



Flash Memory with Scalable Storage (Ceph) Session 303-E (Applications Track)

- **Best Practices for Increasing SSD Performance with Ceph** - Jian Zhang, Sw Dev Engineer, Intel
- **Ceph Optimization on All Flash Storage** - Somnath Roy, Sr Staff Software Engineer, SanDisk
- **Accelerating Ceph with Flash and High Speed Networks** - Dror Goldenberg, VP Architecture, Mellanox Technologies
- **Open Compute and OpenStack Leveraging Next Generation Storage** - Tony Afshary, Director Ecosystem Solutions, Seagate Technology



Session Description

- Ceph is an open source distributed file system, that provides performance, reliability and massively scalable storage system used with cloud hosted infrastructure and applications.
- Thousands of hosts accessing petabytes to exabytes of data. Accelerating I/O performance would need flash storage, faster networking, enhancements to ceph code and optimizing Object Storage Devices
- This session will explore why Ceph is a hot storage solution and how flash and SSD can enhance it. Best practices, optimization and integration with IaaS cloud operating systems such as OpenStack



Cloud Stack where Ceph fits in

