



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

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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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Message from the Editor-in-Chief

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