

参考文献

- [1] Paul Albitz and Cricket Liu. *DNS and BIND*. O'Reilly & Associates, Inc., third edition, September 1998.
- [2] D. Scott Alexander, Bob Braden, Carl A. Gunter, Alden W. Jackson, Angelos D. Keromytis, Gary J. Minden, and David Wetherall. Active Network Encapsulation Protocol (ANEP), July 1997. Request for comments: draft, <http://www.cis.upenn.edu/~switchware/ANEP/docs/ANEP.txt>.
- [3] Mark Andrews. Negative caching of DNS queries (DNS NCACHE). Request for Comments: 2308, March 1998.
- [4] Ken Arnold and James Gosling. *The Java programming language*. The Java series. Addison-Wesley, second edition, 1997.
- [5] Tim Berners-Lee, Roy T. Fielding, and Larry Masinter. Uniform Resource Identifiers (URI): Generic syntax. Request for Comments: 2396, August 1998.
- [6] Anawat Chankhunthod, Peter B. Danzig, Chuck Neerdaels, Michael F. Schwartz, and Kurt J. Worrell. A hierarchical Internet object cache. Technical Report 95-611, Computer Science Department, University of Southern California, March 1995.
- [7] Cisco Systems, Inc. Shared network caching and Cisco's Cache Engine, 1997.
- [8] Stephen E. Deering and Robert M. Hinden. Internet Protocol, version 6 (IPv6) specification. Request for Comments: 2460, December 1998.
- [9] Roy T. Fielding, James Gettys, Jeffrey C. Mogul, Henrik Frystyk Nielsen, Larry Masinter, Paul J. Leach, and Tim Berners-Lee. Hypertext Transfer Protocol – HTTP/1.1. Request for Comments: 2616, June 1999.

-
- [10] David Hendricks. A filesystem for software development. In *USENIX Conference Proceedings*, pages 333–340, Anaheim, CA, June 1990. USENIX.
- [11] Michael Hicks, Pankaj Kakkar, Jonathan T. Moore, Carl A. Gunter, and Scott Nettles. PLAN: A Packet Language for Active Networks. In *Proceedings of the Third ACM SIGPLAN International Conference on Functional Programming Languages*, pages 86–93. ACM, 1998.
- [12] Michael Hicks and Angelos D. Keromytis. A secure PLAN. In Stefan Covaci, editor, *Proceedings of the First International Workshop on Active Networks*, volume 1653 of *Lecture Notes in Computer Science*, pages 307–314. Springer-Verlag, June 1999. Extended version at <http://www.cis.upenn.edu/~switchware/papers/secureplan.ps>.
- [13] Michael Hicks, Jonathan T. Moore, D. Scott Alexander, Carl A. Gunter, and Scott Nettles. PLANet: An active internet network. In *Proceedings of the Eighteenth IEEE Computer and Communication Society INFOCOM Conference*, pages 1124–1133. IEEE, 1999.
- [14] Intel Corporation. Intel’s Transparent Cache System, 1999.
- [15] Internet Software Consortium. F.root-servers.net. <http://www.isc.org/services/public/F-root-server.html>.
- [16] David G. Korn and Eduardo Krell. The 3-D file system. In *USENIX Conference Proceedings*, pages 147–156, Baltimore, MD, June 1989. USENIX.
- [17] Chengjie Liu and Pei Cao. Maintaining strong cache consistency in the World-Wide Web. In *Proceedings of the ICDCS’97*, May 1997.
- [18] Paul Mockapetris. Domain Names – concepts and facilities. Request for Comments: 1034, November 1987.
- [19] Paul Mockapetris. Domain Names – implementations and specification. Request for Comments: 1035, November 1987.
- [20] B. Clifford Neuman. Prospero: A tool for organizing internet resources. *Electronic Networking: Research, Applications and Policy*, 2(1):30–37, 1992. Spring.

-
- [21] B. Clifford Neuman. *The Virtual System Model: A Scalable Approach to Organizing Large Systems*. PhD thesis, University of Washington, June 1992. Department of Computer Science and Engineering Technical Report 92-06-04.
- [22] B. Clifford Neuman, Steven Seger Augart, and Shantaprasad Upasani. Using Prospero to support integrated location-independent computing. In *Proceedings of the Symposium on Mobile and Location-Independent Computing*, pages 29–34, August 1993.
- [23] Masataka Ohta. Incremental zone transfer in DNS. Request for Comments: 1995, August 1996.
- [24] Jon Postel. User Datagram Protocol. Request for Comments: 768, August 1980.
- [25] Jon Postel. Internet Protocol. Request for Comments: 791, September 1981.
- [26] Jon Postel. Transmission Control Protocol. Request for Comments: 793, September 1981.
- [27] Jon Postel and Joyce Reynolds. File Transfer Protocol (FTP). Request for Comments: 959, October 1985.
- [28] Russel Sandberg, David Goldberg, Steve Kleiman, Dan Walsh, and Bob Lyon. Design and implementation of the Sun Network Filesystem. In *USENIX Conference Proceedings*, pages 119–130. USENIX, 1985.
- [29] Sun Microsystems, Inc. RPC: Remote procedure call protocol specification version 2. Request for Comments: 1057, June 1988.
- [30] UnxSoft Ltd. The Clarity Web Cache: A transparent caching proxy server. <http://www.unxsoft.com/clarity.html>.
- [31] Amin Vahdat, Michael Dahlin, Thomas Anderson, and Amit Aggarwal. Active Names: Flexible location and transport of wide-area resources. In *Proceedings of the USENIX Symposium on Internet Technologies and Systems (USITS)*. USENIX, October 1999.
- [32] Paul Vixie. A mechanism for prompt notification of zone changes (DNS NOTIFY). Request for Comments: 1996, August 1996.

-
- [33] Thorsten von Eicken, David E. Culler, Seth Copen Goldstein, and Klaus Erik Schauser. Active Messages: a mechanism for integrated communication and computation. In *Proceedings of the 19th International Symposium on Computer Architecture*, pages 256–266, May 1992.
- [34] Brent B. Welch and John K. Ousterhout. Prefix Tables: A simple mechanism for locating files in a distributed system. In *Proceedings of the 6th International Conference on Distributed Computing Systems*, pages 184–189, May 1986.
- [35] Duane Wessels and K. Claffy. Application of Internet Cache Protocol (ICP), version 2. Request for Comments: 2187, September 1997.
- [36] Duane Wessels and K. Claffy. Internet cache protocol (ICP), version 2. Request for Comments: 2186, September 1997.
- [37] David J. Wetherall. *Service Introduction in an Active Network*. PhD thesis, Department of Electrical Engineering and Computer Science, Massachusetts Institute of Technology, February 1999.
- [38] David J. Wetherall, John V. Guttag, and David L. Tennenhouse. ANTS: A toolkit for building and dynamically deploying network protocols. In *IEEE OPENARCH'98*, April 1998. San Francisco, CA.
- [39] Yechiam Yemini and Sushil da Silva. Towards programmable networks. In *IFIP/IEEE International Workshop on Distributed Systems: Operations and Management*, October 1996. L'Aquila, Italy.
- [40] Yechiam Yemini, Sushil da Silva, Danilo Florissi, and Hao Huang. The Network Flow Language: A mark-based approach to active networks. Technical report, Department of Computer Science, Columbia University, July 1999.