

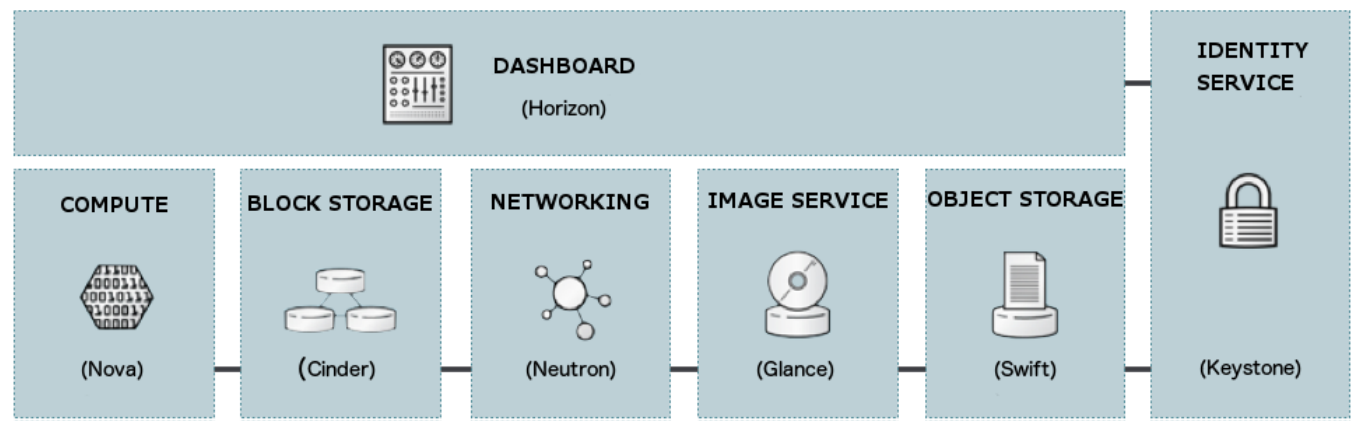
# sesión 14 OpenStack

## openstack

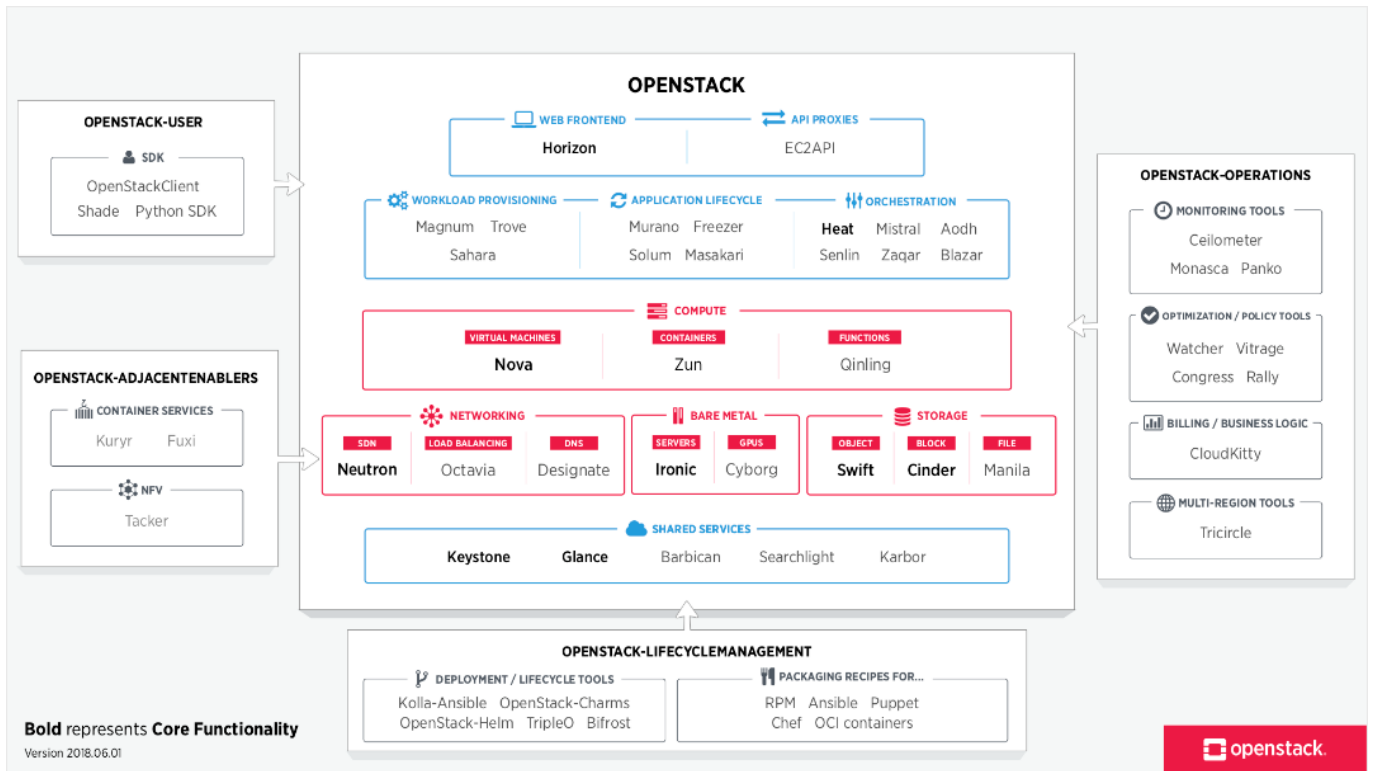
### intro

- [https://wiki.openstack.org/wiki/Main\\_Page](https://wiki.openstack.org/wiki/Main_Page)
- **Trove** : Database as a Service
- **Zaquer** : 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/> (concurrency)
  - storage distribuido, raid

## instalación

- apt install openstack-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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