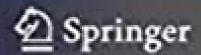
## SPRINGER BRIEFS ON CYBER SECURITY SYSTEMS AND NETWORKS

Chee Keong Ng - Lei Pan - Yang Xiang

## Honeypot Frameworks and their Applications: A New Framework



## Chee Keong NG and

## Honeypot Frameworks and Their Applications: A New Framework (SpringerBriefs on Cyber Security Systems and Networks)



This book presents the most recent research on honeypots and their applications. Furthermore, it offers extensive info on the contribution of honeypots in a few of the most popular malware research area such as for example DDoS, Worm, APT, forensics and Bot episodes. After introducing readers to the basic principles of honeypots and common types, it reviews different honeypot frameworks such as for example web-server-based, client-centered, shadow and artificially smart honeypots. As such, the book provides nonexperts with a concise guideline to honeypots, and will also benefit practitioners focusing on security systems. After that it puts forward a new framework that integrates various novel concepts, and which can feasibly be utilized for the detection of potential ransomware and bitcoin. The publication subsequently tackles the problem of honeypot countermeasures, shows many of the tricks often used by hackers to find honeypots, and proposes a counter-countermeasure to help conceal them.



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