Record Nr. UNINA9911019298503321 Autore Armitage Grenville Titolo Networking and online games: understanding and engineering multiplayer Internet games / / Grenville Armitage, Mark Claypool, Philip Branch Chichester, England; ; Hoboken, NJ, : John Wiley & Sons, c2006 Pubbl/distr/stampa **ISBN** 9786610606085 9781280606083 1280606088 9780470030479 047003047X 9780470030462 0470030461 Descrizione fisica 1 online resource (234 p.) Classificazione 54.81 Altri autori (Persone) ClaypoolMark BranchPhilip Disciplina 794.8/1526 Soggetti Video games - Programming TCP/IP (Computer network protocol) Video games Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Networking and Online Games; Contents; Author Biographies; Acknowledgements; 1 Introduction; 2 Early Online and Multiplayer Games; 2.1 Defining Networked and Multiplayer Games; 2.2 Early Multiplayer Games; 2.2.1 PLATO; 2.2.2 MultiUser Dungeons; 2.2.3 Arcade Games; 2.2.4 Hosted Online Games; 2.3 Multiplayer Network Games: 2.3.1 DOOM - Networked First-Person Shooters Arrive: References: 3 Recent Online and Multiplayer Games: 3.1 Communication Architectures: 3.2 The Evolution of Online Games: 3.2.1 FPS Games; 3.2.2 Massively Multiplayer Games; 3.2.3 RTS Games;

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## Sommario/riassunto

The computer game industry is clearly growing in the direction of multiplayer, online games. Understanding the demands of games on IP (Internet Protocol) networks is essential for ISP (Internet Service Provider) engineers to develop appropriate IP services.

Correspondingly, knowledge of the underlying network's capabilities is vital for game developers. Networking and Online Games concisely draws together and illustrates the overlapping and interacting technical concerns of these sectors. The text explains the principles behind modern multiplayer communication systems and the techniqu