

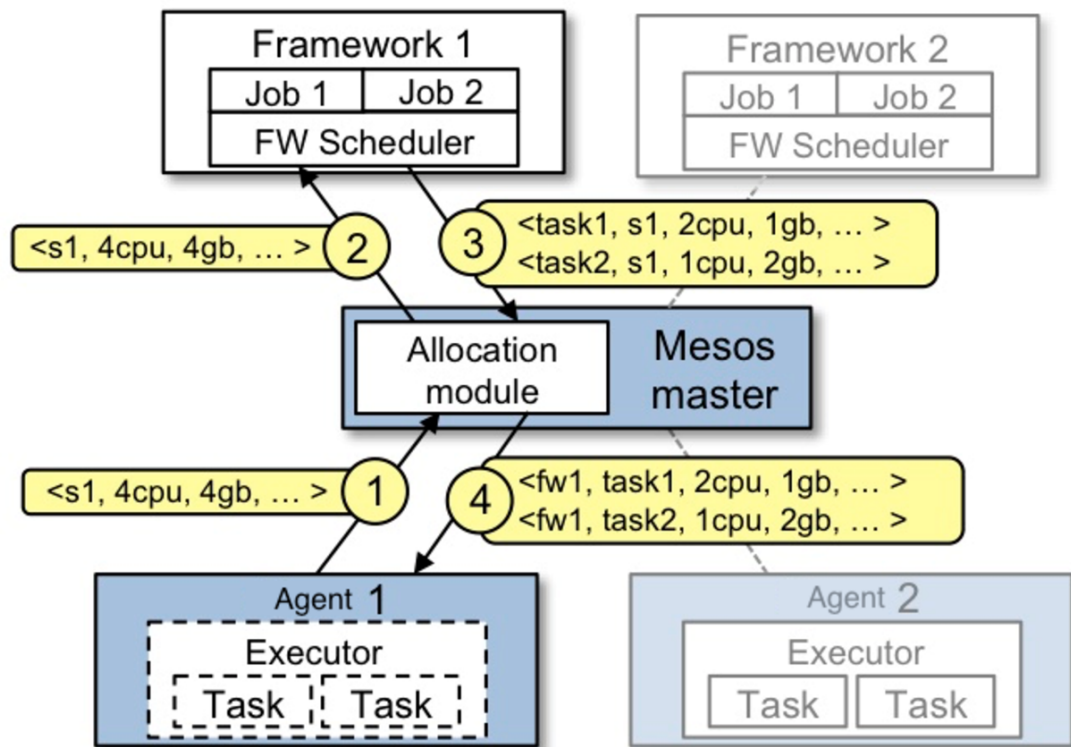
Deploy Cassandra using a Mesos Containerizer

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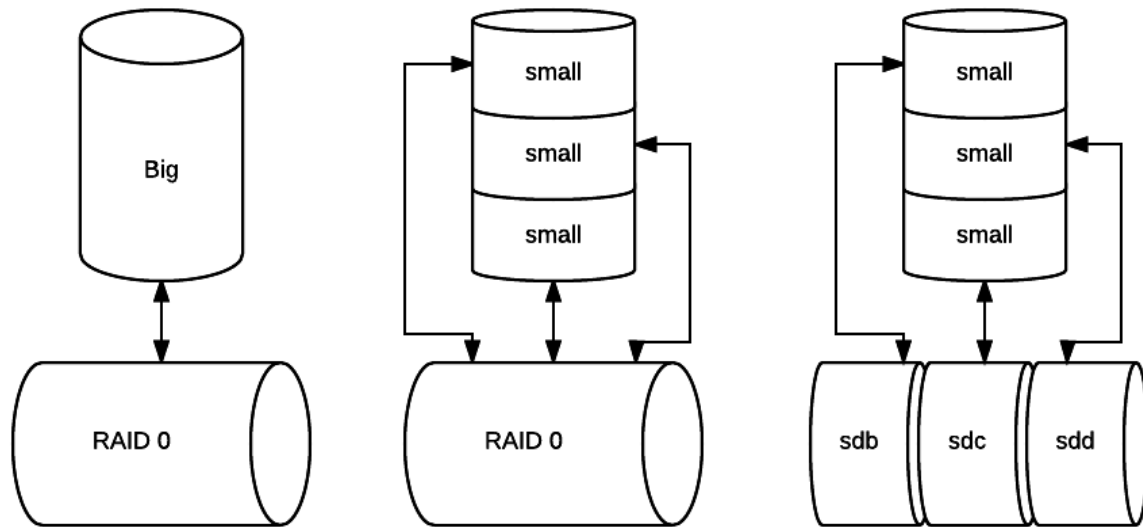
September 26, 2017

A decorative graphic element in the bottom right corner of the slide. It features a teal-colored diagonal band that transitions into a light blue background with a fine, repeating geometric pattern of small squares and lines.

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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