SSDs In The Cloud

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SSDs in the Cloud

- With inherent latencies, cloud computing needs clustered SSDs.

- Google sets standard -- sub-second response times.

- Required to compete: distributed, in-memory content

SSDs in the Cloud

- DigitalOcean features virtual servers fully provisioned in 55 seconds.

- DigitalOcean grew from 100 servers in Dec. 2012 to 7,000 by end of June.

SSDs in the Cloud

- Colt offers high performance cloud servers using SolidFire SSD storage

- SolidFire guarantees performance of shared storage

SSD in the Cloud

- Cloud apps thrive on:

- Near real time data analysis
- Business logic applied to individual data
- Quick response times

SSDs in the Cloud

- Hadoop succeeds as cloud software

- Hadoop is batch

- Imagine Hadoop as a real time system