Volume - specification of a pod -allows for sharing files or data external to the pod

- o Define volume win the pad
- · Define whome mount which references the volume win a container
- · volumes can have many types

empty Dir - temporary storage used to share data between containes unite running

githero - volume londs a repository when created

- no private repo support, use side car
container

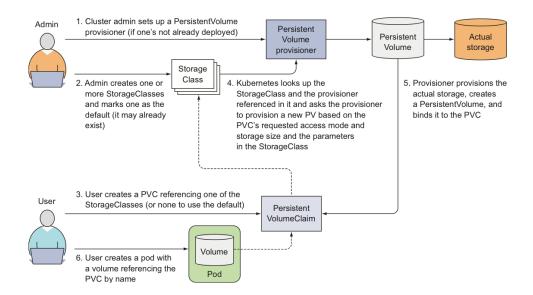
hostfile - allons access to nocle filesystem
- used for Daemon processes (mostly)

Persistent Storage

- o store data external to the cuester
- · lots of options NAS, boose, AUS, ...

#A number of ways to use persistent storage but ideally

- · abstract it from the pods when
- · allow it to work dynamically



Actual Storage - dependent on the system

Persistent Volume - storage partitioned from the pool of actual storage - duster level resource

Persistent Volume Claim - binds a pool to a persistent volume

- reference claim in your pool, KBs assigns PV from PRC

- reference is consistent

unless deleted as removed

Storage Class - dynamically creates a RV for a PVC

-needs a provisioner to dynamically create prs

Steps

- O create a stornge cleuss
- (2) create a proc
- 3 link part to pre