1.	Record Nr.	UNISA996466008403316
	Titolo	Service Research Challenges and Solutions for the Future Internet [[electronic resource]] : S-Cube - Towards Engineering, Managing and Adapting Service-Based Systems / / edited by M. Papazoglou, Klaus Pohl, Michael Parkin, Andreas Metzger
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
	ISBN	1-280-39069-7 9786613568618 3-642-17599-6
	Edizione	[1st ed. 2010.]
	Descrizione fisica	1 online resource (XVIII, 374 p. 55 illus.)
	Collana	Computer Communication Networks and Telecommunications ; ; 6500
	Disciplina	005.3
	Soggetti	Computer engineering Application software Computer communication systems Software engineering Computer logic Artificial intelligence Computer Engineering Information Systems Applications (incl. Internet) Computer Communication Networks Software Engineering Logics and Meanings of Programs Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	The S-Cube Research Vision -- Business Process Management -- Service Composition -- Architectures & Infrastructure -- Adaptation of Service-Based Systems -- Modeling and Negotiating Service Quality -- Analytical Quality Assurance -- Service Engineering -- Architecture Views Illustrating the Service Automation Aspect of SOA.
	Sommario/riassunto	S-Cube's Foundations for the Internet of Services Today's Internet is

standing at a crossroads. The Internet has evolved from a source of information to a critical infrastructure which underpins our lives and economies. The demand for more multimedia content, more interconnected devices, more users, a richer user experience, services available any time and anywhere increases the pressure on existing networks and service platforms. The Internet needs a fundamental rearrangement to be ready to meet future needs. One of the areas of research for the Future Internet is the Internet of S- vices, a vision of the Internet where everything (e. g. , information, software, platforms and infrastructures) is available as a service. Services available on the Internet of Services can be used by anyone (if they are used according to the policies de?ned by the provider) and they can be extended with new services by anyone. Advantages of the Internet of Services include the p- sibility to build upon other people's e?orts and the little investment needed upfront to develop an application. The risk involved in pursuing new business ideas is diminished, and might lead to more innovative ideas being tried out in practice. It will lead to the appearance of new companies that are able to operate in niche areas, providing services to other companies that will be able to focus on their core business.