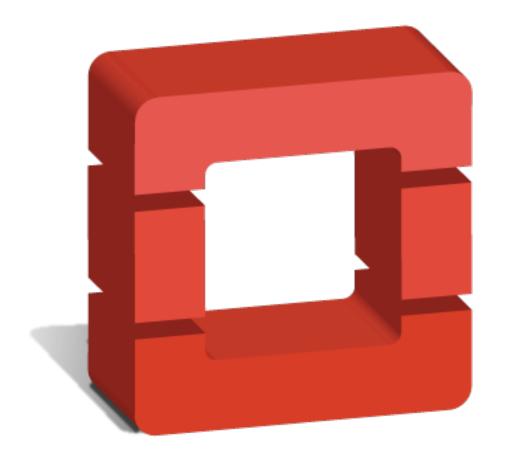
OpenStack KVM for the Masses

Mark McLoughlin

The Narcissistic Bit.



openstack

CLOUD SOFTWARE





Q: Why can't Amazon AWS migrate a live instance to new hardware when there's a hardware problem?

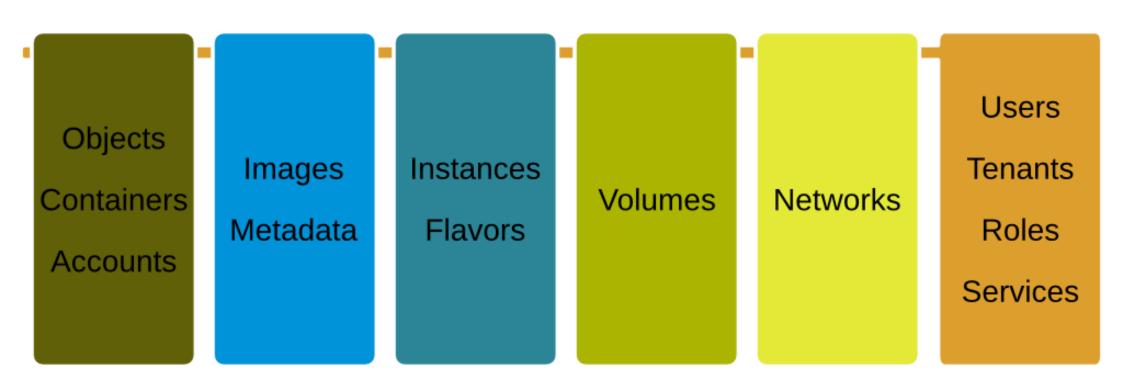
A: AWS doesn't support live migration internally as they are not architected to support it. Live migration requires complexity and complexity doesn't scale. AWS has been optimized for massive scale and the reduction of their own operational costs, which they are able to pass on to their customers as low prices.

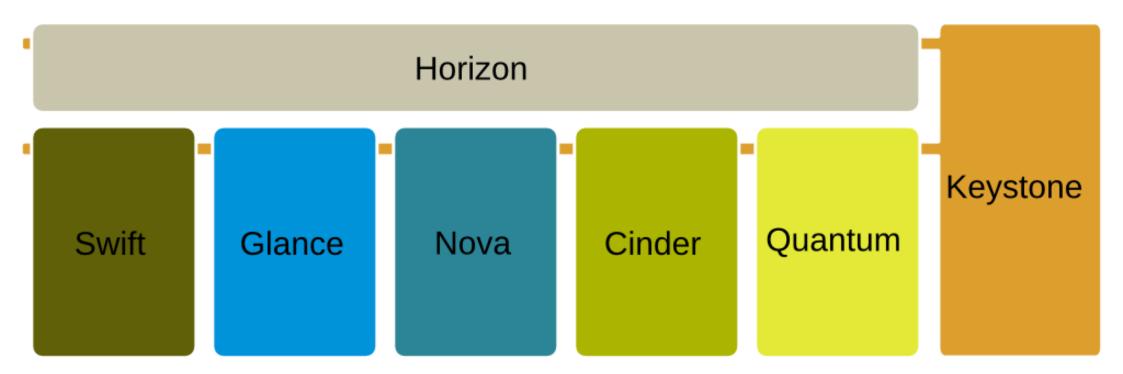
Randy Bias, Cloudscaling Founder

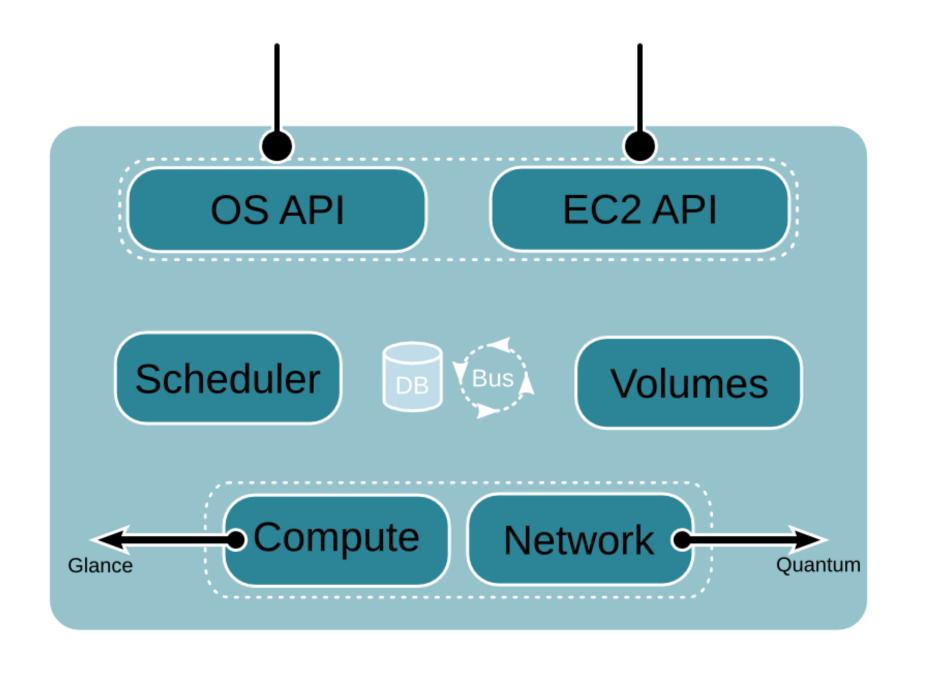












Details

- libvirt driver
- Uses libvirt's Python binding
- Relatively little development
- Fairly basic KVM user

Details

- Boot: kernel+initrd, HD or CDROM
- CPU config: host-model, custom, default
- Disks
 - root, ephemeral, swap, config drive
 - qcow2, virtio
- Volumes
 - iSCSI, RBD, Sheepdog, Netapp
- Multiple NICs
 - virtio, private network, filtering

Help OpenStack help KVM.

Fin

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