Software Defined Networking and Cyber Security

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Deadline for manuscript submissions:
closed (30 March 2022)

Message from the Guest Editors

Dear Colleagues,

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

Special Issue

Editor-in-Chief

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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.

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