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2.3.3 The STS-1 Payload; 2.4 The SONET STS-3 Frame Structure; 2.5 SONET/SDH Devices; 2.6 Self-healing SONET/SDH Rings
2.6.1 Two-fiber Unidirectional Path Switched Ring (2F-UPSR)2.6.2 Two-fiber Bidirectional Line Switched Ring (2F-BLSR); 2.6.3 Four-fiber Bidirectional Line Switched Ring (4F-BLSR); 2.7 The Generic Framing Procedure (GFP); 2.7.1 The GFP Frame Structure; 2.7.2 GFP Client-independent Functions; 2.7.3 GFP Client-dependent Functions; 2.8 Data over SONET/SDH (DoS); 2.8.1 Virtual Concatenation; 2.8.2 Link Capacity Adjustment Scheme (LCAS); Problems; 3 ATM Networks; 3.1 Introduction; 3.2 The Structure of the Header of the ATM Cell; 3.3 The ATM Protocol Stack; 3.4 The Physical Layer
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4.7.2 Packet Discard Schemes

Sommario/riassunto

A thorough knowledge of modern connection-oriented networks is essential to understanding the current and near-future state of networking.This book provides a complete overview of connection-oriented networks, discussing both packet-switched and circuit-switched networks, which, though seemingly different, share common networking principles. It details the history and development of such networks, and defines their terminology and architecture, before progressing to aspects such as signaling and standards. There is inclusive coverage of SONET/SDH, ATM networks, Multi-Protocol Label Switchi