Record Nr. UNINA9910815668603321 Autore Minoli Daniel <1952-> Titolo A networking approach to grid computing / / Daniel Minoli Hoboken, N.J.;; [Great Britain],: Wiley, 2005 Pubbl/distr/stampa **ISBN** 9786610265602 9781280265600 1280265604 9780470360446 0470360445 9780471704263 0471704261 9780471704256 0471704253 Edizione [1st ed.] Descrizione fisica 1 online resource (397 p.) Disciplina 004.36 Soggetti Computational grids (Computer systems) Computer networks 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 (p. 339-351) and index. A NETWORKING APPROACH TO GRID COMPUTING: Contents; About the Nota di contenuto Author; Preface; Acknowledgments; 1 Introduction; 2 Grid Benefits and Status of Technology; 3 Components of Grid Computing Systems and Architectures: 4 Standards Supporting Grid Computing: OGSI: 5 Standards Supporting Grid Computing: OGSA; 6 Grid System Deployment Issues, Approaches, and Tools; 7 Grid System Economics; 8 Communication Systems for Local Grids; 9 Communication Systems for National Grids: 10 Communication Systems for Global Grids: References; Glossary; Index Explores practical advantages of Grid Computing and what is needed by Sommario/riassunto an organization to migrate to this new computing paradigmThis selfcontained reference makes both the concepts and applications of grid computing clear and understandable to even non-technical

managersExplains the underlying networking mechanism and answers

such questions critical to the business enterprise as""What is grid computing?""""How widespread is its present/potential penetration?"""" Is it ready for prime time?"""Are there firm standards?""""Is it secure?"""" How do we bil