Bringing Private Cloud Computing to HPC and Science: Present and Future

Tuesday, 17 September 2013 09:30 (30 minutes)

HPC-optimized clouds provide access to flexible and elastic scientific and technical computing to solve complex problems and drive innovation. This talk will describe the most demanded features for building HPC and science clouds. Using real-life case studies from leading research and industry organizations, the talks will illustrate how OpenNebula effectively addresses the challenges of cloud usage, scheduling, security, networking and storage. The keynote will end with a view of the future of private Clouds in HPC and science, and comment on the grid as the foundation of cloud federation.

Description of Work

Wider Impact of this Work

Session, double-session

NA

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Printable Summary

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Session Classification: Plenary Session