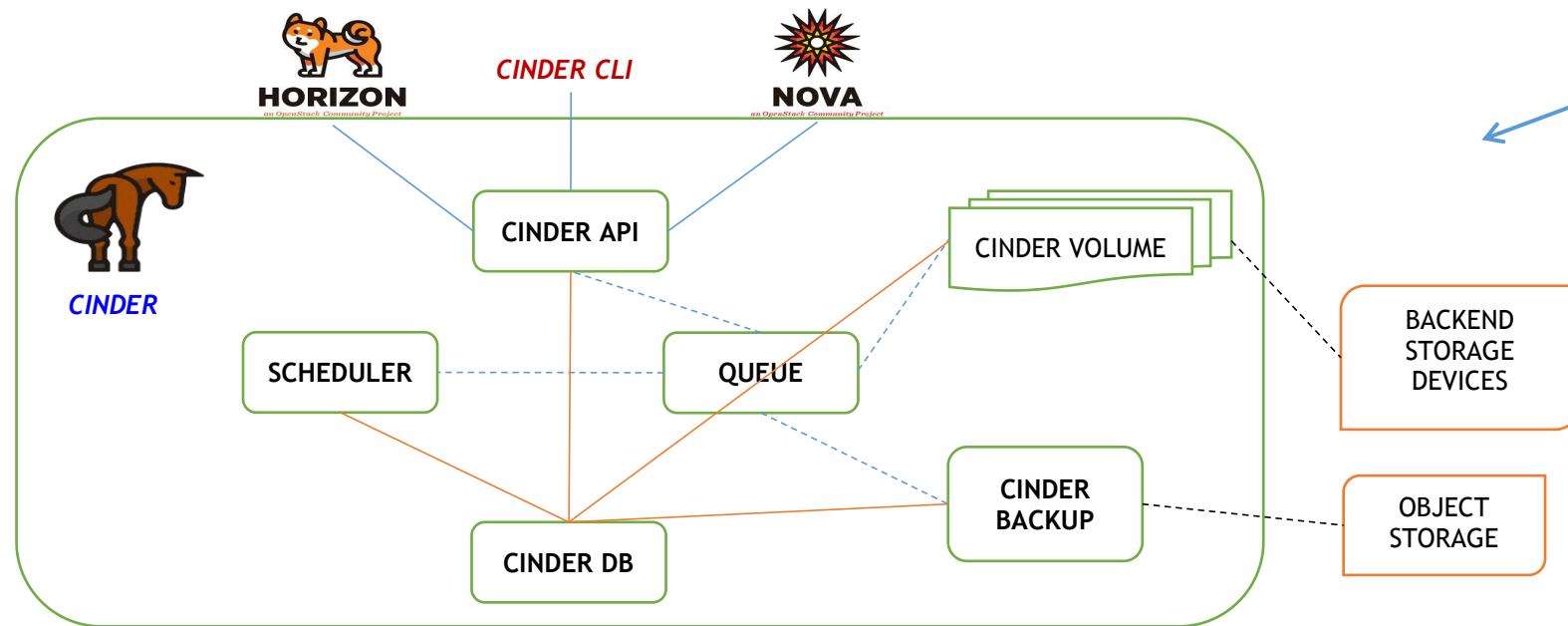


# CINDER - OPENSTACK

**Cinder** is a block storage service from OpenStack that provides volumes to virtual machines, bare metal hosts, and containers

Github: [hieunguyeu810](#)

## ARCHITECTURE



## Openstack storage realms

- Block Storage (cinder)
- Object Storage (swift)
- Image Storage (glance)
- Ephemeral Storage (nova)

## CINDER API

- Volume API
- Snapshot API
- Consistency Group API
- Backup API
- Group API
- Volume Type API
- Volume Type Extra Specs API
- Volume Type QoS Specs API

## CINDER FUNCTIONS

- Create Volume
- Delete Volume
- Attach Volume
- Detach Volume
- Extend Volume
- Create Snapshot
- Delete Snapshot
- Create Volume from Snapshot
- Create Volume from Volume (clone)
- Create Image from Volume
- Volume Migration (host assisted)

