Record Nr. UNINA9911019703603321 Autore Held Gilbert Titolo Internetworking LANs and WANs: concepts, techniques, and methods [Place of publication not identified], : John Wiley & Sons, 1998 Pubbl/distr/stampa **ISBN** 1-280-55499-1 9786610554997 0-470-85230-5 0-470-84155-9 Edizione [2nd ed.] Descrizione fisica 1 online resource (530 pages) Disciplina 004.67 Soggetti Local area networks (Computer networks) Wide area networks (Computer networks) Internetworking (Telecommunication) **Electrical & Computer Engineering Engineering & Applied Sciences Telecommunications** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

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Sommario/riassunto In this thoroughly revised and updated edition of Internetworking LANs

and WANs, Gilbert Held offers guidance through this challenging area of communications technology. Internetworking often causes technological and administrative problems and this book will enable the reader to avoid the many pitfalls to achieve successful connection. This new edition covers hundreds of methods to interconnect local and geographically separated LANs. New topics examined include Fast Ethernet, Windows NT systems, Data Link Switching and the use of virtual LANs and virtual networking.; Features include:numerous screen images showing examples of how equipment is configured and how equipment operates to interconnect LANsreview of key networking concepts, covering the technological characteristics of LANs and WANs, standards organizations and the OSI reference modelexamination of the operation and utilization of different types of networksdetailed

coverage of routers and bridge routing methodsguidance on gateway functions, methods and applicationsmathematical models to allow the reader to evaluate network performanceWritten by an expert in the field of telecommunications, this text is essential reading for all practising telecommunications engineers and undergraduate students on communications courses. Those technical network practitioners and computer science students who require a comprehensive guide to internetworking will also find this book valuable.