

CHALLENGES IN HOSTING MYSQL

Jun Su

A series of several parallel white lines of varying lengths and positions, all slanted diagonally from the bottom-left towards the top-right, located in the lower right quadrant of the slide.

- ▶ Update the binary for continues improvement
- ▶ Fail always, Failover always
- ▶ Fully automated recovery
- ▶ SLA is contract with the customers
- ▶ Quick memory dump, postmortem later

FAST CRASH & RECOVERY

- ▶ Commodity hardware
- ▶ Virtualized environment, Hyper-V
- ▶ Scale-out, No Scale-up
- ▶ No local attached Disk (high latency)

HARDWARE DIFFERENT

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.

- ▶ Expose on Internet
- ▶ DDOS, Dictionary attack

- ▶ Multi-tenancy, resource governance
- ▶ Dynamic Resource (shared resource)

SECURITY & RESOURCE



- ▶ No manual work anywhere, No Repair table
- ▶ Auto-tune for different workload
- ▶ DBA v.s. No DBA
- ▶ Self Service for most operations

MANAGEABILITY

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.