Deploy Cassandra using a Mesos Containerizer

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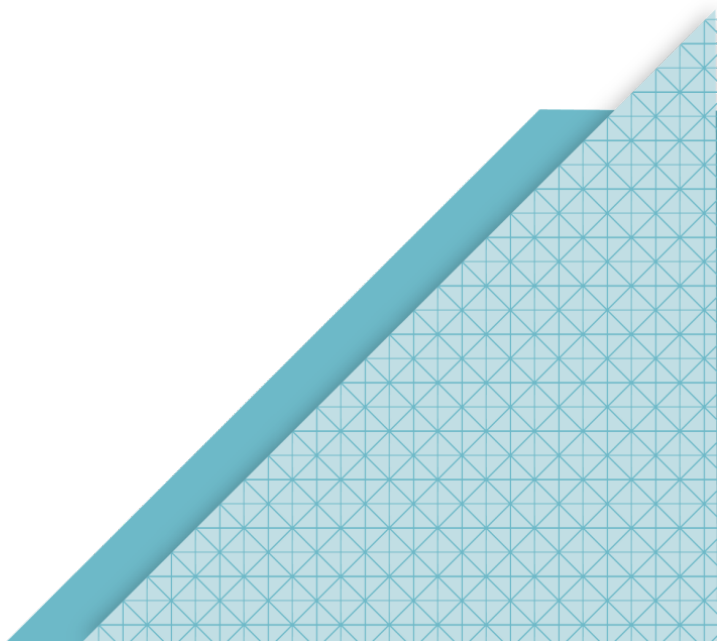

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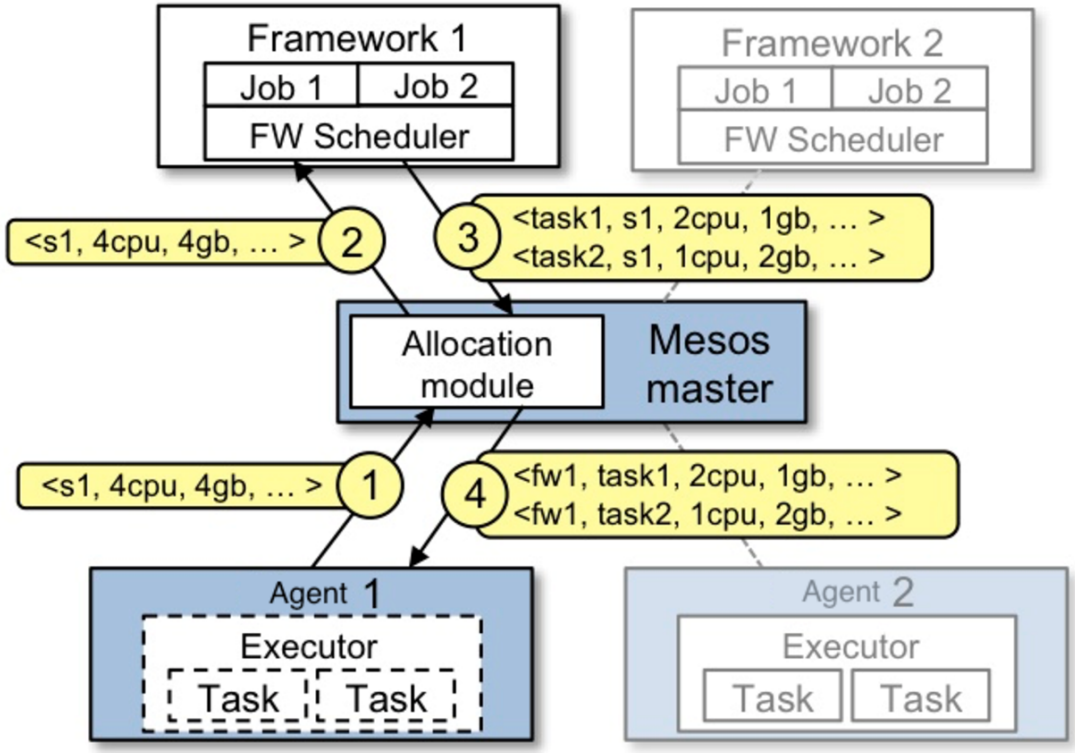
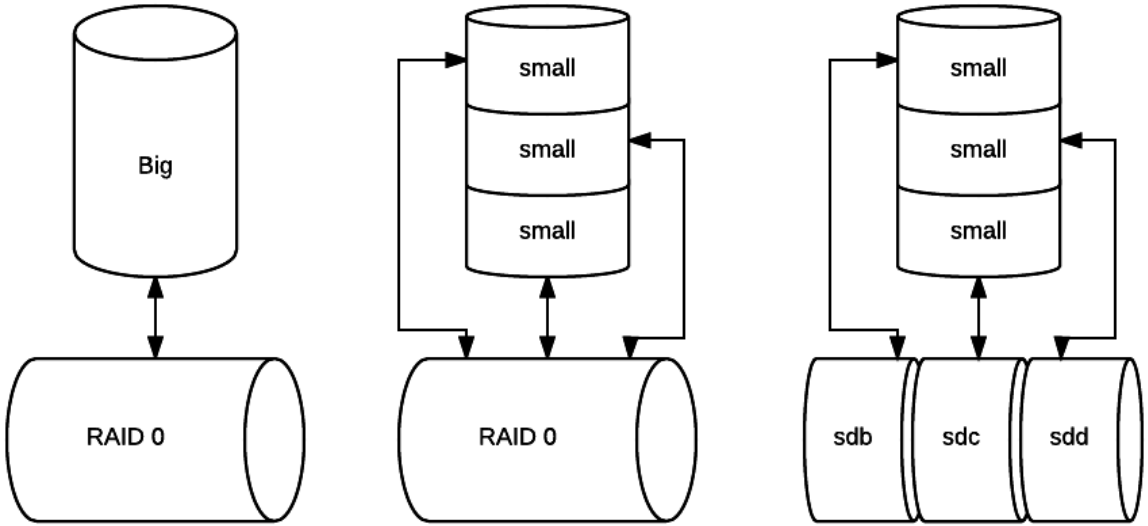
Architecture



Typical Cassandra deployment on high I/O boxes



Isolation

- Disk? Mesos *“mount disks”* feature
- CPU/Memory? Mesos container (cgroup)
- Port? Track ports which have already been used for given node

Operational difficulty

- No additional overhead

- Only one drawback is we have to use custom port as part of cqlsh/nodetool

References

https://github.com/mesosphere/dcos-cassandra-service

https://docs.mesosphere.com/

Thank You!

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