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Service Placement in Ad Hoc Networks

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Preface and Acknowledgments

Research into ad hoc networking has reached a point at which the unique properties of this type of network are more and more leveraged in order to develop networkwide optimization techniques. In their respective approaches, these techniques go beyond the possibilities present in traditional, Internet-style networking. In fact, we may soon see how ideas from ad hoc networking begin to spread back into the realm of more traditional networks and protocols. It is certainly an interesting time to do research in ad hoc networking.

Distributed service provisioning—and with it the dynamic placement of services—is one of the aforementioned novel optimization techniques for ad hoc networks. In this book, we provide a summary of the findings that were previously published in the more comprehensive text *Wittenburg, G.: Service Placement in Ad Hoc Networks. Ph.D. thesis, Department of Mathematics and Computer Science, Freie Universität Berlin, Berlin, Germany (2010)*. We have edited this text to combine an introduction to the field with the most generally interesting aspects and results of the proposed approach. Where warranted, we provide references to the original text to guide the interested reader to a more detailed discussion of the subject matter.

Additionally to the acknowledgements in the original text, we would like to express our gratitude the people at Springer UK, and in particular to Simon Rees, who provided help and guidance while we were editing this text.

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