

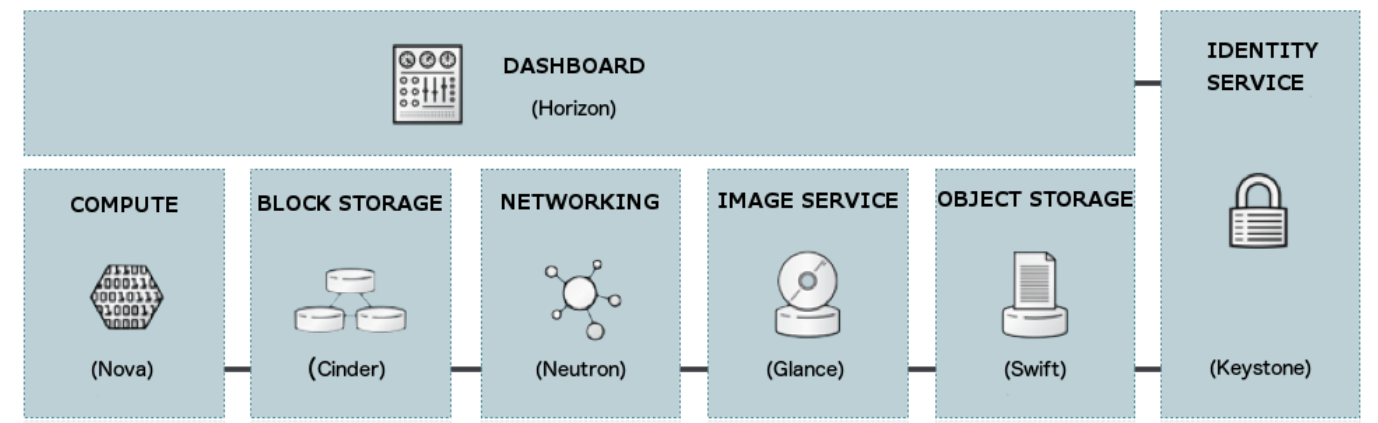
sesión 14 OpenStack

openstack

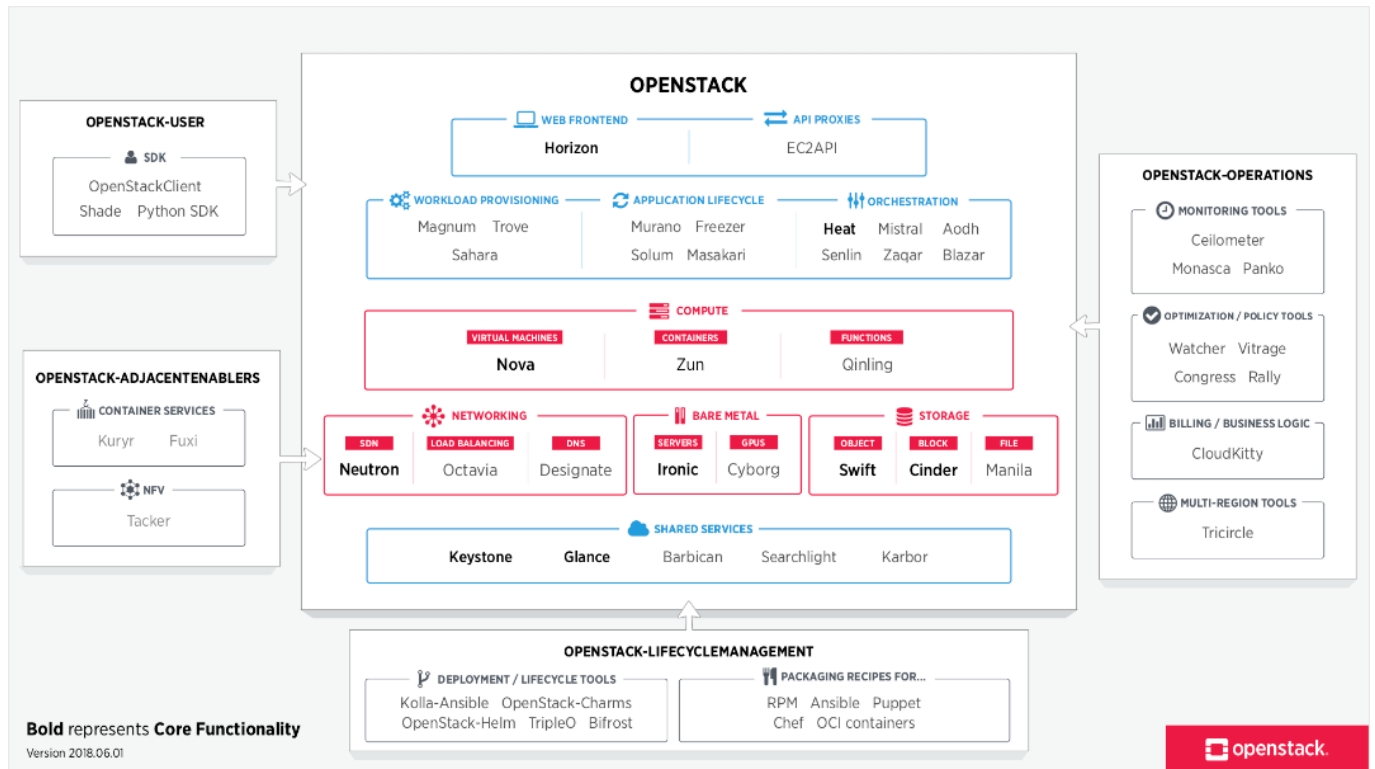
intro

- https://wiki.openstack.org/wiki/Main_Page
- [Trove](#) : Database as a Service
- [Zaqar](#) : 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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