



Botnets

Guest Editors:

Dr. Georgios Kambourakis

Department of Information and
Communication Systems
Engineering, University of the
Aegean, 83100 Samos, Greece

Prof. Dr. Constantinos Kolias

Department of Computer
Science, University of Idaho,
Idaho Falls, ID 83402, USA

Deadline for manuscript
submissions:

closed (31 January 2020)

Message from the Guest Editors

Networks of large numbers of compromised devices are assembled by evildoers to spread malware and orchestrate a range of attacks, including spam and DDoS. Along with the rise of a significant number of IoT botnet families, like Mirai and Hajime, alerting is the fact that botnets are increasingly used for spreading malware of a versatile nature. It is without doubt that we are transitioning into an era of more sophisticated and multipurpose botnets, and new detection and defensive mechanisms may be required.

The aim of the Special Issue at hand is to compile and publish solid works on the broad area of botnets, considering this threat from a both offensive and defensive perspective. We seek novel contributions from researchers, industrial practitioners, academia, and government agencies.

Possible topics of interest of this Special Issue include but are not limited to:

- Botnet topologies and architectures;
- IoT botnets;
- Advanced C&C channels;
- Detection and mitigation of botnets;
- Economics of botnets;
- Legal issues pertaining to botnets.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and
Software Engineering, University
of Wollongong, Northfields
Avenue, Wollongong, NSW 2522,
Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), [dblp](#), and [other databases](#).

Journal Rank: CiteScore - Q2 (*Information Systems*)

Contact Us

Information Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/information
information@mdpi.com
[X@InformationMDPI](#)