Midterm One Study Topics

Here are highly suggested study topics for the midterm:

- Delivery Model of Cloud Computing
- Basics of Amazon Web Service
- The Properties of Big Data and Big Data Programming Frameworks
- Basics of Sharding
- Basics of Storage Area Networks
- Cloudonomics
- Marshaling
- REST API
- JSON
- XML
- Main Load-Balancing Algorithms
- Multitenancy
- Windows Azure
- Google App Engine
- Para-virtualization
- Hardware-based Virtual Machines
- OpenStack
- Hadoop
- STORM basics
- YARN
- MapReduce