Charmed OVN

We light the OVN so that everyone may flow with it
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

- nova-compute
  - ovn-chassis

- ovn-central

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