



HybridCluster

Tech Talk

OpenZFS Europe - Summer 2014

ZFS is awesome for
storage

Less popular in the
cloud

Let's change that

Cloud infrastructure

- Linux (Ubuntu, CentOS, RHEL)
- Devops (Chef, Puppet, Salt)
- Docker (Containerization)
- 12 factor apps

Promise of containers:
application portability

Data deserves to be
portable too

```
docker run  
-v /outside:/inside
```


Watch the hand-wave

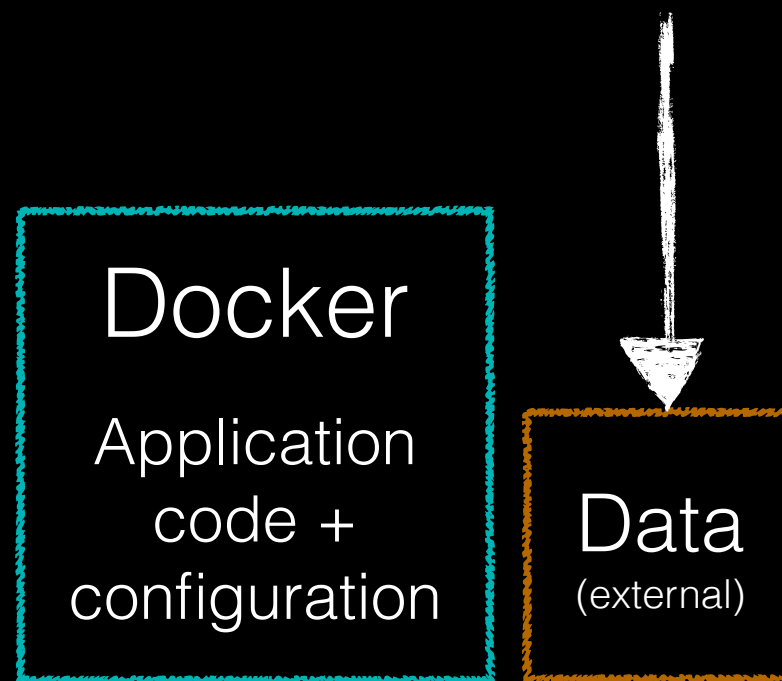
But state doesn't belong
in the application tier!

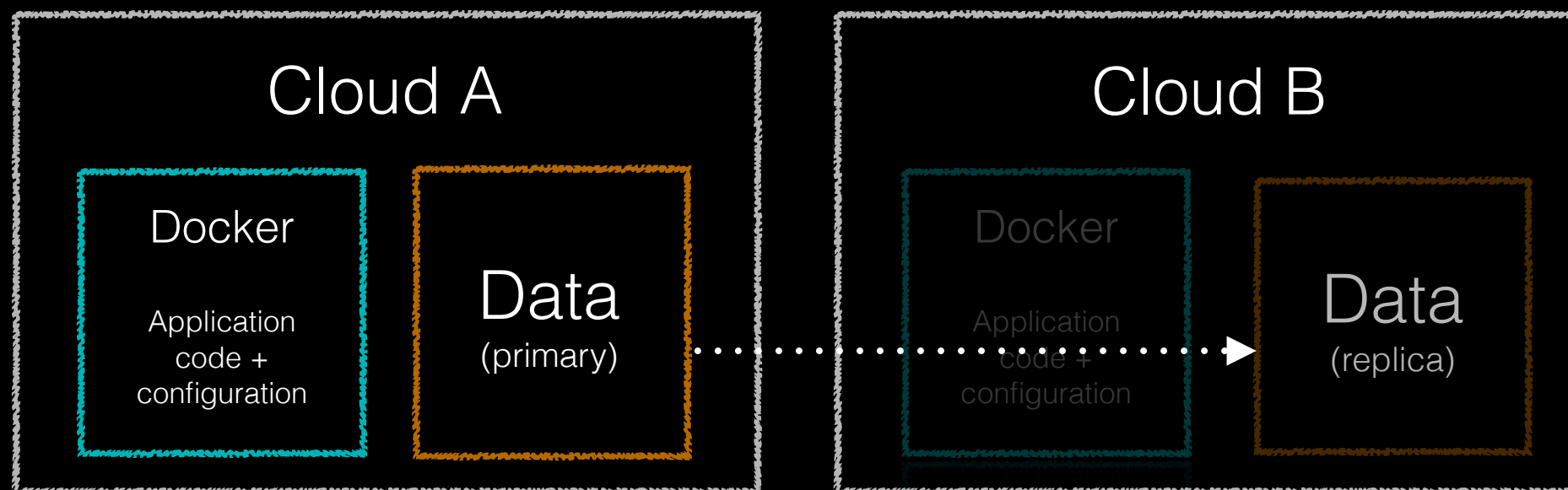
Services deserve to
be containerized too

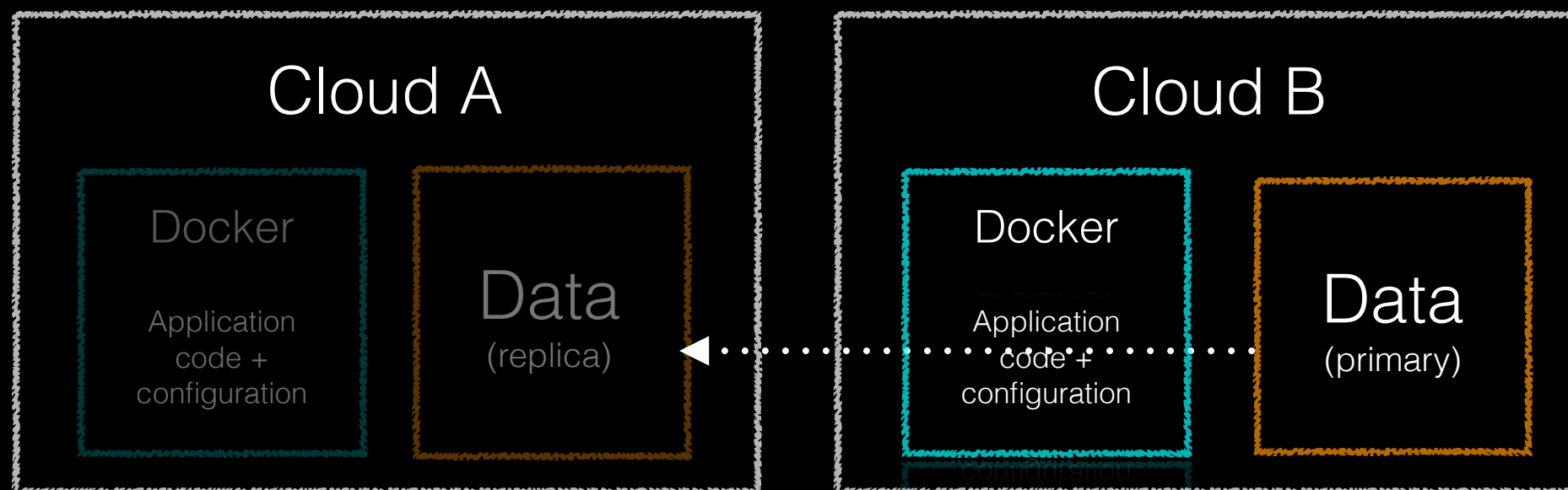
Vacuum of state
management

The problem with containers

Application code + configuration is sorted, but
the **data** is somebody else's problem

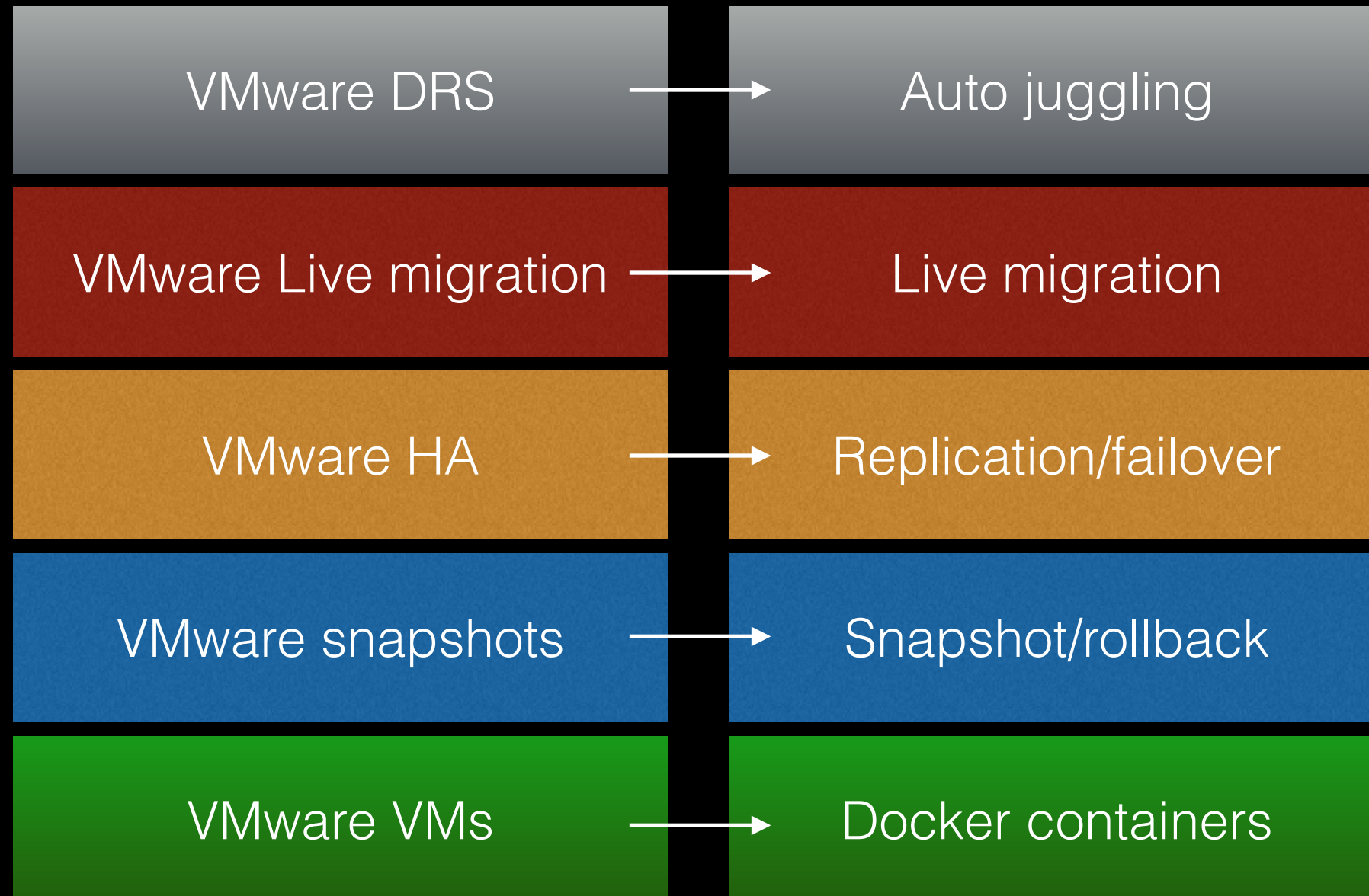




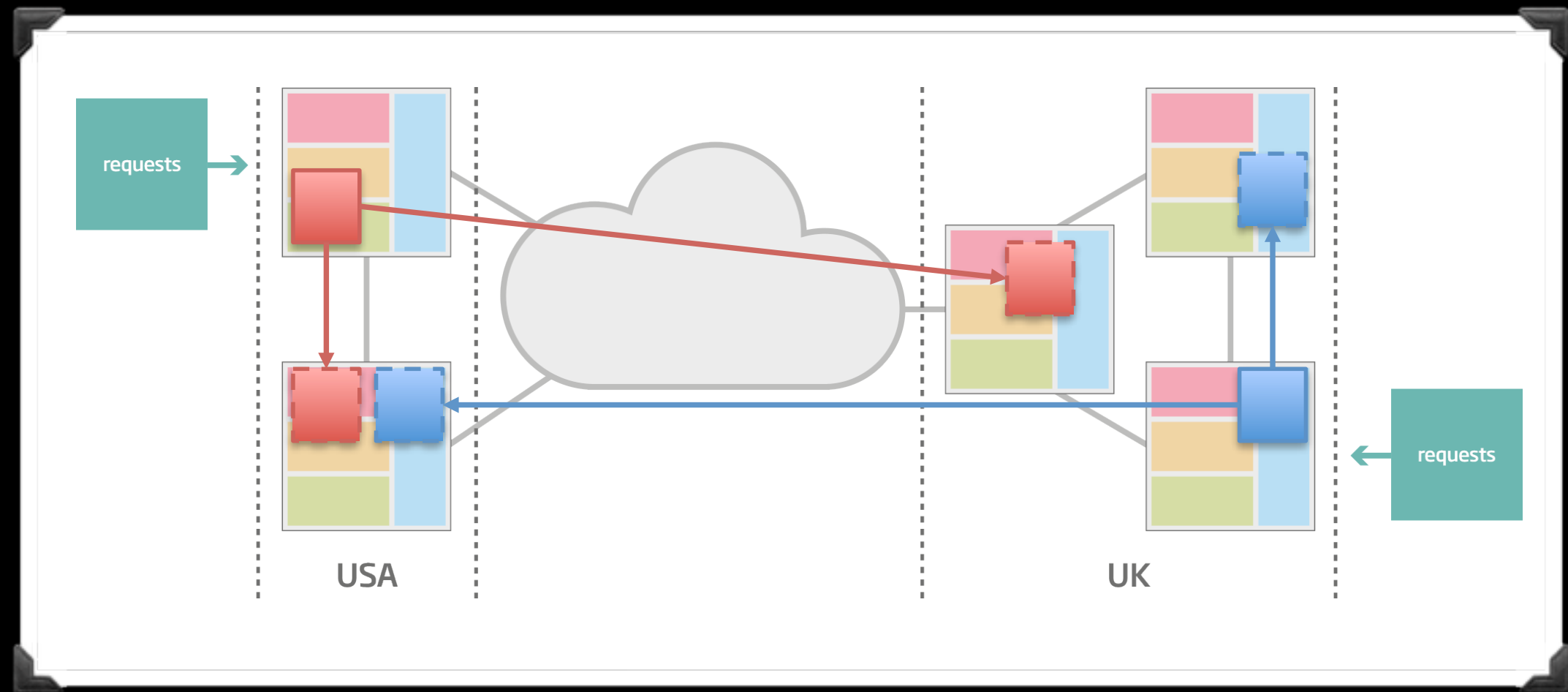


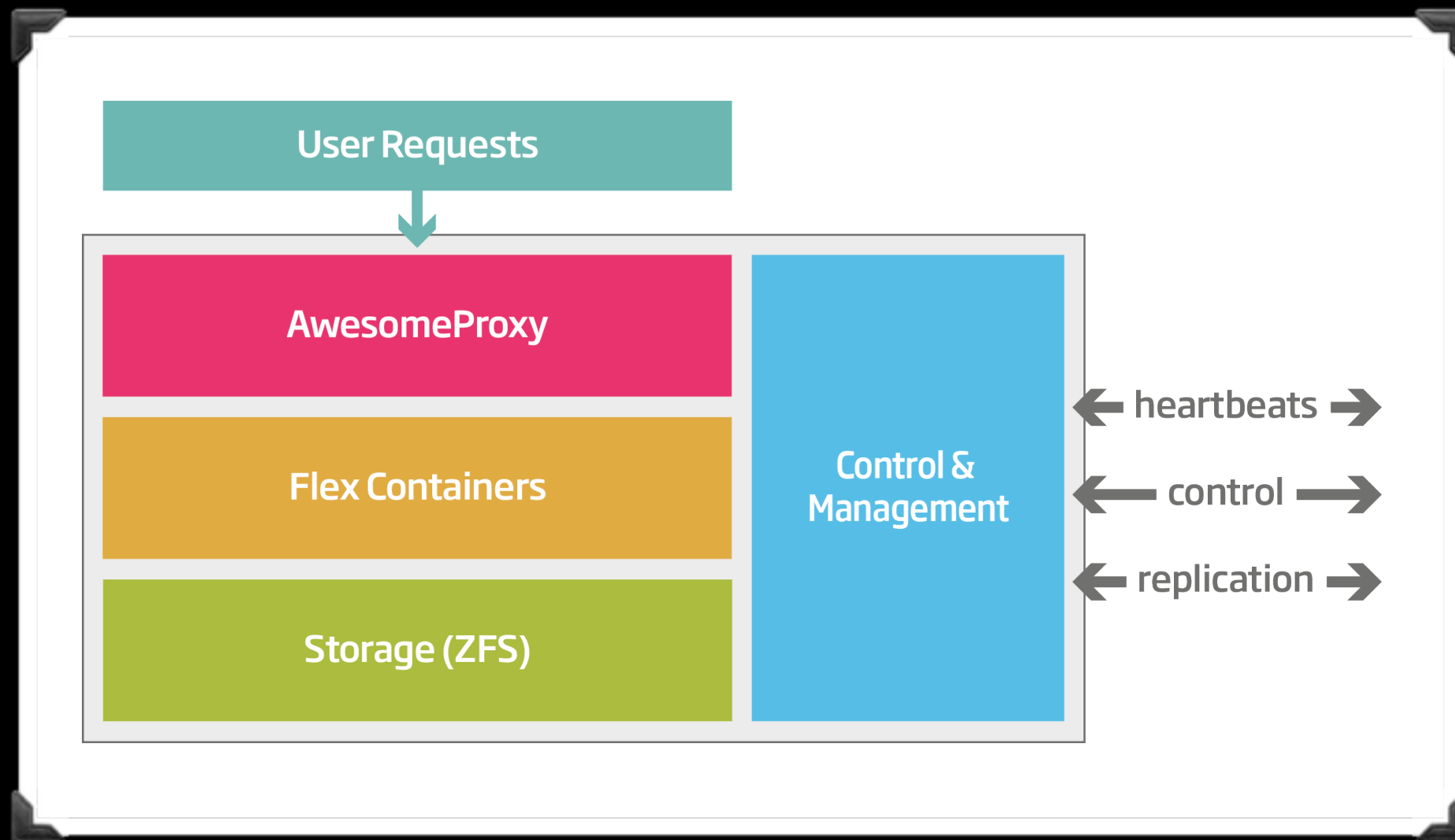
VMware on VMs

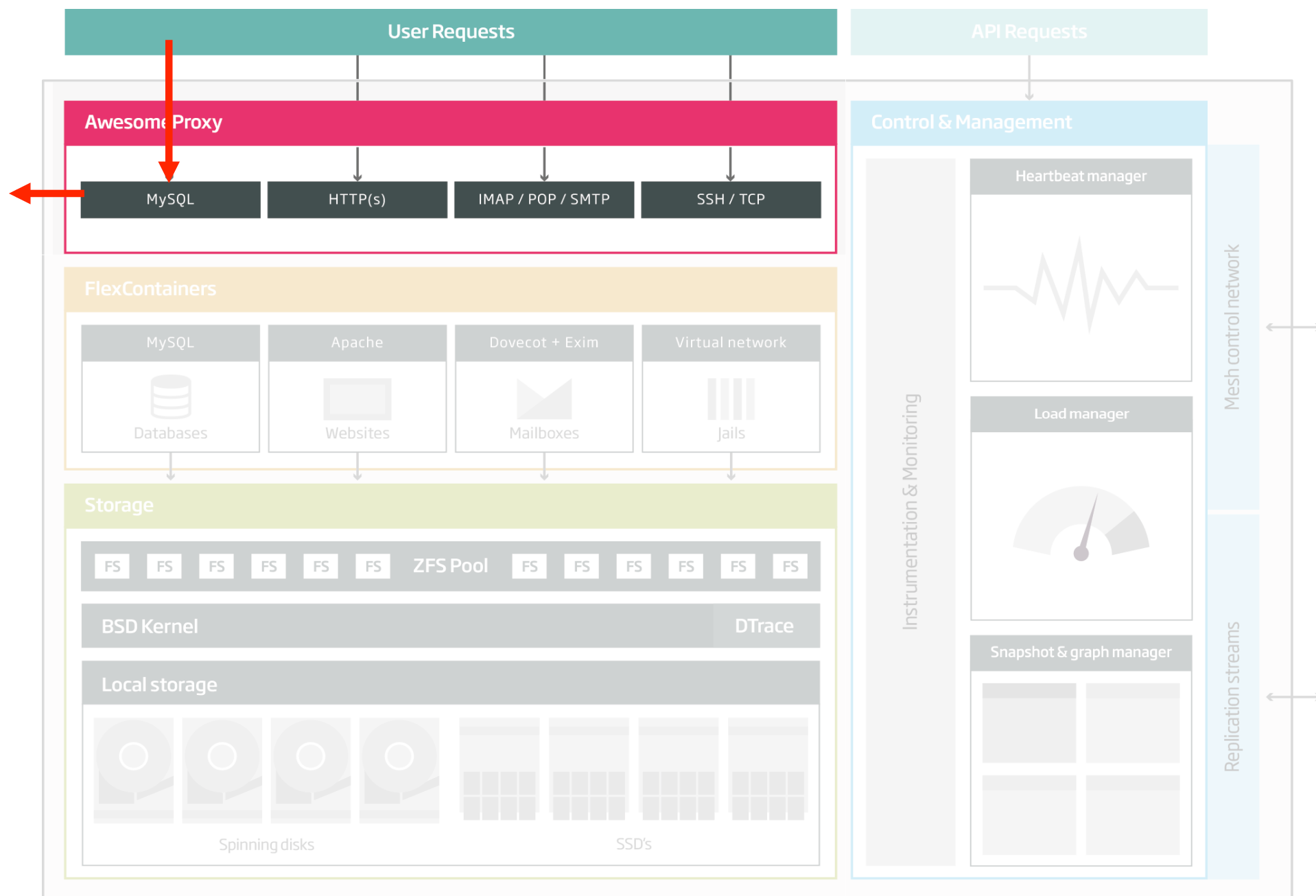
HC on Docker

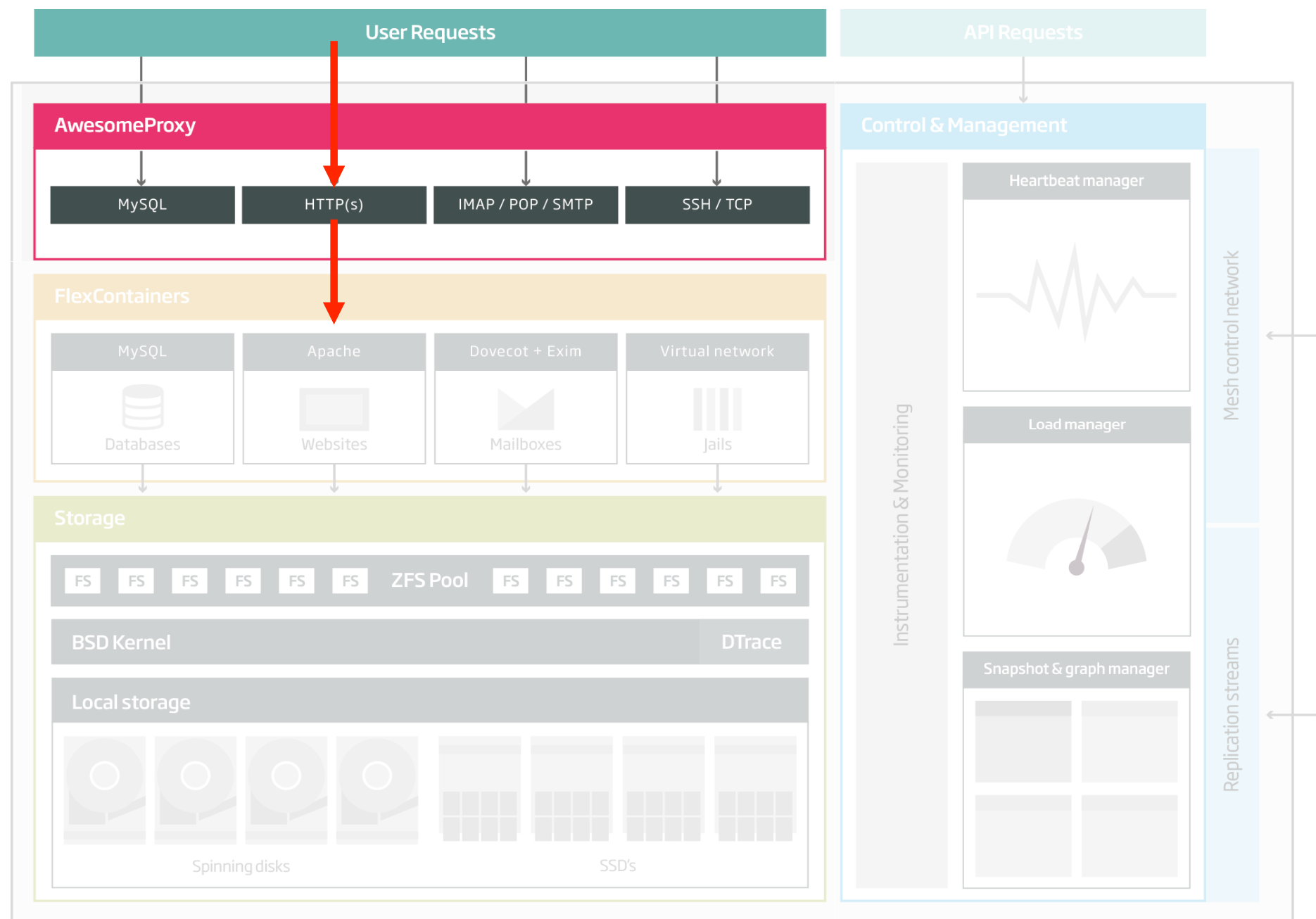


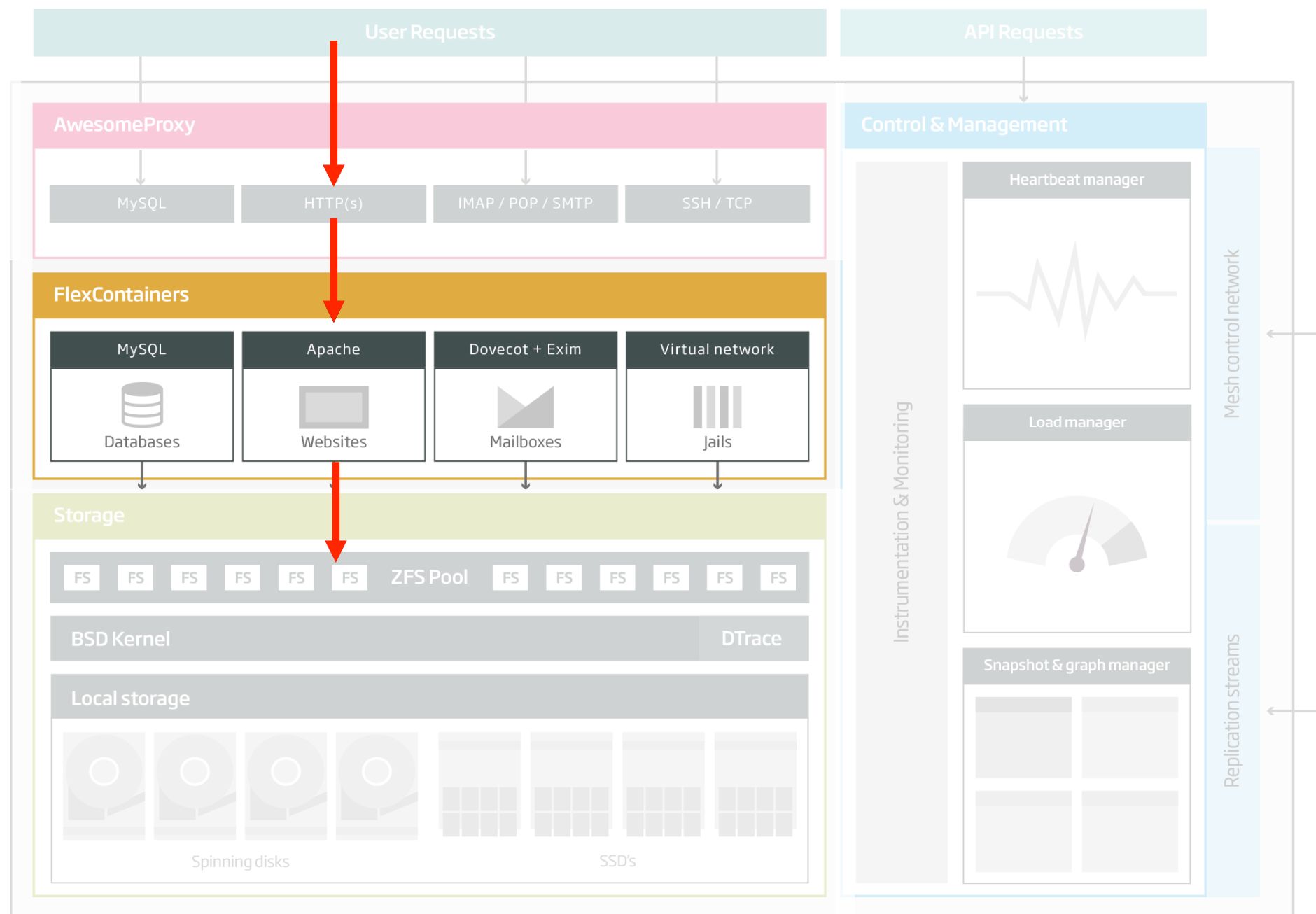
Technical capabilities

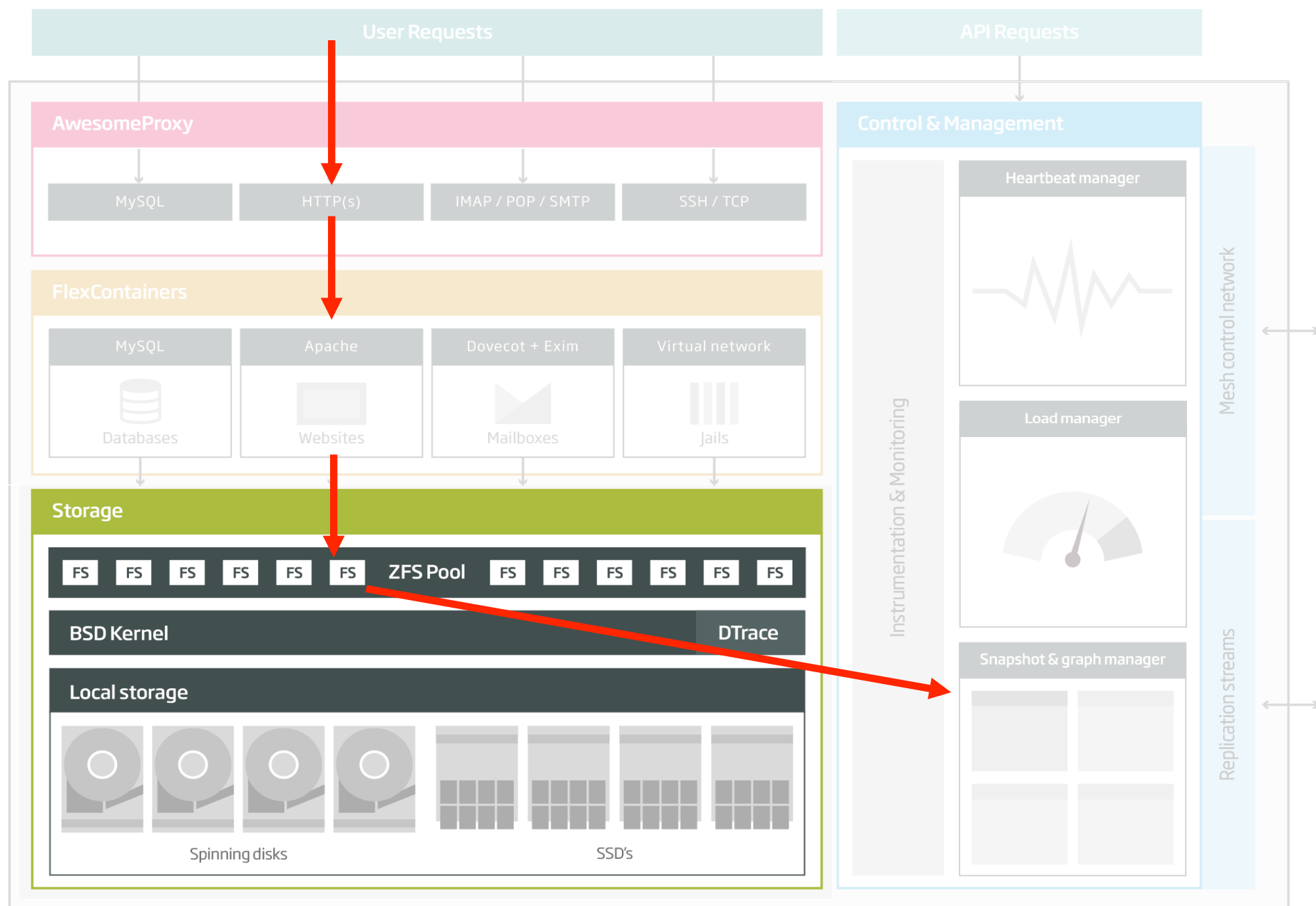


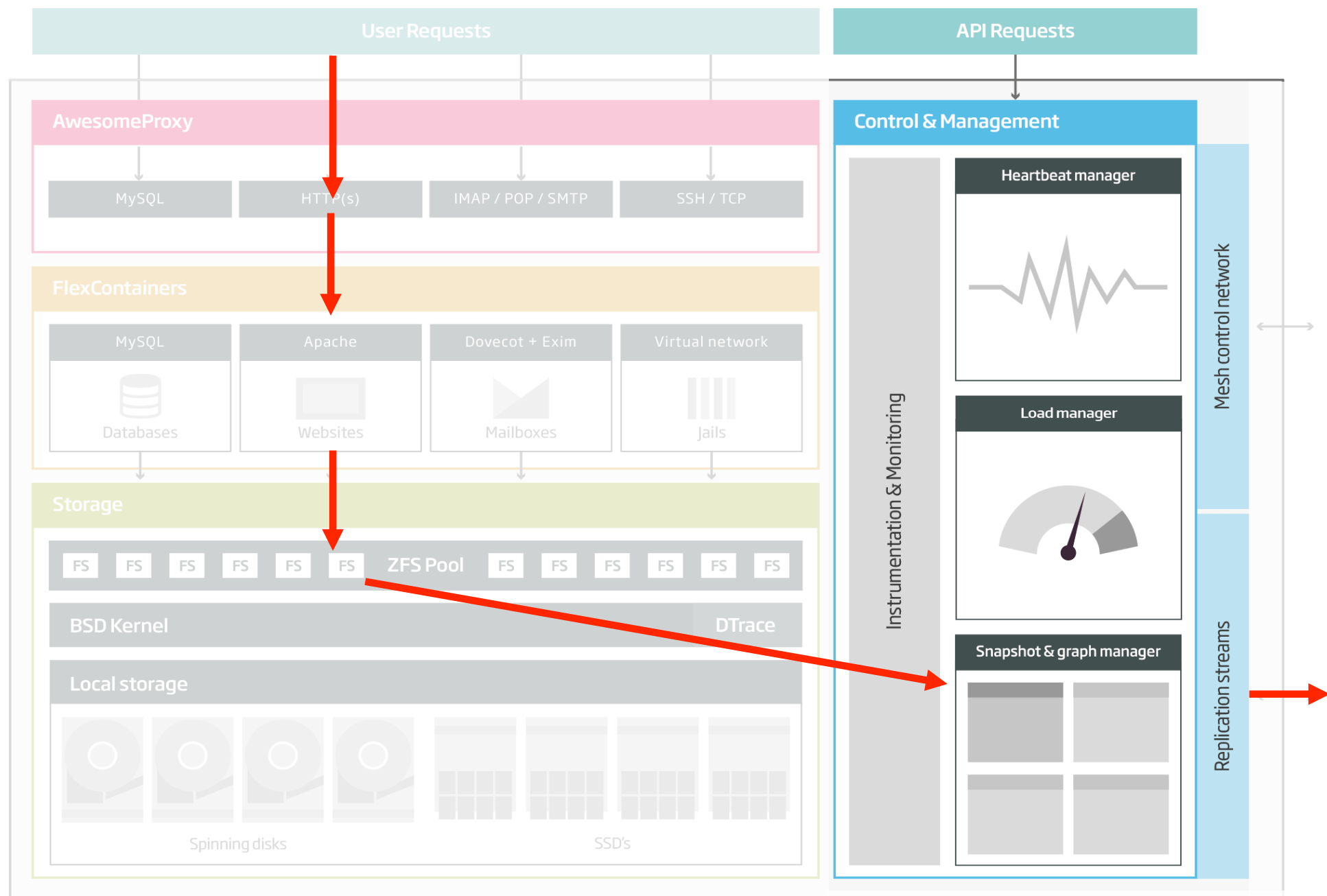










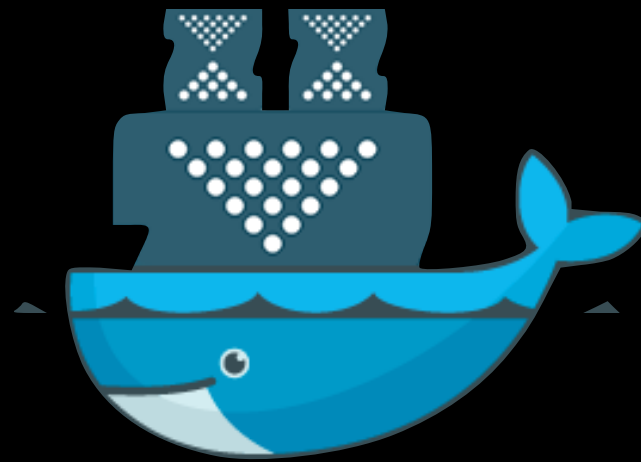


High availability

Live migration

Auto scaling

Time machine



Private beta
luke@hybridcluster.com

Thank you!
Questions?