

Preface

In recent years, cloud computing technology has been widely used in many domains, such as manufacture, intelligent transportation system, and finance industry. Examples of cloud services include, but are not limited to, IaaS (Infrastructure as a Service), PaaS (Platform as a Service), and SaaS (Software as a Service). The underlying cloud architecture includes a pool of virtualized computing, storage, and networking resources that can be aggregated and launched as platforms to run workloads and satisfy their service-level agreement (SLA). Cloud architectures also include provisions to best guarantee service delivery for clients and at the same time optimize efficiency of resources of providers. Examples of provisions include, but are not limited to, elasticity through up/down scaling of resources to track workload behavior, extensive monitoring, failure mitigation, and energy optimizations.

The 7th EAI International Conference on Cloud Computing (CloudComp 2016) intended to bring together researchers, developers, and industry professionals to discuss recent advances and experiences in clouds, cloud computing, and related ecosystems and business support. The conference also aims at presenting the recent advances, experiences, and results obtained in the wider area of cloud computing, giving users and researchers equally a chance to gain better insight into the capabilities and limitations of current cloud systems.

CloudComp 2016 was held during November 25–26, 2016, in Guangzhou, China. The conference was organized by the EAI (European Alliance for Innovation). The Program Committee received over 40 submissions from six countries and each paper was reviewed by at least three expert reviewers. We chose 10 papers after intensive discussions held among the Program Committee members. We appreciate the excellent reviews and lively discussions of the Program Committee members and external reviewers in the review process. This year we chose two prominent invited speakers, Prof. Honggang Wang and Prof. Min Chen.

September 2017

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Cloud Computing, Security, Privacy in New Computing
Environments

7th International Conference, CloudComp 2016, and
First International Conference, SPNCE 2016,
Guangzhou, China, November 25–26, and December
15–16, 2016, Proceedings

Wan, J.; Kay, L.; Delu, Z.; Li, J.; Xiang, Y.; Liao, X.; Huang,
J.; Liu, Z. (Eds.)

2018, XIV, 240 p. 61 illus., Softcover

ISBN: 978-3-319-69604-1