation Architecture. **RFC 2908**, Setembro, 2000.
- THALER, D.; ESTRIN, D.; MEYER, D. Border Gateway Multicast Protocol: Specification. **Internet Draft**, draft-ietf-bgmp-spec-02.txt, Novembro, 2000.
- VEERARAGHAVAN, M., et al. Architectures and Protocols that Enable New Applications on Optical Networks. **IEEE Communications Magazine**, vol. 39, no. 3, pp. 118-127, Março, 2001.
- VINT PROJECT. Virtual InterNetwork Testbed. Outubro. <http://www.isi.edu/nsnam/vint/>. Acessado em: Novembro, 2002.
- WAITZMAN, D. et al. Distance-Vector Multicast Routing. **RFC 1075**, Novembro, 1988.
- WANG, J. **Sítio da estudante de Ph.D.** <http://www.utdallas.edu/~jpwang>. Acessado em: Agosto, 2002.
- WINTER, P. Steiner Problem in Networks: A Survey. **Networks**, vol. 17, pp. 129-167, 1987.
- XIAO, X. et al. Internet QoS: A Big Picture. **IEEE Network**, vol. 13, no. 2, pp. 8-18, Março, 1999
- XIAO, X. et al. Traffic Engineering with MPLS in the Internet. **IEEE Network**, vol. 14 no. 2, pp. 28-33, Março, 2000.
- XU, Y; BASU, A; XUE, Y. A BGP/GMPLS Solution for Inter-Domain Optical Networking. **Internet Draft**, draft-xu-bgp-gmpls-02.txt, Junho, 2002.
- YU, X.; CHEN, Y.; QIAO, C. Performance Evaluation of Optical Burst Switching with Assembled Burst Traffic Input. **Proceeding GLOBECOM2002**, Taipei, Taiwan, Novembro, 2002.
- YOO, M.; QIAO, C.; DIXIT, S. QoS Performance of Optical Burst Switching in IP-Over-WDM Networks. **IEEE Journal on Selected Areas in Communication**, vol.18, no. 10, Outubro, 2000.
- ZAGARI, E.; BADAN, T.; PRADO, C.; CARDOZO E.; MAGALHÃES, M. Uma Plataforma para Engenharia de Tráfego com Qualidade de Serviço em Rede MPLS. **Anais do 20o. Simpósio Brasileiro de Redes de Computadores, SBRC 2002**, Búzios, RJ, Maio, 2002.

ZHANG, X.; WEI, J.; QIAO, C. On Fundamental Issues in IP over Multicast. **IEEE Int'l Conference on Computer Communications and Networks**, Outubro, 1999, pp. 84-90.