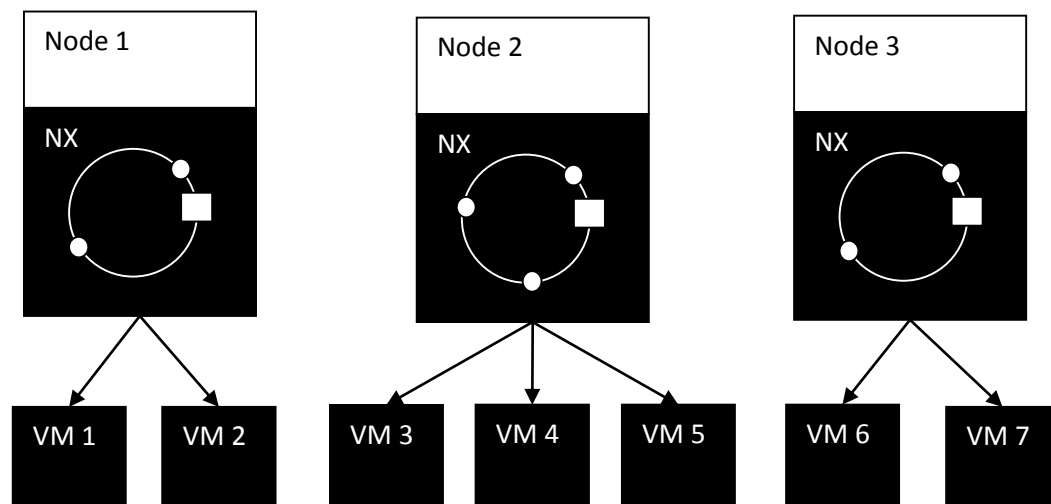# Design alternatives

Local Hashring

- Every node maintains its own hashring
- View Manager needs to be assigned to/withdrawn from a node
- Node sends operations to assigned view managers
- During a crash node just needs to replay the TL
- Load balancing has to be performed to react to hot spots
- Moving key ranges is difficult → consistency
-

Global Hashring

- Every node maintains an instance of the same global hashring
- Hash-ring is synchronized via Zookeeper
- Node sends operations to all view managers
- Load balancing essentially comes for free
- Moving key ranges is easy