1.	Record Nr.	UNISALENTO991003247239707536
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	Titolo	Network programming in .NET [electronic resource] : with C# and Visual Basic .NET / Fiach Reid
	Pubbl/distr/stampa	Amsterdam ; Boston : Elsevier/Digital Press, c2004
	ISBN	9781555583156 1555583156
	Descrizione fisica	xix, 541 p. : ill. ; 24 cm.
	Disciplina	004.6 004.6005.276
	Soggetti	Computer networks - Design and construction Computer software - Development C# (Computer program language) Microsoft .NET Electronic books. Microsoft Visual BASIC
	Lingua di pubblicazione	Inglese
	Formato	Risorsa elettronica
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	How the web works; An introduction to sockets; -- Interfacing into a web-server; How email works; FTP; -- ASP.Net basics; Data bound web controls; Enterprise scale development; Web services. Understanding the Internet and network programming -- I/O in the .NET framework -- Working with sockets -- HTTP : communicating with Web servers -- SMTP and POP3 : communicating with email servers -- FTP : communicating with file servers -- Securing a network : firewalls, proxy servers, and routers -- Protecting data : encryption -- Controlling user access : authentication and authorization -- Programming for scalability -- Optimizing bandwidth utilization -- Ping, DNS, and WHOIS : monitoring your network -- Analyzing network packets -- Adding digital telephony -- Message queues --IPv6 : programming for the next-generation Internet -- Web services and remoting.
	Sommario/riassunto	The purpose of this book is to provide tools to design and implement network-orientated applications in .NET. It is also a guide for software

designers to choose the best and most efficient way to implement mission critical solutions. The book addresses real-world issues facing professional developers, such as using third-party components as opposed in-house development. It differentiates itself from existing .NET publications because it is aimed at experienced professionals and concentrates on practical, ready-to-use information. The book is written in two languages C# and VB.NET, and covers never-before published information on Telephony in .NET and packet-level networking. This is the second book in the Digital Press Software Development Series. Coverage of lower level protocols allows implementation of performance-centric applications Demonstrates the feasibility of developing telephony solutions in-house rather than outsourcing Written in VB.NET and C# to assist readers working in either language Coverage of Email, FTP and the WWW allows implementation of applications in all three areas.