Preface

Distributed Denial of Service (DDoS) attacks cause devastating effects on the web services and hence harm digital availability. This book gives a relevant theoretical framework and the latest research trends in the DDoS attack domain. It presents the state-of-the-art developments and challenges in the field of DDoS attacks. Mathematical solutions ranging from probability, queuing, statistical improvements to machine learning and soft computing are presented in the book. The latest trends like blockchains and honeypots for mitigating DDoS attacks are also described. The book is aimed at enhancing the knowledge and know-how of researchers and academicians working toward mitigation of DDoS attacks. Such readers will benefit from the systematic and latest trends against DDoS attacks in the mathematical and cryptographical area. Overall, the book promotes the development of new mathematical and cryptographical solutions in the field of DDoS.

Rajeev Singh
G.B. Pant University of Agriculture and Technology, Pantnagar, India

Mangey Ram
Graphic Era (Deemed to be University), India

https://doi.org/10.1515/9783110619751-202