Call for Paper

1st Workshop on High Availability and Observability of Cloud Systems (HAOC 2021)

Website: https://haoc2021.cs.jhu.edu

Important Dates
- Paper Submission: Wednesday, February 10, 2021
- Notification to Authors: Wednesday, March 17, 2021
- Final Paper Due: Wednesday, March 31, 2021
- Workshop date: Monday, April 26, 2021

Description

The 1st High Availability and Observability of Cloud Systems (HAOC) workshop (co-located with EuroSys '21) invites short papers related to the availability and observability of distributed systems at large scale. The workshop will bring together researchers and practitioners to discuss and debate emerging techniques, best practices, early ideas, and the latest progress. We welcome papers that describe promising innovations, report experiences in the field, offer insights on problems overlooked by the community (including findings from measurement studies), and challenge widely-held beliefs, with emphasis on the problems associated with complex, networked systems that handle high volumes of traffic, store and serve large amounts of data, or are geographically dispersed.

Relevant topics include, but are not limited to:
- Monitoring and alerting
- Distributed tracing
- Performance debugging in the large
- Online root cause analysis
- Chaos engineering
- Availability measurement
- Testing and correctness
- Fault tolerance and failure mitigation
- Using machine learning for automation
- Instrumentation including eBPF techniques and use-cases
- Zero-downtime updates and deployment