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1.8.4. Core based trees: CBT  
1.8.5. Bidirectional PIM; 1.8.6. Cost of explicit methods; 1.9. Inter-domain multicast routing; 1.9.1. MASC/BGMP architecture; 1.9.2. BGP multiprotocol extensions; 1.9.3. Interaction with intra-domain routing; 1.9.4. BGMP; 1.9.5. PIM-SM and MSDP solution; 1.10. Model of multicasting with a single source: SSM; 1.10.1. Express; 1.10.2. The SSM and PIM-SM model; 1.10.3. Limitations of PIM-SSM; 1.11. Multicasting and IPv6; 1.11.1. IPv6 multicast addressing; 1.11.2. Protocol for group subscription: MLD; 1.11.3. RP-embedded mechanism  
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2.5.1. HDVMP

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## Sommario/riassunto

This book examines multicast technology and will be a key text for undergraduate engineering students and master students in networks and telecoms. However, it will be equally useful for a wide range of professionals in this research field. Multicast routing was introduced with the advent of multiparty applications (for example, videoconferencing on the Internet) and collaborative work (for example, distributed simulations). It is related to the concept of group communication, a technique introduced to reduce communication costs. The various problems of multicast routing on the Internet ar

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