



#codemash

Deployment

Sridhar Nanjundeswaran

Engineer, MongoDB

@snanjund

Deployment notes

- Database only supported on little endian
- Drivers work on big and little endian
- Common mistake
 - Underprovision memory and I/O
 - CPU not as important
 - Check your indexing

Networking

- Run in a trusted environment
- Configure the necessary firewall rules
 - iptables in linux
 - netsh on Windows

Storage

- On Linux
 - Use ext4 or xfs
 - Turn off atime
 - Configure appropriate readahead
- RAID-10 usually works best
- Remote file systems
 - Consider network
 - NFS not recommended

Miscellaneous

- Setup backups
 - Test backups
 - Replication is not a substitute for backup
- Monitor
 - OS and MongoDB
 - MMS
 - iostat
- Sharding
 - Shard (extend shard) before you absolutely need it

For More Information

Resource	Location
MongoDB Downloads	www.mongodb.org/download
Free Online Training	Education.mongodb.com
Webinars and Events	www.mongodb.com/events
White Papers	www.mongodb.com/white-papers
Case Studies	www.mongodb.com/customers
Presentations	www.mongodb.com/presentations
Documentation	docs.mongodb.org
Additional Info	info@mongodb.com



#codemash

Questions?

Sridhar Nanjundeswaran

Engineer, MongoDB

@snanjund