Record Nr. UNISA996577945403316 ISO/IEC 8802-2:1998 ANSI/IEEE Std 802.2 IEEE International Standard **Titolo** for Information technology . Part 2; : Telecommunications and information exchange between systems: Local and metropolitan area networks: Specific requirements / / IEEE Pubbl/distr/stampa New York:,: IEEE,, 1998 **ISBN** 0-7381-0293-8 [1998 edition (Incorporating ANSI/IEEE Stds 802.2c-1997, 802.2f-Edizione 1997, and 802.2h-1997).] 1 online resource (256 pages) Descrizione fisica Disciplina 004.68 Soggetti Local area networks (Computer networks) Information technology Databases - Quality control Metropolitan area networks (Computer networks) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Sommario/riassunto

This standard is part of a family of standards for local area networks (LANs) and metropolitan area networks (MANs) that deals with the physical and data link layers as defined by the ISO Open Systems Interconnection Basic Reference Model. The functions, features, protocol, and services of the Logical Link Control (LLC) sublayer, which constitutes the top sublayer in the data link layer of the ISO/IEC 8802 LAN protocol, are described. The services required of, or by, the LLC sublayer at the logical interfaces with the network layer, the medium access control (MAC) sublayer, and the LLC sublayer management function are specified. The protocol data unit (PDU) structure for data communication systems is defined using bit-oriented procedures, as are three types of operation for data communication between service access points. In the first type of operation, PDUs are exchanged between LLCs without the need for the establishment of a data link connection. In the second type of operation, a data link connection is established between two LLCs prior to any exchange of informationbearing PDUs. In the third type of operation, PDUs are exchanged between LLCs without the need for the establishment of a data link connection, but stations are permitted to both send data and request the return of data simultaneously.