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Edizione	[First edition.]
Descrizione fisica	1 online resource (347 pages) : color illustrations, color maps
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Disciplina	910.285
Soggetti	Geographic information systems - Design
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Note generali	Includes index.
Nota di contenuto	I: Understanding the GIS software technology -- System design process -- GIS software technology -- Software performance -- GIS data administration -- II: Understanding the IT infrastructure -- Network communications -- GIS product architecture -- Platform performance -- Information security -- III: Putting it all together -- Performance fundamentals -- Capacity planning tool -- City of Rome case study -- System implementation.
Sommario/riassunto	"Building a GIS, second edition, describes and updates a time-tested approach to system architecture design. Using the Capacity Planning Tool (on the book's DVD), GIS managers and technical architects can try out various system configurations in theory before committing their resources. The book promotes successful GIS operations and is intended for IT experts adopting the technology, GIS professionals new to system design, and executives who need to manage change. This second edition has been thoroughly revised and restructured. Graphics have been updated and numerous illustrations added. Exercises and video presentations on the DVD are designed to help students of system architecture design focus on the most important concepts and hone their expertise. The DVD included with this book contains the Capacity Planning Tool, hardware specifications information, and

instructional exercises and videos. You need Microsoft Excel 2003 or higher to use the Capacity Planning Tool, and Adobe Reader to view exercise content and a new segment on training guidelines. QuickTime media player is needed to view the videos"--