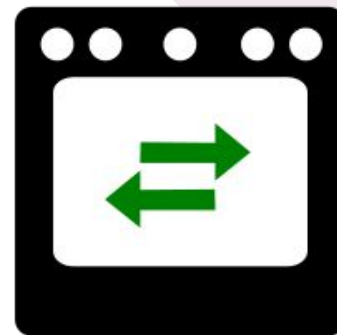


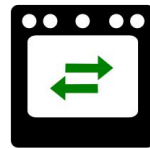
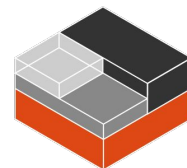
Charmed OVN

We light the OVN so that everyone may flow with it



Frode Nordahl, Senior Engineer, OpenStack Engineering

CANONICAL  ubuntu 





Juju

Model driven, re-usable open
source operations

Controllers
Applications
Machines
Relations
Networking
Storage





Charms

Encapsulation of operational knowledge of applications

Installation

Configuration

Connection

Upgrades and Updates

Scale-out (and in)

Health

Operations





MAAS

Open source bare-metal
automation

Automated physical server provisioning

Dynamic allocation of workloads

IPAM

Zones

Web UI and REST API





LXD

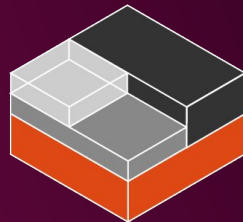
Faster, denser, lower latency
Linux machine
containers

Machine containers

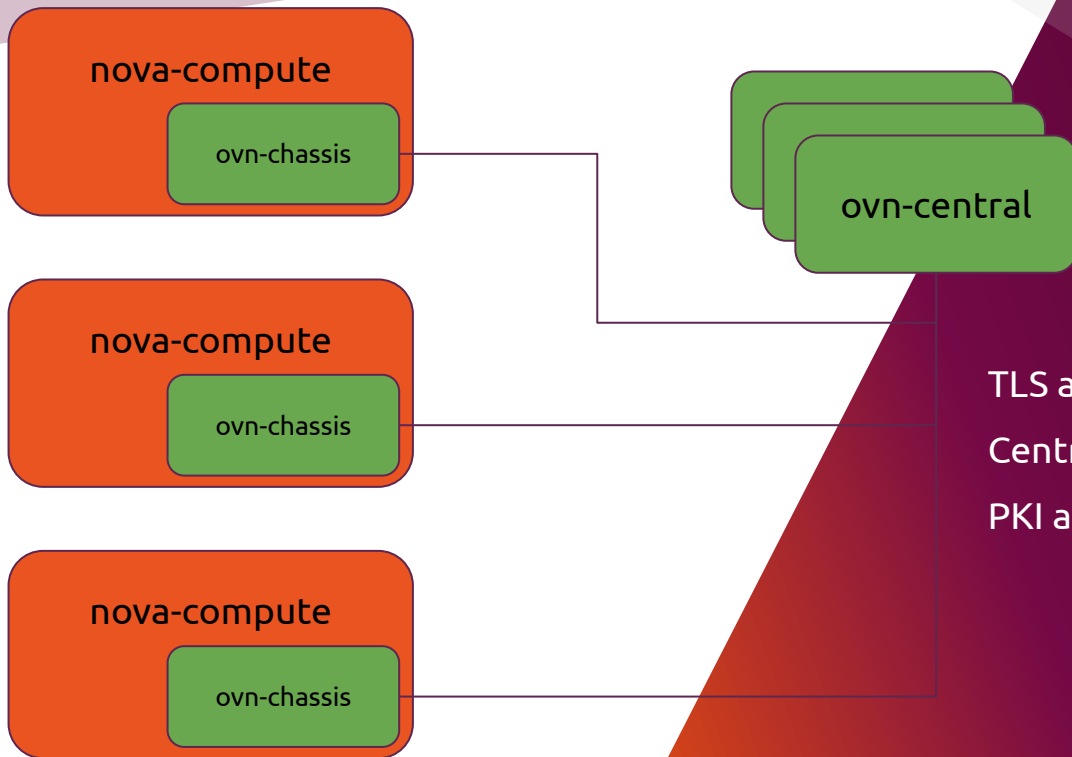
Resource management

REST API

Juju integration



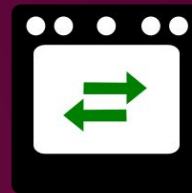
OVN Charms



TLS and OVN RBAC by default

Central listeners locked down with firewall

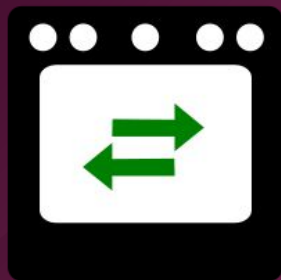
PKI automation, integration with Vault





Demo

Thankyou! Questions?



<https://github.com/fnordahl/demos/tree/master/ovscon>

irc: #openstack-charms @ Freenode