
Referencias Bibliográficas

- [ABS95] E. Amir. H. Balakrishnan. S. Seshan. R. Katz. Efficient TCP over Networks with Wireless Links. Proceedings HotOS-V. Mayo 1995.
- [ADL95] J. S. Ahn. P. B. Danzing. Z. Liu. L. Yan. Evaluation of TCP Vegas: Emulation and Experiment. SIGCOMM'95. p185-195.
(<http://excalibur.usc.edu/research/vegas/doc/vegas.html>)
- [All98] M.Allman. On the Generation and Use of TCP Acknowledgments. ACM Computer Communication Review. Octubre 1998.
(<http://gigahertz.lerc.nasa.gov/~mallman/papers/acks.ps>)
- [BaB95] A. Bakre. B. R. Badrinath. I-TCP: Indirect TCP for Mobile Hosts. In Proc. 15th International Conference on Distributed Computing Systems (ICDCS). Mayo 1995.
- [BaB97] A. Bakre. B. R. Badrinath. Implementation and performance Evaluation of Indirect-TCP. IEEE Trans on Computers. 46(3). Marzo 1997.
- [BaK98] H. Balakrishnan. R. H. Katz. Explicit loss notification and Wireless Performance. Globecom'98. Sydney. Australia. Noviembre 1998.
- [BBK96] P. Bhagwat. P. Bhattacharya. A. Krishna. S. Tripathi. Enhancing throughput over wireless LANs using Channel State Dependent Packet Scheduling. IEEE INFOCOM 1996.

- [BBK97] P. Bhagwat. P. Bhattacharya. A. Krishna. S. Tripathi. Using channel state dependent packet scheduling to improve TCP throughput over wireless LANs. *Wireless Networks* 3 (1997) 91-102.
- [BeS95] L. Benmohamed. D. Su. Analysis of the Rate- Based traffic Management proposal for ATM Networks. *IEE Journal on Selected Areas in Communications*. Mayo 1995.
- [BiV97] S. Biaz. N. H. Vaidya. Using End-to-End Statistics to Distinguish Congestion and Corruption Losses: A Negative Result. Technical Report 97-009. Computer Science. Texas A&M Univ. Agosto 1997.
- [BiV98a] S. Biaz. N.H. Vaidya. Performance of TCP Congestion Predictors as Loss Predictors. Technical Report 98-007. Marzo 1998.
- [BiV98b] S. Biaz. N. H. Vaidya. Distinguishing Congestion Losses from Wireless Transmission Losses: A Negative Result. Seventh International Conference on Computer Communications and Networks (IC3N) p722-730. New Orleans. Octubre 1998.
- [BiV99] S. Biaz. N. H. Vaidya. Discriminating Congestion Losses from Wireless Losses using Inter-Arrival Times at the Receiver. *IEEE Symposium ASSET'99*. Richardson. TX. USA p10-17. Marzo 1999.
- [BKV96] B. Bakshi. P. Krishna. N. H. Vaidya. D. K. Pradhan. Improving Performance of TCP over Wireless Networks. Technical Report TR-96-014. Mayo 1996.
- [Bla94] Uyles D. Black. *Frame Relay Networks: specifications and implementations*. Ed. McGraw-Hill. 1994.
- [BoF95] F. Bonomi. K. W. Fendick. The Rate-Based Flow Control Framework for the Available Bit Rate ATM Service. *IEE Network*. Marzo/Abril 1995.
- [BPK97] H. Balakrishnan. V. N. Padmanabhan. R. H. Katz. The Effects of Asymmetry on TCP Performance. In *Proc. 3rd ACM/IEEE MobiCom*. Septiembre 1997.
- [BPS97] H. Balakrishnan. V. N. Padmanabhan. S. Seshan. R. H. Katz. A Comparison of Mechanisms for Improving TCP Performance over Wireless Links. *IEEE/ACM Trans on Networking*. 5(6). Diciembre 1997.
- [BrP95a] L. S. Brakmo. L. L. Peterson. Performance Problems in BSD4.4 TCP. *ACM SIGCOMM'95 Computer Communication Review* p69-86.

- [BrP95b] L. Brakmo. L. Peterson. TCP Vegas: End to End Congestion Avoidance on a Global Internet. IEEE Journal on Selected Areas in Communications. vol.13 no.8 p1465-1480. Octubre 1995.
- [BrS97] K. Brown. S. Singh. M-TCP: TCP for Mobile Cellular Networks. ACM SIGCOMM Computer Communication Review. 27(5) p19-43. Octubre 1997.
- [BSA95] H.Balakrishnan. S.Seshan. E.Amir. R.H.Katz. Improving TCP/IP Performance over Wireless Networks. 1st ACM International Conference on Mobile Computing and Networking (MobiCom'95). Noviembre 1995.
- [BSK95] H. Balakrishnan. S. Seshan. R. Katz. Improving Reliable Transport and Handoff Performance in Cellular Wireless Networks. ACM Wireless Networks 1 (1995) p469-481. Diciembre 1995.
- [CaI95] R. Caceres. L. Iftode. Improving the Performance of Reliable Transport Protocols in Mobile Computing Environments. IEEE Journal on Selected Areas in Communications. vol.13 no.5 p850-857. Junio 1995.
- [CAM93] CAM GmbH. Michael Kloe: Ground Service Processor. Online Realtime Return Space Packet Service. Technical Note. Version 1.0. ESA Contract 10036/92/D/DK (CAM93). Agosto 1993.
- [CaP98a] A. Calveras. J. Paradells. Performance Optimization Evaluation of TCP/IP Over Wireless Networks. IEEE International Performance, Computing and Communications Conference. Phoenix/Tempe (Arizona). USA. Febrero 1998.
- [CaP98b] A. Calveras. J. Paradells. TCP/IP Over Wireless Links: Performance Evaluation. 48th Annual Vehicular Technology Conference (VTC '98). Ottawa. Ontario. Canada. Mayo 1998.
- [CAP99a] A. Calveras. M. Arnau. J. Paradells. A controlled Overhead for TCP/IP Header Compression Algorithm over Wireless Links. The 11th International Conference on Wireless Communications (Wireless'99). Calgary. Alberta. Canada. Julio 1999.
- [CAP99b] A. Calveras. M. Arnau. J. Paradells. An Improvement of TCP/IP Header Compression Algorithm for Wireless Links. Third World Multiconference on Systemics, Cybernetics and Informatics (SCI'99), and the Fifth International Conference on Information Systems Analysis and Synthesis (ISAS'99). Orlando. USA. Julio/Agosto 1999.

- [CCJ95] A. Charny. D. D. Clark. R. Jain. Congestion Control With Explicit Rate Indication. IEEE95 p1954-1963.
- [CCSDS92a] Description of CCSDS Ground Infrastructure Cross-Support Services. Volume 1: Service Concept (DRAFT). (CCSDS-P3V1). Abril 1992.
- [CCSDS92b] Description of CCSDS Ground Infrastructure Cross-Support Services. Volume 2: Space Data Services. (CCSDS-P3V2). Abril 1992.
- [CGS] Y. Chang. N. Golmie. D. Su. A Rate Based Flow Control Switch Design for ABR Service in an ATM Network.
- [CLP98a] A. Calveras. J. Linares. J. Paradells. Window Prediction Mechanism for Improving TCP in Wireless Asymmetric Links. Globecom'98. Sydney Australia. Noviembre 1998.
- [CLP98b] A. Calveras. J. Linares. J. Paradells. Adaptive Delayed-ack Mechanism for Improving TCP in Wireless Asymmetric Links. MOMUC'98. Berlin. Germany. Octubre 1998.
- [CLP99] A. Calveras. J. Linares. J. Paradells. Mejoras del Protocolo TCP en enlaces asimétricos. IX Jornadas Telecom I+D. Barcelona Madrid. Noviembre 1999.
- [CPP98] A. Calveras. J. Paradells. J. Puga. K-J. Schulz. Dynamic rate Adaptation for Efficient use of Frame Relay Networks. Broadband Communications '98. Stuttgart. Germany. Abril 1998.
- [CRP97] A. Calveras. R. Rebollo. J. Paradells. La Arquitectura TCP/IP en Entornos Móviles. Telecom I+D '97. Madrid. Octubre 1997.
- [CTG97] A. Chan. D. Tsang. S. Gupta. TCP (Transmission Control Protocol) over Wireless Links. 47th Annual Vehicular Technology Conference (VTC'97). p1326-1330. 1997
- [DCY93] A. DeSimone. M. Chuah. O. Yue. Throughput Performance of Transport-Layer Protocols over Wireless LANs. Proceedings Globecom'93. Diciembre 1993.
- [DDK90] W. A. Doeringer. D. Dykeman. M. Kaiserswerth. B. W. Meister. H. Rudin. R. Williamson. A survey of light-weight transport protocols for high-speed networks. IEEE Transactions on Communications. vol. 38. no. 11 p2025-2039. Noviembre 1990.

- [Deg98] M. Degermark. B. Nordgren. S. Pink. draft-degermark-ipv6-hc-06.txt. Junio 1998.
- [DEN96] M. Degermark. M. Engan. B. Nordgren. S. Pink. Low loss TCP/IP Header Compression for Wireless Networks. Proceedings of the ACM Mobicom'96 Conference. Rye. New York. Noviembre 1996.
(<ftp://cdt.luth.se/micke/low-loss-hc.ps.Z>)
- [DuR94] D. Duchamp. N. Reynolds. Measured Performance of a Wireless LAN. Proceedings of the 17th Conference on Local Computer Networks. Septiembre 1994.
- [FaF96] K. Fall. S. Floyd. Simulation-based Comparisons of Tahoe, Reno and SACK TCP. ACM SIGCOMM Computer Communications Review p5-21. Julio 1996.
(<ftp://ftp.ee.lbl.gov/papers/sacks.ps.Z>)
- [FIJ93] S. Floyd. V. Jacobson. Random Early Detection Gateways for Congestion Avoidance. IEEE/ACM Transactions on Networking. 1(4):397-413. Agosto 1993.
- [FIM96] S. Floyd. S. McCanne. Network Simulator. LBNL public domain software. 1996.
(<http://www-mash.cs.berkeley.edu/ns>)
- [Flo94] S. Floyd. TCP and explicit congestion notification. ACM SIGCOMM Computer Communication Review v24 n5 p10-23. Octubre 1994.
(ftp://ftp.ee.lbl.gov/papers/tcp_ecn.4.ps.Z)
- [Flo95] S. Floyd. TCP and Successive Fast Retransmits. Technical Report. Lawrence Berkeley Laboratory. Mayo 1995.
- [Fri67] B. Fritchman. A Binary Channel Characterisation Using Partitioned Markov Chains. IEEE Transactions on Information Theory. vol.13 no.2. Abril 1967.
- [Hei92] J. Heinanen. Frame relay as a multiprotocol backbone interface. Computer Networks and ISDN Systems. 25 p363-369. North-Holland. 1992.
- [Hoe96] J. Hoe. Improving the Start-Up Behavior of a Congestion Control Scheme for TCP. SIGCOMM'96 Symposium on Communications Architectures and Protocols. Agosto 1996.
- [HoV99] G. Holland. N. H. Vaidya. Analysis of TCP Performance over Mobile Ad Hoc Networks. Fifth Annual International Conference on Mobile Computing and Networking (MOBICOM'99). Seattle. Agosto 1999.

- [Jac88] V. Jacobson. Congestion avoidance and Control. In Proc. ACM SIGCOMM'88 (Computer Communication Review). vol. 18. no. 4. pp. 314-329. Agosto 1988.
- [Jai] Raj Jain. Myths about Congestion Management in High Speed Networks. (<http://www.cis.ohio-state.edu/~jain/papers/cnis.ps>)
- [Jai96] R. Jain. Congestion Control and Traffic Management in ATM Networks: Recent Advances and A Survey. Agosto 1996.
- [Joh92] J. Johnson. Coping with public frame relay: a delicate balance. Data Communications p31-38. Enero 1992.
- [Joh95] S. R. Johnson. Increasing TCP Throughput by using an Extended Acknowledgement Interval. Master's Thesis. Ohio University. Junio 1995.
- [Jub94] R. Jubainville. Congestion control for frame relay. Telecommunications p77-80. Marzo 1994.
- [KaP87] P. Karn. C. Partridge Round Trip Time Estimation. ACM SIGCOMM'87. Agosto 1987.
- [Kar96] P. Karn. Dropping TCP acks. Mail to the end-to-end mailing list. Febrero 1996.
- [KaS78] L. Kanal. A. Sastry. Models for Channels with Memory and Their Applications to Error Control. Proceedings of the IEEE. vol.66 no.7. p724-743. Julio 1978.
- [KaV95] L. Kalampoukas. A. Varma. Performance of TCP over Multi-Hop ATM Networks: A Comparative Study of ATM-Layer Congestion Control Schemes. Febrero 1995.
- [KJF] S. Kalyanaraman. R. Jain. S. Fahmy. R. Goyal. F. Lu. S. Srinidhi. Performance of TCP over ABR.
- [KuM95] T. Kung. R. Morris. Credit-Based Flow Control for ATM Networks. IEE Network Marzo/Abril 1995.
- [KyA] Othmar Kyas. ATM Networks. Thomsom Publishing
- [LMS97] T. V. Lakshman. U. Madhow. B. Suter. Window-based Error Recovery and Flow Control with a Slow Acknowledgement Channel: A Study of TCP/IP Performance. INFOCOM'97. Abril 1997.

- [MeV97] M. N. Mehta. N. H. Vaidya. Delayed Duplicate-Acknowledgements: A proposal to Improve Performance of TCP on Wireless Links. Department of Computer Science. Texas A&M University. Diciembre 1997.
- [MGS95] P. Manzoni. D. Ghosal. G. Serazzi. Impact of Mobility on TCP/IP: An Integrated Performance Study. IEEE Journal on Selected Areas in Communications. vol.13 no.5. p858-867. Junio 1995.
- [MyS93] A. Myles. D. Skellern. Comparison of Mobile Host Protocols for IP. Technical Report. Macquarie University in Sydney (Australia). Abril 1993.
- [Par98] C. Partridge. ACK Spacing for High Delay-Bandwidth Paths with Insufficient Buffering. Internet-Draft draft-rfced-info-partridge-00.txt. Agosto 1998.
- [PeM97] S.J. Perkins. M. W. Mutka. Dependency Removal for Transport Protocol Header Compression over Noisy Channels. IEEE International Conference on Communications. (ICC'97) p1025-1029. Montreal. Canada. Junio 1997.
- [PIM92] A. Platt. M. J. Morse. Traffic management in frame relay networks. Computer networks and ISDN systems 23 p305-316. North-Holland. 1992
- [PRY] Martin de Prycker. Asynchronous Transfer Mode. Solution for broadband ISDN. Prentice Hall.
- [RaN95] K. K. Ramakrisman. P. Newman. Integration of Rate and Credit Schemes for ATM Flow Control. IEE Network Marzo/Abril 1995.
- [Rep95] Sema Group. Study on Frame Relay Communications Between Telemetry End Systems. JESA Rep. Ref. CR (P) 3917. Julio 1995.
- [RFC1122] R. Braden. Requirements for Internet Hosts – Communication Layers. Octubre 1989.
- [RFC1144] V. Jacobson. Compressing TCP/IP Headers for Low Speed Serial Lines. Febrero 1990.
- [RFC1191] J.C. Mogul. S.E. Deering Path MTU discovery. Noviembre 1990.
- [RFC1323] V. Jacobson. R. Braden. D. Borman. TCP Extensions for High Performance. Mayo 1992.
- [RFC1548] W. Simpson. The Point-to-Point Protocol (PPP).
- [RFC1663] D. Rand. PPP Reliable Transmission.

- [RFC1700] J. Reynolds. J. Postel Assigned Numbers. Octubre 1994.
- [RFC2018] M. Mathis. J. Mahdavi. S. Floyd. A. Romanow. TCP Selective Acknowledgement Options. Octubre 1996.
- [RFC2414] M. Allman. S. Floyd. C. Partridge Increasing TCP's Initial Window. Septiembre 1998.
- [RFC2415] Poduri. K. Nichols. Simulation Studies of Increased Initial TCP Window Size. K. Septiembre 1998.
- [RFC2481] K. Ramakrishnan. S. Floyd. A Proposal to add Explicit Congestion Notification (ECN) to IP. Enero 1999.
- [RFC2507] M. Degermark. B. Nordgren. S. Pink. IP Header Compression. Febrero 1999
- [RFC2508] S. Casner. V. Jacobson. Compressing IP/UDP/RTP Headers for Low-Speed Serial Links. Febrero 1999.
- [RFC2509] M. Engan. S. Casner. C. Bormann. IP Header Compression over PPP. Febrero 1999.
- [RFC2581] M. Allman. V. Paxson. W. Stevens. TCP Congestion Control. Abril 1999.
- [RFC793] J. B. Postel. Transmission Control Protocol Darpa Internet Program Protocol Specification. Septiembre 1981.
- [RFC813] D.D. Clark. Window and Acknowledgement Strategy in TCP. 1982.
- [RoF95] A. Romanow. S. Floyd. Dynamics of TCP Traffic over ATM Networks. IEE Journal on Selected Areas in Communications. Mayo 1995.
- [Sch96] Schulzrinne. S. H. Binary Congestion Notification in TCP. IEEE p772-776 Junio 1996.
- [SDW92] W. T. Strayer. B. J. Dempsey. A. C. Weaver. XTP: The xpress transfer Protocol. Ed. Addison-Wesley. 1992.
- [Smi93] Philip Smith. Frame Relay: Principles and Applications. Ed. Addison-Wesley. 1993.
- [SNS98] Hadi Salim. J. Nandy. B.. Seddigh. N. A proposal for Backward ECN for the Internet Protocol (IPv4/IPv6). Internet Draft draft-salim-jhsbnns-ecn-00.txt. trabajo en progreso. Junio 1998.

- [Ste94] W. R. Stevens. TCP/IP Illustrated. Volume 1: The Protocols. New York: Addison-Wesley. 1994.
- [STK91] T. Sato. K. Tokuda. M. Kawabe. T.Kato. Simulation of Burst Error Models and an Adaptive Error Control Speed Data Transmission over Analog Cellular Systems. IEEE Transactions on Vehicular Technology. vol.40. n2. Mayo 1991.
- [SwF94] F. Swarts. H. C. Ferreira. Markov Characterization of Digital Fading Mobile VHF Channels. IEEE Transactions on Vehicular Technology. v43. n4. Noviembre 1994.
- [Tsa69] S. Tsai. Markov Characterization of the HF Channel. IEEE Transactions on Communications Technology. v COM-17. p24-32. Febrero 1969.
- [ViH97] V. Visweswaraiah. J. Heidemann. Improving Restart of Idle TCP Connections. Technical Report 97-661. University of Southern California. Agosto 1997.
- [WaM95] H. Wang. N. Moayeri. Finite State Markov Channel. A Useful Model for Radio Communication Channels. IEEE Transactions on Vehicular Technology. pag.163-171. Febrero 1995.
- [WeV97] S. West. N. H. Vaidya. TCP Enhancements for Heterogeneous Networks. . Technical Report 97-003. Computer Science. Texas A&M Univ. Abril 1997.
- [XTP] XTP Revision 3.6.
- [YaB94] R. Yavatkar. N. Bhagwat. Improving end-to-end performance of TCP over mobile internetworks. In Mobile Workshop on Mobile Computing Systems and Applications. Diciembre 1994.