Special Issue

Software Defined Networking and Cyber Security

Message from the Guest Editors

Software-defined networking (SDNs) has evolved in the last decade to empower users and their applications and allow them to better optimize network and bandwidth usage. As a result, SDN creates a wave of impacts on several technologies and applications, such as security controls, wireless networks, smart phones, wide area networks, etc. This eventually integrates with relevant research trends such as autonomous security controls and adversarial machine learning, where the goal is to build intelligence in network and security components and controls and enable them to adjust and adapt to their environments, applications, user needs, etc. In this scope, this call for papers looks for research papers within the integration of SDN, cyber security, and machine learning. Potential topics include but are not limited to:

- Research on SDN testbeds related to cyber security
- Autonomous security controls
- Autonomous IDS/IPS and firewalls
- Automatic and adversarial machine learning
- Wireless and mobile programmable security

Guest Editors

Dr. Izzat Alsmadi

Department of Computing and Cyber Security at the Texas A&M, San Antonio, TX 78224, USA

Dr. Samer Khamaiseh

Department of Computer Science and software engineering, Monmouth University, West Long Branch, NJ 07764, USA

Deadline for manuscript submissions

closed (30 March 2022)

About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma,
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

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, Inspec, and other databases.

Journal Rank:
JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)

MDPI