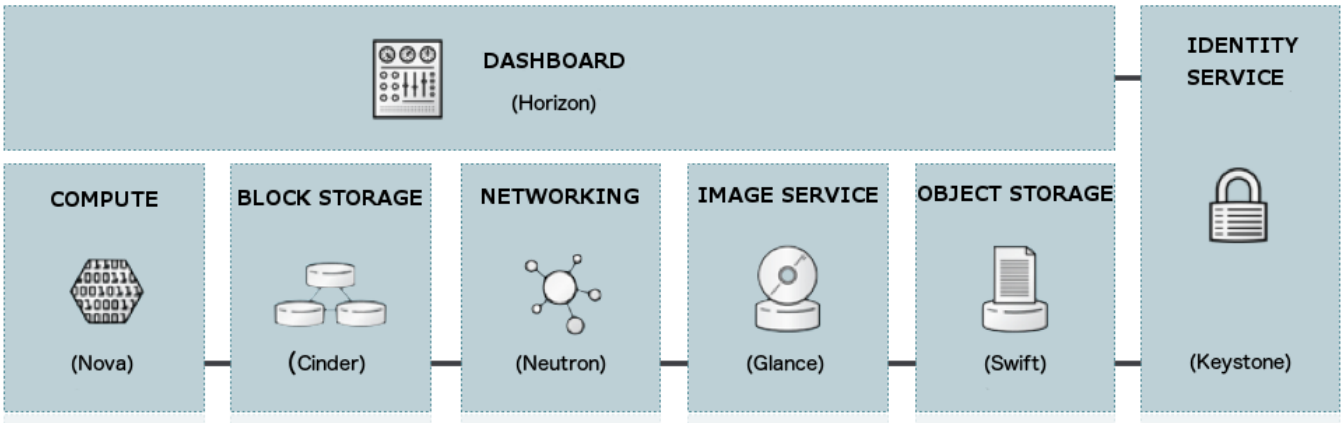
sesión 14 OpenStack

openstack

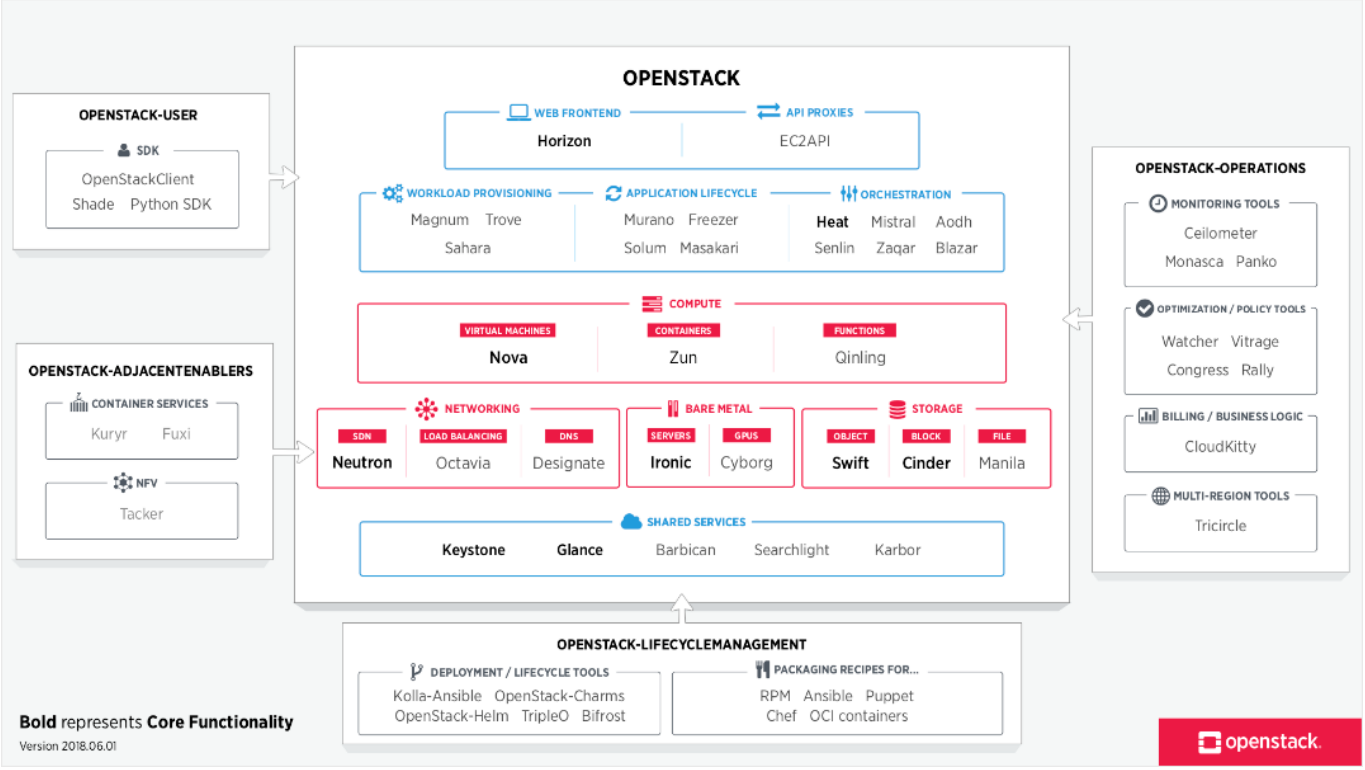
intro

- https://wiki.openstack.org/wiki/Main_Page
- Trove : Database as a Service
- Zaquar : rabbit openstack + broadcast
- Swift : aka S3
    - opensource S3 (interfaz) : https://min.io/ → mockups S3 (aunque funciona como producto por si mismo)

composición



- han personalizado los diferentes servicios
    - destacat: Nova y Neutron
    - https://www.openstack.org/software



- Object Store
  - RBD (block device)
  - ceph https://ceph.com/ (concurrencia)
  - storage distribuido, raid

instalación

- `apt install opentstack-deploy`
- `dpkg -L openstack-deploy | grep bin/`

google cloud

- https://kubernetes.github.io/ingress-nginx/user-guide/monitoring/
- https://cloud.google.com/monitoring/kubernetes-engine/prometheus
- `gcloud config set compute/zone eu-west1-b`
  - https://cloud.google.com/compute/docs/regions-zones/)
- `gcloud container clusters list`
- `gcloud container clusters get-credentials bootcamp –zone europe-west1-b –project caramel-era-236111`
  - para ver con que comandos interactua **kubectl**
- `gcloud container clusters resize bootcamp –size=3`
- `gcloud container`
- `gcloud container clusters delete bootcamp`

otros

- `hostname –fqdn` → `/etc/hosts`
- mysql:

```
USE mysql;
```

```
SELECT * FROM USER;
CREATE USER 'root'@'%' IDENTIFIED BY 'admin123';
GRANT ALL privileges ON *.* TO 'root'@'%';
FLUSH privileges;
```

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