

Special Issue

State-of-the-Art Technology in Cloud and Network Infrastructure

Message from the Guest Editors

Recently, more delay-sensitive and availability-required applications (e.g., web search and online trading) have been deployed over geo-distributed clouds. The applications impose strict requirements for both intra-cloud and inter-cloud networks to guarantee the SLA. In reality, there are two main requirements, i.e., performance and security. Firstly, building a dedicated line for applications is expensive; therefore, adopting new technologies that improve user experience in an economical manner is essential for network and cloud providers. Secondly, infrastructures are bearing many threats from the internet, and many attacks can cause significant economic losses; thus, detecting and eliminating security incidents is important. This Special Issue focuses on cloud network optimization technology and security technology to guarantee user experience.

- All types of wide-area, data center, and cloud networks algorithms.
- All aspects of networks and networked systems.
- All types of computer network design, analysis, and experimental approaches.

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www.mdpi.com/journal/electronics/special_issues/28C59POL5H

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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