

参考文献

- [1] R. Braden, L. Zhang, S. Berson, S. Herzog, and S. Jamin. Resource ReSerVation Protocol (RSVP) – Version 1 Functional Specification. Internet Draft, May 1996.
- [2] S. Shenker and L. Breslau. Two Issues in Reservation Establishment. In *SIGCOMM '95 Conference Proceedings*, pp. 14–26, Sept 1995.
- [3] S. Murata, A. Shionozaki, and M. Tokoro. Integrating Routing and Resource Reservation Mechanisms in Real-time Multicast Protocols. In *The 16th International Conference of Distributed Computing Systems*, May 1996.
- [4] M. Borden, E. Crawley, B. Davie, and S. Batsell. Integration of Real-time Services in an IP-ATM Network Architecture. RFC 1821, August 1995.
- [5] R. Braden and D. Hoffman. RSVP Application Programming Interface (RAPI) for SunOS/BSD: V3.10. Internet Draft, Sept 1995.
- [6] S. Herzog. Building Blocks for Accounting and Access Control in RSVP. Internet Draft, March 1996.
- [7] L. Zhang. RSVP Diagnostic Messages. Internet Draft, Feb 1996.
- [8] A. Banerjee, D. Ferrari, B. A. Mah, M. Morn, D. C. Verma, and H. Zhang. The Tenet Real-Time Protocol Suite: Design, Implementation, and Experiences. Technical Report TR-94-059, International Computer Science Institute, Berkeley, CA, Nov 1994.
- [9] R. Bettati, D. Ferrari, A. Gupta, W. Heffner, W. Howe, M. Moran, Q. Nguyen, and R. Yavatkar. Connection Establishment for Multi-party Real-time Communication. In *Proc. IEEE Workshop on Network and Operating System Support for Digital Audio and Video (NOSSDAV) '95*, April 1995.
- [10] A. Gupta, W. Howe, M. Moran, and Q. Nguyen. Resource Sharing for Multi-Party Real-Time Communication. In *Proc. IEEE INFOCOM'95*, April 1995.
- [11] L. Berger and L. Delgrossi. Internet STream Protocol Version 2 (ST2) – Protocol Specification – Version ST2+. RFC 1819, August 1995.
- [12] A. Shionozaki and M. Tokoro. Control Handling in Real-Time Communication Protocols. In *SIGCOMM '93 Conference Proceedings*, Sep 1993.
- [13] S. Casner and S. Deering. First ietf internet audiocast. In *Computer Communication Review*. ACM, July 1992.

- [14] J. Yu V. Fuller, T. Li and K. Varadhan. Classless Inter-Domain Routing (CIDR), September 1993.
- [15] R. Callon. TCP and UDP with Bigger Addresses (TUBA), A Simple Proposal for Internet Addressing and Routing. RFC 1347, June 1992.
- [16] R. Ullmann. TP/IX: The Next Internet. RFC 1475, June 1993.
- [17] P. Francis. Pip Near-term Architecture. RFC 1621, May 1994.
- [18] R. Hinden. Simple Internet Protocol Plus White Paper. RFC 1710, October 1994.
- [19] S. Deering and R. Hinden. Internet Protocol, Version 6 (IPv6) Specification. RFC 1883, January 1996.
- [20] R. Atkinson. Security Architecture for the Internet Protocol. RFC 1825, August 1995.
- [21] R. Atkinson. IP Authentication Header. RFC 1826, August 1995.
- [22] R. Atkinson. IP Encapsulating Security Payload (ESP). RFC 1827, August 1995.
- [23] R. Hinden and S. Deering. IP Version 6 Addressing Architecture. RFC 1884, January 1996.
- [24] J. Postel. Internet Official Protocol Standards. RFC 1800, July 1995.
- [25] J. Moy. OSPF Version 2. RFC 1583, March 1994.
- [26] Y. Rekhter and T. Li. A Border Gateway Protocol 4 (BGP-4). RFC 1771, March 1995.
- [27] G. Malkin. RIP Version 2 Carrying Additional Information. RFC 1723, November 1994.
- [28] C. L. Hedrick. Routing Information Protocol. RFC 1058, June 1988.
- [29] E. Gerich. *Guidelines for Management of IP Address Space*, May 1993. RFC 1466.
- [30] R. Finlayson, et al. A Reverse Address Resolution Protocol. RFC 903, June 1984.
- [31] D. Brownell. Dynamic RARP Extensions and Administrative Support for Automatic Network Address Allocation. RFC 1931, April 1996.
- [32] J. Schiller and M. Rosenstein. A Protocol for the Dynamic Assignment of IP Addresses for use on an Ethernet, 1989. MIT Athena Project.

- [33] W. Croft and J. Gilmore. *Bootstrap Protocol*, September 1985. RFC 951.
- [34] W. Simpson. The Point-to-Point Protocol (PPP). RFC 1661, July 1994.
- [35] G. McGregor. *The PPP Internet Protocol Control Protocol (IPCP)*, May 1992. RFC 1332.
- [36] R. Droms. *Dynamic Host Configuration Protocol*, October 1993. RFC 1541.
- [37] Ralph Droms. Dynamic Host Configuration Protocol. Internet Draft, November 1995.
- [38] Akihiro Tominaga, Osamu Nakamura, Fumio Teraoka, and Jun Murai. Problems and Solutions of DHCP. In *Proceedings of INET'95*, pp. 481–490. Internet Society, June 1995.
- [39] Lowell Gilbert. Graceful renumbering of networks with DHCP. Internet Draft, April 1996.
- [40] Jim Bound and Charles Parkins. Dynamic Host Configuration Protocol for IPv6 (DHCPv6). Internet Draft, February 1996.
- [41] Susan Thomson and Thomas Narten. IPv6 Stateless Address Autoconfiguration. Internet Draft, December 1995.
- [42] John Moy. OSPF version 2. RFC 1247, July 1991.
- [43] T. Pummill and B. Manning. Variable Length Subnet Table For IPv4. RFC 1878, December 1995.
- [44] John Veizades, Scott Kaplan, and Erik Guttman. Service Location Protocol. Internet Draft, October 1995.
- [45] S. McCanne and V. Jacobson. The BSD Packet Filter: A New Architecture for User-level Packet Capture. In *1993 Winter USENIX Conference Proceedings*, 1993.
- [46] Fumio Teraoka and Keisuke Uehara and Hideki Sunahara and Jun Murai. VIP: A Protocol Providing Host Mobility. *Communications of the ACM*, Vol. 37, No. 8, pp. 67–75, August 1994.
- [47] 植原啓介, 寺岡文男, 砂原秀樹. Virtual Internet Protocol Version 2. マルチメディア通信と分散処理ワークショッピング論文集, pp. 141–148, Octorber 1994.
- [48] Keith Sklower. A Tree-Based Packet Routing Table for Berkeley Unix. In *Proceedings of the Winter 1991 USENIX Conference*, pp. 93–99, January 1991.

- [49] 楠岡孝道, 植原啓介, 砂原秀樹. 移動型計算機支援を考慮した広域分散ファイルシステム. 情報処理学会 マルチメディア通信と分散処理研究会 論文集, October 1994.
- [50] Sun Microsystems, Inc. NFS: Network File System Protocol Specification. RFC 1094, March 1989.
- [51] Edward R.Zayas. Afs-3 programmer's reference: Architectural overview. Transarc Corporation, FS-00-D160, September 1991. <ftp://grand.central.org/darpa/doc/afs/specs/progint/archov/archov-doc.ps>.
- [52] James J.Kistler and M.Satyanarayanan. Disconnected operation in the coda file system. In *Proc. of the Thirteenth Symposium on Operating Systems Principles*, October 1991.
- [53] Peter Honeyman, Larry Huston, Jim Rees, and Dave Bachmann. The little work project. CITI Publications. <http://www.citi.umich.edu/u/rees/wwos3.ps>.
- [54] Mike Accetta, Robert Baron, David Golub, Richard Rashid, Avadis Tevanian, and Michael Young. Mach: A New Kernel Foundation For UNIX Development. Technical report, Department of Computer Science, Carnegie-Mellon University, August 1986.
- [55] L.B.Huston. Disconnected operation for afs. In *Proc. of USENIX Mobile and Location-Independent Computing Symposium*, August 1993.
- [56] Sun Microsystems, Inc. RPC: Remote Procedure Call Protocol Specification Version 2. RFC 1057, June 1988.
- [57] Sun Microsystems, Inc. XDR: External Data Representation Standard. RFC 1014, June 1987.
- [58] Mahadev Satyanarayanan. Workshop on Mobile Computing Systems and Applications December 1994. *ACM Operating Systems Review*, Vol. 29, No. 2, April 1995.
- [59] Mark Weiser. Hot Topics: Ubiquitous Computing. *IEEE Computer*, October 1993.
- [60] Mark Weiser. Some Computer Science Problems in Ubiquitous Computing. *CACM*, Vol. 36, No. 7, July 1993.
- [61] Roy Want, Andy Hopper, Veronica Falcao, and Jonathan Gibbons. The Active Badge Location System. *ACM Transactions on Information Systems*, Vol. 10, No. 1, pp. 91–102, January 1992.

- [62] Bill N. Schilit, Norman I. Adams, , and Roy Want. Context-Aware Computing Applications. In *Proceedings of the Workshop on Mobile Computing Systems and Applications, IEEE Computer Society*, December 1994.
- [63] Andy Harter and Andy Hopper. A Distributed Location System for the Active Office. *IEEE Network*, Vol. 8, No. 1, January 1994.
- [64] Mike Spreitzer and Marvin M. Theimer. Scalable, Secure, Mobile Computing with Location Information. *CACM*, Vol. 36, No. 7, July 1993.
- [65] Mike Spreitzer and Marvin M. Theimer. Providing Location Information in a Ubiquitous Computing Environment. *ACM Operating Systems Review*, Vol. 27, No. 5, December 1993.
- [66] Alan O. Freier, Philip Karlton, and Paul C. Kocher. *SSL Version 3.0*, 12 1995. Internet Draft.
- [67] E. Rescorla andA. Schiffman. *The Secure HyperText Transfer Protocol*, 7 1995. Internet Draft.
- [68] R.Housley, W.Ford, S.Farrell, and D.Solo. Internet Public Key Infrastructure. *draft-ietf-pkix-ipki-00.txt*, Internet Draft, November 1995.
- [69] CCITT. The Directory – Authentication framework. X.509, 1988.
- [70] ISO/IEC JTC 1/SC 21/WG 4 and ITU-T Q15/7. Information Technology - Open Systems Interconnection – The Directory: Authentication Framework, AMENDMENT 1: Certificate Extensions. Proposed Draft Amendment 1 to ITU X.509, July 1995.
- [71] VeriSign Inc. Digital ID Services. URL=http://ftp.verisign.com/id_serv2.html#Server IDs, November 1995.
- [72] P. Fahn. Answers to frequently asked questions about today's cryptography (ver 2.0), September 1993.
- [73] J. I. Steiner, B. C. Neuman, and J. G. Schiller. Kerberos: An Authentication Service for Open Network Systems. *USENIX 1988 Winter Conference*, pp. 191–202, 1988.
- [74] J. I. Steiner and D. Atkins. Scaling the Web of Trust: Combining Kerberos and PGP to Provide Large Scale Authentication. *USENIX Technical Conference*, pp. 83–93, January 1995.

- [75] 黒田. 暗号通信路確立方式と暗号仮想端末. 情報処理学会第 49 回全国大会, 4, pp. 349–350, 1994.
- [76] 松永, 黒田, 斎藤. 組織間通信におけるプライバシ強化通信. WIDE 研究会, September 1994.
- [77] H. Krawczyk. Keyed-MD5 for Message Authentication. INTERNET DRAFT, June 1995.
- [78] 菊池, 森下. 暗号電子メール pem(privacy enhanced mail) の実装と課題. 情報処理学会第 46 回全国大会, 1, pp. 99–100, 1993.
- [79] 菊池, 黒田. 公証人を用いた暗号メール公開鍵証明書発行方式. 情報処理学会第 48 回全国大会, 1, pp. 249–250, 1994.
- [80] 黒田, 菊池. 同報暗号メールシステムの構築. 情報処理学会第 48 回全国大会, pp. 251–252, 1994.
- [81] 菊池, 黒田, 永井. プライバシ強化メール pem における証明書配布局の実装と評価. 情報処理学会論文誌, Vol. 36, No. 18, 1995.
- [82] B. Moskowitz Y. Rekhter, D. Karrenberg, and G. de Groot. Address Allocation for Private Internets. RFC 1597, March 1993.
- [83] Y. Rekhter, R. Moskowitz, D. Karrenberg, G. de Groot, and E. Lear. Address Allocation for Private Internets. RFC 1918, February 1996.
- [84] B. Carpenter and Y. Rekhter. Renumbering Needs Work. RFC 1900, February 1996.
- [85] H. Berkowitz, P. Ferguson, W. Leland, and P. Nesser. Enterprise Renumbering: Experience and Information Solicitation. RFC 1916, February 1996.
- [86] P. Nesser. An Appeal to the Internet Community to Return Unused IP Networks (Prefixes) to the IANA. RFC 1917, February 1996.
- [87] S. Deering and R. Hinden. *Internet Protocol, Version 6 (IPv6) Specification*, 12 1995. RFC 1883.
- [88] T. Tanida and Y. Shinoda. Ip/secure: Providing security on datagram delivery for mobile host environment. In INET '94. Internet Society, 1994 1994.
- [89] J. Linn. *Privacy Enhancement for Internet Electronic Mail: Part I*, 2 1993. RFC 1421.

- [90] S. Kent. *Privacy Enhancement for Internet Electronic Mail: Part II*, 2 1993. RFC 1422.
- [91] D. Balenson. *Privacy Enhancement for Internet Electronic Mail: Part III*, 2 1993. RFC 1422.
- [92] B. Kaliski. *Privacy Enhancement for Internet Electronic Mail: Part IV*, 2 1993. RFC 1422.
- [93] 黒田康嗣. 公開鍵証明書を用いたプライバシ強化通信. In *SCIS96*. 電子情報通信学会, 1996.
- [94] American National Standards Institute. *American National Standard for Information Systems-Data Link Encryption*, 1983. ANSI X3.106.
- [95] R. L. Rivest, A. Shamir, and L. Adleman. A method of obtaining digital signatures and public key cryptosystems. In *Comm. of ACM*, pp. pp.120–126, 2 1978.
- [96] R. Rivest. *The MD5 Message-Digest Algorithm*, 4 1992. RFC 1321.
- [97] SSL. <http://home.netscape.com/info/SSL.html>, 8 1995.
- [98] Eric Young and Tim Hudson. *SSLeay and SSLapps FAQ*, 2 1996. Ver 0.5.1a.
- [99] Jeremy Bradley. The SSLP reference implementation project. <http://www.cs.bris.ac.uk/~bradley/Documents/SSL/Publish/SSLP-Outline.txt>, 1995.
- [100] Ying-Da Lee. *SOCKS: A protocol for TCP proxy across firewalls*.
- [101] M. Leech, et al. *SOCKS Protocol Version 5*, 10 1995. Internet Draft.
- [102] J. Linn. *Generic Security Service Application Program Interface*, 9 1993. RFC 1508.
- [103] J. Wray. *Generic Security Service API : C-bindings*, 9 1993. RFC 1509.
- [104] WIDE プロジェクト. 1992 年度 WIDE プロジェクト研究報告書 (第 15 部 NTP). Technical report, WIDE プロジェクト, 1993.
- [105] WIDE プロジェクト. 1993 年度 WIDE プロジェクト研究報告書 (第 xx 部 NTP). Technical report, WIDE プロジェクト, 1994.
- [106] Jon Postel. Internet Control Message Protocol. RFC 792, September 1981.

- [107] J. Postel (ed.). Internet Protocol – DARPA Internet Program Protocol Specification. RFC 791, September 1980.
- [108] David L. Mills. Network Time Protocol (Version 3) Specification, Implementation and Analysis. RFC 1305, March 1992.
- [109] J. Postel (ed.). User Datagram Protocol. RFC 768, August 1980.
- [110] Sun Microsystems. NFS: network file system protocol specification. *RFC1094*, 1989.
- [111] Edward R. Zayas. AFS-3 programmer's reference: Architectural overview. *Transarc Corporation, FS-00-D160*, September 1991. <ftp://grand.central.org/darpa/doc/afs/specs/progint/archov/archov-doc.ps>.
- [112] James J. Kistler and M. Satyanarayanan. Disconnected operation in the Coda file system. In *Proceedings of the Thirteenth Symposium on Operating Systems Principles*, October 1991.
- [113] 向川信一, 砂原秀樹. ファイルシステムにおける可視性制御について. In *Proceedings of the 15th jus UNIX Symposium*, July 1990.
- [114] Pyramid Corp. *Pyramid OSx Operating System Manual*, 1987.
- [115] SONY 株式会社. *NEWS-OS Reference Manual*, 1989.
- [116] David G. Korn and Eduardo Krell. The 3-D file system. In *Proceedings of the Summer 1989 USENIX Conference*, pp. 147–156, June 1989.
- [117] David Hendriks. A file system for software development. In *Proceedings of the Summer 1990 USENIX Symposium*, pp. 333–340, June 1990.
- [118] Axel Mahler. *Using the Shape Toolkit for Cooperative Software Development - A Tutorial -*. Technische Universitddotat Berlin, Axel.Mahler@cs.tu-berlin.de, shapeTools_TUT-1.3 edition, July 1993. in distribution of shapeTools-1.4.tar.gz.
- [119] 小西将一, 砂原秀樹. 分散環境における共同作業支援システム. In *Proceedings of the 23rd jus UNIX Symposium*, pp. 1–11, July 1994.
- [120] 梶岡孝道, 植原啓介, 砂原秀樹. 移動型計算機支援を考慮した広域分散ファイルシステム. マルチメディア通信と分散処理研究会, October 1994.
- [121] T. Berners-Lee, R.Cailliau, J.-F. Groff, and B.Pollermann. World-wide web. Technical Report Article_9202, The Information Universe, 1992.

- [122] M. McCahill. The Internet Gopher: A distributed server information system. *Connexions - The Interoperability Report*, Vol. 6, No. 7, pp. 10–14, July 1992.
- [123] B. Kahle and A. Medlar. An information system for corporate users: Wide area information servers. *Connexions*, Vol. Vol.5, No. No. 11, November 1991.
- [124] P. Deutsch and A. Emtage. The archie system: An internet electronic directory service. *Connexions*, Vol. Vol.6, No. No. 2, February 1992.
- [125] CCITT. The Directory - Overview of Concepts, Models and Services. X.500, 1988.
- [126] Jon Postel and Joyce Reynolds. File Transfer Protocol (FTP). RFC 959, September 1985.
- [127] Brian Kantor and Phil Lapsley. Network News Transfer Protocol. RFC 977, February 1986.
- [128] T. Berners-Lee. Universal Resource Identifiers in WWW: A Unifying Syntax for the Expression of Names and Addresses of Objects on the Network as used in the World-Wide Web. RFC 1630, June 1994.
- [129] T. Berners-Lee. Hypertext Transfer Protocol (HTTP), December 1991. CERN.
- [130] Chris Myers. wuarchive ftpd, an Internet File Transfer Protocol server. Available electronically at <ftp://wuarchive.wustl.edu/packages/wuarchive-ftpd> as wu-ftpd-2.1c.tar, also at [wwfs:/wuarchive/packages/wuarchive-ftpd](http://wuarchive/packages/wuarchive-ftpd).
- [131] L. Wall and R. L. Schwartz. *programming Perl*. O'Reilly & Associates, Inc, 1990.
- [132] Kazunori Sugiura, Kimio Ishii, and Jun Murai. Implementation and evaluation of mobile computing environment. In *IPSJ-92-DPS-60*. Information Processing Society of JAPAN, March 1993.
- [133] Kazunori Sugiura. Practical resource management for portable computers. Master's thesis, 慶應義塾大学 政策・メディア研究科 修士論文, March 1996.
- [134] Fred Douglis, P. Krishnan, and Brian Marsh. Thwarting the power hungry disk. In *USENIX Conference*. USENIX, January 1994.
- [135] J. F. Freiman. Portable computer power sources. In *Proceedings of IEEE*. IEEE, January 1994.
- [136] Cooperation Intel and Cooperation Microsoft. Advanced power management(apm) bios interface specification, September 1993. 241704-001.

- [137] J. Mitchell, J. Gibbons, G. Hamilton, P. Kessler, Y. Khalidi, P. Kougiouris, P. Madany, M. Nelson, M. Powell, and S. Radia. An Overview of the Spring System. In *Proceedings of Compcon Spring 1994*, Feb. 1994.
- [138] S. Radia, M. Nelson, and M. Powell. The Spring Name Service. Technical Report SMLK-93-16, Sun Microsystems Laboratories, Oct. 1993.
- [139] Graham Hamilton, Michael L. Powell, and James G. Mitchell. Subcontract: A flexible base for distributed programming. In *Proceedings of the 12th Symposium on Operating Systems Principles*, pp. 69–79. ACM SIGOPS, Dec. 1993.
- [140] 村井純, 水野勝成, 三谷和史, 加藤朗, 山口英, 石田慶樹. 衛星ネットワークを統合したインターネット-wish-. 第 49 回(平成 6 年後期)全国大会 講演論文集(1), September 1994.
- [141] 竹井淳, 泉山英孝, 村井純, 楠本博之, 登坂章弘, 望月祐洋. Wish 衛星ネットワークの性能評価. 第 49 回(平成 6 年後期)全国大会 講演論文集(1), September 1994.
- [142] 登坂章弘, 西田佳史, 楠本博之, 村井純. WISH ネットワークにおける動的トポロジ制御システムの構築. マルチメディアと分散処理研究会, July 1995.
- [143] 登坂章弘. インターネットのための衛星通信制御機構の構築. Master's thesis, 慶應義塾大学, March 1995. 平成 7 年度修士論文.
- [144] Norman Abramson. Development of the ALOHANET. In *IEEE Trans. on Inform. Theory IT-31*, pp. 119–123, March 1985.
- [145] 西田佳史, 中村修, 楠本博之, 村井純. 衛星通信を利用した放送型ネットワークに関する研究. オペレーティングシステム研究会, June 1995.
- [146] 西田佳史, 峯尾淳一, 寺岡文男, 中村修. Wish におけるインターネットトラフィックの解析. 第 49 回(平成 6 年後期)全国大会 講演論文集(1), September 1994.
- [147] WIDE プロジェクト. 1994 年度 WIDE プロジェクト研究報告書. Technical report, WIDE プロジェクト, 1994.
- [148] V. Jacobson D. Borman, R. Braden. TCP Extensions for High Performance. RFC 1323, May 1992.
- [149] 西田佳史. 広帯域、高遅延ネットワークにおけるフロー制御に関する研究. Master's thesis, 慶應義塾大学, March 1995. 平成 7 年度修士論文.
- [150] S. Keshav. REAL: A network simulator. Technical report, UC Berkeley, 1988.

- [151] 新美誠, 村井純. 坂本龍一の武道館コンサート – インターネットサテライトマルチキャスト通信の実験 –. *bit*, pp. 14–22, March 1996.
- [152] ISO. ISO 646-1991 7-Bit Coded Character Set.
- [153] 竹内郁雄. キーボード・カオス (キーボード談議 (1)). *bit*, pp. 15–26, 6 1990.
- [154] 木村泉. ワープロ徹底操縦法. 岩波新書. 岩波書店, 1991.
- [155] 神田泰典. コンピュータ 知的「道具」考. NHK ブックス 478. 日本放送出版協会, 1985.
- [156] 森田正典. キーボード. *bit* 別冊「ワープロと日本語処理」, pp. 118–127, 4 1985.
- [157] 和田英一. けん盤配列にも大いなる関心を. *PFU Technical Review*, Vol. 3, No. 1, pp. 1–15, February 1992.
- [158] 日本規格協会. JIS X 6004-1986 仮名漢字変換形日本文入力 装置用けん盤配列.
- [159] 日本規格協会. JIS X 6002-1980 情報処理系けん盤配列.
- [160] 日本規格協会. JIS B 9509-1964 かな・ローマ字タイプ ライタのけん盤配列.

