

Background/Optional Reading List for DigiCommII

Items marked * should really be read by any budding Internaut.

[Cla88]	D. D. Clark, "The Design Philosophy of the DARPA Internet Protocols", Proc. ACM SIGCOMM'88, pp106-114, August 1988.	*
[CSZ92]	D. D. Clark, S. Shenker, L. Zhang, "Supporting Real-Time Applications in an Integrated Services Packet Network: Architecture and Mechanism", Proc. ACM SIGCOMM'92, pp14-26, August 1992.	*
[FJ93]	S. Floyd, V. Jacobson, "Random Early Detection Gateways for Congestion Avoidance", IEEE/ACM Transactions on Networking, vol. 1, no. 4, August 1993, pp. 397-413	
[FJ95]	S. Floyd, V. Jacobson, V., "Link-sharing and Resource Management Models for Packet Networks", IEEE/ACM Transactions on Networking, vol. 3, no. 4, pp. 365-386, August 1995	
[Gol94]	S. J. Golestani, "A Self-Clocked Fair Queuing Scheme for Broadband Application", Proc. IEEE INFOCOM'94, Toronto, June 1994, pages 636-646	
[GP93]	Abhay K.Parekh, and Robert G.Gallager, "A generalized processor sharing approach to flow control in integrated services networks: the single-node case", IEEE/ACM Transactions on Networking vol. 1, no. 3 (1993), pages 344-357	
[GP94]	Abhay K.Parekh, and Robert G.Gallagher, "A generalized processor sharing approach to flow control in integrated services networks: the multiple node case", IEEE/ACM Transactions on Networking, Volume 2, Issue 2 (1994), pages 137-150	
[Kle75]	L. Kleinrock, "Queuing Systems, Volume 2: Computer Applications", Wiley Interscience, 1975	
[KLS98]	V. P. Kumar, T. V. Lakshman, D. Stiliadis, "Beyond Best Effort: Router Architectures for the Differentiated Services of Tomorrow's Internet", IEEE Communications, vol. 36, no. 5, May 1998, pp. 152-163	*
[KS98]	S. Keshav, R. Sharma, "Issues and Trends in Router Design", IEEE Communications, vol. 36, no. 5, May 1998, pp. 144-151	*
[Pax97a]	V. Paxson, "End to End Internet Packet Dynamics", Proc. SIGCOMM'97, September 1997.	
[Pax97b]	Vern Paxson, "End-to-End Routing Behavior in the Internet", IEEE/ACM Transactions on Networking, vol. 5. no. 5, October 1997	
[PF95]	V. Paxson, S. Floyd, "Wide-Area Traffic: The Failure of Poisson Modeling", IEEE/ACM Transactions on Networking, vol. 3, no. 3, pp. 226-244, June 1995	
[PF97]	V. Paxson, S. Floyd, "Why we don't know how to simulate the Internet", Proc. 1997 Winter Simulation Conference	*
[RFC1075]	D. Waitzman, C. Partridge, S.E. Deering, "Distance Vector Multicast Routing Protocol", November 1988	
[RFC1581]	G. Meyer, "Protocol Analysis for Extensions to RIP to Support Demand Circuits", February 1994	
[RFC1584]	J. Moy, "Multicast Extensions to OSPF", March 1994.	
[RFC1633]	R. Braden, D. Clark, S. Shenker, "Integrated Services in the Internet Architecture: an Overview", June 1994	*

[RFC1853]	W. Simpson, "IP in IP Tunneling", October 1995	
[RFC1958]	B. Carpenter, "Architectural Principles of the Internet", June 1996.	*
[RFC2201]	A. Ballardie, "Core Based Trees (CBT) Multicast Routing Architecture", September 1997	
[RFC2205]	R. Braden, Ed., L. Zhang, S. Berson, S. Herzog, S. Jamin, "Resource ReSerVation Protocol (RSVP) -- Version 1 Functional Specification", September 1997	
[RFC2208]	A. Mankin, Ed., F. Baker, B. Braden, S. Bradner, M. O'Dell, A. Romanow, A. Weinrib, L. Zhang, "Resource ReSerVation Protocol (RSVP) -- Version 1 Applicability Statement Some Guidelines on Deployment", September 1997	
[RFC2210]	J. Wroclawski, "The Use of RSVP with IETF Integrated Services", September 1997	
[RFC2211]	J. Wroclawski, "Specification of the Controlled-Load Network Element Service", September 1997	
[RFC2212]	S. Shenker, C. Partridge, R. Guerin, "Specification of Guaranteed Quality of Service", September 1997	
[RFC2215]	S. Shenker, J. Wroclawski, "General Characterization Parameters for Integrated Service Network Elements", September 1997	
[RFC2216]	S. Shenker, J. Wroclawski, "Network Element Service Specification Template", September 1997	
[RFC2328]	J. Moy, "OSPF Version 2", April 1998.	
[RFC2362]	D. Estrin, D. Farinacci, A. Helmy, D. Thaler, S. Deering, M. Handley, V. Jacobson, C. Liu, P. Sharma, L. Wei, "Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification", June 1998.	
[RFC2386]	E. Crawley, R. Nair, B. Rajagopalan, H. Sandick, "A Framework for QoS-based Routing in the Internet", August 1998	
[RFC2474]	K. Nichols, S. Blake, F. Baker, D. Black, "Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers", December 1998	
[RFC2475]	S. Blake, D. Black, M. Carlson, E. Davies, Z. Wang, W. Weiss, "An Architecture for Differentiated Service", December 1998	
[RFC2481]	K. Ramakrishnan, S. Floyd, "A Proposal to add Explicit Congestion Notification (ECN) to IP", January 1999.	
[RFC2597]	J. Heinanen, F. Baker, W. Weiss, J. Wroclawski, "Assured Forwarding PHB Group", June 1999	
[RFC2598]	V. Jacobson, K. Nichols, K. Poduri, "An Expedited Forwarding PHB", June 1999	
[She95]	S. Shenker, "Fundamental Design Issues for the Future Internet", IEEE Journal of Selected areas in Communication, no.13, pp1141-1149, 1995	*
[VRC98]	L. Vicisano, L. Rizzo, J. Crowcroft, "TCP-like congestion control for layered multicast data transfer", Proc. IEEE INFOCOM'98, San Francisco, USA, 29 March 1998 – 2 April 1998	
[WGCJF95]	I. Wakeman, A. Ghosh, J. Crowcroft, V. Jacobson, S. Floyd, "Implementing Real Time Packet Forwarding Policies using Streams", Proc. USENIX'95, New Orleans, Louisiana, USA pp71-82, Jan 1995	
[WP98]	W. Willinger and V. Paxson, "Where Mathematics meets the Internet", Notices of the American Mathematical Society, 45(8), August 1998.	