NETWORK MODELING AND SIMULATION

Acknowledgments

We realize that this work would not have been a reality without the support of so many people around us. First, we would like to express our gratitude to Cisco Systems for partly supporting the research work that has contributed to this book. In particular, thanks to Mala Anand, VP of Cisco's Smart Services, and Jim McDonnell, Senior Director of Cisco's Smart Services. The Cisco research Grant to Western Michigan University was the nucleus of this project. Therefore, we are grateful for Cisco's research support for the last three years. Also, special thanks to the students of the Computer Science Department at Western Michigan University who worked on Cisco's research project and eventually played an important role in making this project a success. Mohsen Guizani is grateful to Kuwait University for its support in this project. Ammar Rayes is thankful to his department at Cisco Systems for encouragement and support. Ala Al-Fuqaha appreciates the support of Western Michigan University. Bilal Khan acknowledges collaboration with Hank Dardy and the Center for Computational Science at the US Naval Research Laboratory. He also thanks The John Jay College at CUNY for its support, and the Secure Wireless Ad-hoc Network (SWAN) Lab and Social Network Research Group (SNRG) for providing the context for ongoing inquiry into network systems through simulation.

The authors would like also to thank the John Wiley & Sons, Ltd team of Mark Hammond, Sarah Tilley, and Sophia Travis for their patience and understanding throughout this project.

Last but not least, the authors are grateful to their families. Mohsen Guizani is indebted to all members of his family, his brothers and sisters, his wife Saida, and his children: Nadra, Fatma, Maher, Zainab, Sara, and Safa. Ammar Rayes would like to express thanks to his wife Rana, and his kids: Raneem, Merna, Tina, and Sami. Ala Al-Fuqaha is indebted to his parents as well his wife Diana and his kids Jana and Issam.