Web Services, Service-Oriented Architectures, And Cloud Computing: The Savvy Manager's Guide (The Savvy Manager's Guides)
**Synopsis**

Web Services, Service-Oriented Architectures, and Cloud Computing is a jargon-free, highly illustrated explanation of how to leverage the rapidly multiplying services available on the Internet. The future of business will depend on software agents, mobile devices, public and private clouds, big data, and other highly connected technology. IT professionals will need to evaluate and combine online services into service-oriented architectures (SOA), often depending on Web services and cloud computing. This can mean a fundamental shift away from custom software and towards a more nimble use of semantic vocabularies, middle-tier systems, adapters and other standardizing aspects. This book is a guide for the savvy manager who wants to capitalize on this technological revolution. It begins with a high-level example of how an average person might interact with a service-oriented architecture, and progresses to more detail, discussing technical forces driving adoption and how to manage technology, culture and personnel issues that can arise during adoption. An extensive reference section provides quick access to commonly used terms and concepts. Broad, non-technical explanation of a technical topic for managers at all levels; Only web services book to cover data management and software engineering perspectives; excellent resource for all members of IT teams; Provides a set of leadership principles and suggested applications for using this technology.

**Book Information**

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Are you a savvy manager who wants to capitalize on the wave of change that is occurring with Web services, SOAs; and, more recently, cloud computing? If you are, then this book is for you! Author Douglas K. Barry, has done an outstanding job of writing a 2nd edition of a book that gives you the opportunity to consider some ideas and advice that just might make it easier for your organization to realize the potential benefits in Web services, SOAs, and cloud computing. Author Barry, begins with a high-level story of how a person on a business trip interacts with a SOA based on Web services and cloud computing. In addition, the author provides a high-level explanation for the technology and standards used for the business trip. He then explains the Web services connections. The author then, weaves the concepts of service-oriented architecture into a discussion of cloud computing. Next, he introduces force field analysis and applies it to the adoption of Web services. In addition, the author applies force field analysis to service-oriented architectures. He continues by providing force field analysis for adopting two types of cloud providers: software as a service and platform as a service. Then, the author deals with managing the human aspect of the change that occurs with the adoption of a service-oriented architecture with cloud computing. Next, he provides tips on how to make development easier. The author then introduces incremental SOA analysis that aims to help manage change by improving the project selection process in a way that also improves the chance of success for the selected project. In addition, he provides three basic experiments that use Web services and then uses the story about the business trip discussed earlier to address more advanced uses of Web services.

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