Appendix F References and Recommended Reading



Presented here are lists of references used in this publication, and suggested references for understanding concepts presented in this publication. Some tips for obtaining these references are also provided following the lists.

Commercially Available Publications

Black, Uyless. Physical Level Interfaces and Protocols, IEEE Computer Society Press, 1988.

Black, Uyless. X.25 and Related Protocols, IEEE Computer Society Press, 1991.

Comer, Douglas E. *Internetworking with TCP/IP: Principles, Protocols, and Architecture.* Vol. I, Prentice-Hall, 1988.

Davidson, John. An Introduction to TCP/IP. Springer-Verlag, 1988.

Martin James and the ARBEN Group. Local Area Networks. Prentice Hall, 1989.

McNamara, John E. *Local Area Networks*. Digital Press, Educational Services, Digital Equipment Corporation, 12 Crosby Drive, Bedford, Massachusetts 01730.

Meijer, Anton. Systems Network Architecture: A Tutorial. John Wiley & Sons, Inc., 1987.

Miller, Mark A. LAN Protocol Handbook. M&T Publishing, 1990.

Rose, Marshall T. *The Simple Book: An Introduction to Management of TCP/IP-based Internets.* Prentice Hall, 1991.

Schlar, Sherman K. Inside X.25: A Manager's Guide. McGraw-Hill, Inc., 1990.

Sherman, Ken. *Data Communications: A User's Guide*, 2nd edition, Reston Publishing Company, Inc., 1985.

Sidhu, Gursharan S., Richard F. Andrew, and Alan Oppenheimer. *Inside AppleTalk*, Second Edition, Addison-Wesley Publishing Company, 1990

Stallings, William. *Handbook of Computer Communications Standards*, Vols. 1–3, Macmillan Publishing Company, 1987.

Technical Publications and Standards

- ANSI X3T9.5 Committee. FDDI Station Management (SMT). Rev. 6.1, March 15, 1990.
- Apple Computers. *AppleTalk Network System Overview.* Addison-Wesley Publishing Company, Inc., 1989.
- Bellcore. Generic System Requirements in Support of a Switched Multi-Megabit Data Service. Technical Advisory, TA-TSY-000772, October, 1989.
- Local Access System Generic Requirements, Objectives, and Interface Support of Switched Multi-Megabit Data Service. Technical Advisory TA-TSY-000773, Issue 1, December, 1985.
- ——. Switched Multi-megabit Data Service (SMDS) Operations Technology Network Element Generic Requirements, Technical Advisory TA-TSY-000774
- CCITT. CCITT Data Communications Networks Services and Facilities, Terminal Equipment and Interfaces, Recommendations X.1-X.29, Yellow Book, Volume VIII, Fascicle VIII.2, 1984.
- CCITT. CCITT Data Communications Networks Interfaces, Recommendations X.20-X.32, Red Book, Volume VIII, Fascicle VIII.3, 1984.
- Cisco Systems. HSSI Specifications.
- Cisco Systems. SDLLC Application Note, 1991.
- Digital Equipment Corporation. *DECNET/OSI Phase V: Making the Transition From Phase IV.* EK-PVTRN-BR, 1989.
- ——. DECserver 200 Local Area Transport (LAT) Network Concepts. AA-LD84A-TK, June 1988.
- ——. DIGITAL Network Architecture (Phase V), EK-DNAPV-GD-001, September 1987.
- Digital Equipment Corporation, Intel Corporation, Xerox Corporation. *The Ethernet: A Local Area Network, Data Link Layer and Physical Layer Specifications, digital, intel, XEROX.* Version 2.0, November 1982.
- Hemrick, C. and L. Lang, "Introduction to Switched Multi-megabit Data Service (SMDS), an Early Broadband Service," publication pending in the Proceedings of the XIII International Switching Symposium (ISS 90), May 27, 1990–June 1, 1990.
- Hewlett-Packard. X.25: The PSN Connection; An Explanation of Recommendation X.25, 5958-3402, October 1985.
- IBM. Advanced Communications Function for VTAM, general information: concepts. GS27-0463.
- ——. Advanced Communications Function for VTAM (ACF/VTAM), general information: introduction. GS27-0462.
- ——. ACF/NCP/VS network control program, system support programs: general information. GC30-3058.
- ——. Dictionary of Computing, SC20-1699-7, 1987.

——. Local Area Network Technical Reference.
——. Network Communications Control Facility: general information, GC27-0429.
——. Network Problem Determination Application: general information, GC34-2010.
——. Synchronous Data Link Control: general information, GA27-3093.
——. Systems Network Architecture: concepts and products, GC30-3072.
——. Systems Network Architecture format and protocol reference manual: architectural logic, SC30-3112, November 1980.
——. Systems Network Architecture – introduction to sessions between Logical Units, GC20-1869.
——. Systems Network Architecture – Logical Unit types, GC20-1868.
——. Systems Network Architecture: reference summary, GA27-3136.
——. Systems Network Architecture: technical overview, GC30-3073-1, 1985.
—. Systems Network Architecture Transaction Programmer's Reference Manual for LU Type 6.2.
——. Token-Ring Network Architecture Reference.
——. The X.25 1984 Interface for Attaching IBM SNA Nodes to Packet-Switched Data Networks: Architecture Reference.
——. The X.25 1984 Interface for Attaching IBM SNA Nodes to Packet-Switched Data Networks:

- General Information Manual.

 IEEE 802.2 Local Area Networks Standard, 802.2 Logical Link Control, ANSI/IEEE Standard, October 1985.
- IEEE 802.3 Local Area Networks Standard, 802.3 Carrier Sense Multiple Access, ANSI/IEEE Standard, October, 1985.
- IEEE Project 802 Local & Metropolitan Area Networks. Proposed Standard: Distributed Queue Dual Bus (DQDB) Subnetwork of a Metropolitan Area Network (MAN), February 7, 1990.
- McGraw-Hill/Data Communications. *McGraw-Hill's Compilation of Data Communications Standards*, Edition III, 1986.

National Security Agency. Blacker Interface Control Document (ICD).

StrataCom. Frame Relay Interface Specification. 040-207460, Rev. 2.3, August 9, 1990.

XEROX. Internet Transport Protocols. XNSS 029101, January 1991.

Obtaining Technical Information

Many of the references cited in this list can be obtained from book stores or ordered directly from the publisher or company that produced the reference. In the world of data communications, however, there are numerous standards that are kept by various companies and agencies. This section provides some tips on obtaining this type information.

Obtaining RFCs

Information about the Internet suite of protocols are contained in documents called *Requests for Comments*, or RFCs. These documents are maintained by Government Systems, Inc. (GSI). You can obtain copies in either printed or electronic form. You may contact GSI in these ways:

Postal:

Government Systems, Incorporated Attn: Network Information Center 14200 Park Meadow Drive, Suite 200 Chantilly, Virginia 22021

Telephone:

1-800-365-3642 1-703-802-4535 1-703-802-8376 (FAX)

Electronic Mail:

NIC@NIC.DDN.MIL

Network address: 192.112.36.5 Root domain server: 192.112.36.4

Obtaining Technical Standards

Following are some places from which you may obtain technical standards:

- Omnicom at 1-800-OMNICOM.
- Global Engineering Documents, 2805 McGraw Avenue, Irvine, California, 92714. Telephone: 1-800-854-7179.
- American National Standards Institute, 1430 Broadway, New York, New York, 10018. Telephone: 212-642-4932 and 212-302-1286.
- IEEE Computer Society Press, Customer Service Center, 10662 Los Vaqueros Circle, P.O. Box 3014, Los Alamitos, CA, 90720-1264. Telephone: 714-821-8380.