Esta es una pequena guia con muchos errores ortograficos que comprende el proceso de instalacion y pruebas basicas con CoreOS

Instalacion

Hasta ahora no sabemos como hacerlo sin una maquina conectada a internet. En esta direccion https://coreos.com/os/docs/latest/quickstart.html se puedeb encontrar una guia basica. Si se escoje el proceso de instalacion por ISO los que se baja es un punto desde el cual se puede lanzar un instalador que baja desde internet la instalacion.

El iso se puede descargar desde aqui: https://coreos.com/os/docs/latest/booting-with-iso.html

Despues de despertar la maquina con el se entra a un prompt basico.

Desde alli se debe escalar en privilecios con un sudo y depsues lanzar el instalador:

coreos-install -d /dev/sda -c cloud-config.yaml

Es muy importante pasar el cloudconfig para no enrredarse despues con la autentificacion.

Aqui se muestra como: https://linuxconfig.org/how-to-perform-a-bare-metal-installation-of-coreos-linux

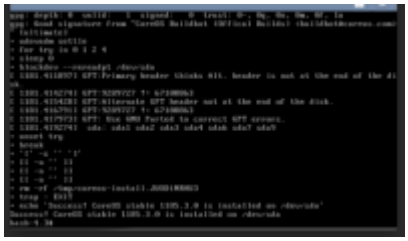
Y para poder poner una ip fija se puede mirar aqui:
https://coreos.com/os/docs/latest/network-config-with-networkd.html

Un ejemplo de cloud-config.yaml

```
#cloud-config
hostname: coreos1-node
ssh_authorized_keys:
  - ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABAQDaF6E4c9jqL9cF1+XbfHAaGZTIDWn78grUmLbt+BkJVVQhQZ
1rdkB40BbpZH31OlCVbg59qbCkYgT4NMRF/WzIVyEZWOTdc4Vn1lwHYSCnbR3aTAUVWeut+rHUn9SI
xcZ+yOW5WLByTGHs+vCK478rkoMGA70IcvxWBUQu/KccJpK9RTGtuBPZ23YcBjSJyM2aO1uxNP1VZJ
qS52PDZN6rC+H0NSbYphrIPjtGNhocBHK9WT9mUUrevK8NflzHtS41MLsGkOd/RgHsIxPG9bbZ4mdS
2vkJfKZDk72l2G90mOGSZh2/gH0NiEmrxsepfyRL13wPp3clerTkTY4DgG7P taqchi@Manuels-
MacBook-Pro.local
  - ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABAQC7FeXra7tZNkjrDMhi1N+Aebjo5SvPXIY4Wc3KZZ7F8eEzdY
aXenuV9LWarzwd/cxTyWmZT5HSUK+KcVa/k+RgM6JMUhEGh+nbfxqeZIOFOUF91cKXW6w6tSS+PBdW
szlFv0hhoZb/tJgnXZLBzHICJ+Mz0Gio0BeBMX1fNAtyL7vE9NcuCoq73hDPYf3Zc1UMNx6PH+xvWN
1AT+oonUk0w73J3emMldN5/5zJvmKlFOM1ygkj5lpfwPZY2jjkC+p7Ka+wus/2nnIz89MkQqX8RA7j
SVfvH7B3NLxcd9qBRextvANl0bVMgEDShSJLnHBRUC+6pEEdyoyaMXmNaq95
root@pm01.sustam.com
users:
  - name: core
    passwd: $1$Y9OJDrE3$Bv4veLMp1fo6P8jN1/L1g0
coreos:
  units:
```

```
    - name: systemd-networkd.service
      command: stop
    - name: 00-ens18.network
      runtime: true
      content: |
        [Match]
        Name=ens18

        [Network]
        DNS=8.8.8.8
        Address=10.0.0.11/24
        Gateway=10.0.0.1
    - name: down-interfaces.service
      command: start
      content: |
        [Service]
        Type=oneshot
        ExecStart=/usr/bin/ip link set ens18 down
        ExecStart=/usr/bin/ip addr flush dev ens18
    - name: systemd-networkd.service
      command: restart
    - name: etcd2.service
      command: start
    - name: fleet.service
      command: start
  etcd2:
    # generate a new token for each unique cluster from
https://discovery.etcd.io/new?size=3
    # specify the initial size of your cluster with ?size=X
    discovery: https://discovery.etcd.io/8133f8b97fd5988b9a25627014f2e6f7
    advertise-client-urls: http://10.0.0.11:2379,http://10.0.0.11:4001
    initial-advertise-peer-urls: http://10.0.0.11:2380
    # listen on the official ports 2379, 2380 and one legacy port 4001:
    listen-client-urls: http://0.0.0.0:2379,http://0.0.0.0:4001
    listen-peer-urls: http://10.0.0.11:2380
  fleet:
    public-ip: 10.0.0.11   # used for fleetctl ssh command
```

Al terminar el proceso de instalacion debe verse algo como: 

Reiniciar todos los nodos y comprobar que no se vean errores.

Para ver si el servicio etcd2 esta ok en todos se puede usar:

systemctl status etcd2

La salida debe ser asi mas o menos

```
● etcd2.service - etcd2
   Loaded: loaded (/usr/lib/systemd/system/etcd2.service; disabled; vendor
preset: disabled)
  Drop-In: /run/systemd/system/etcd2.service.d
           └─20-cloudinit.conf
   Active: active (running) since Thu 2016-11-03 20:19:39 UTC; 8min ago
 Main PID: 1414 (etcd2)
    Tasks: 10
   Memory: 35.4M
      CPU: 3.930s
   CGroup: /system.slice/etcd2.service
           └─1414 /usr/bin/etcd2

Nov 03 20:19:39 coreos1-node etcd2[1414]: 29b777c31723e490 [logterm: 1, index:
3, vote: 29b777c31723e490] rejected vote from 46b0f4bd80d1424d [logterm: 1,
index: 3] at term 2
Nov 03 20:19:39 coreos1-node etcd2[1414]: the connection with 50499cd27cdbe30d
became active
Nov 03 20:19:39 coreos1-node etcd2[1414]: 29b777c31723e490 received vote
rejection from 46b0f4bd80d1424d at term 2
Nov 03 20:19:39 coreos1-node etcd2[1414]: 29b777c31723e490 [quorum:2] has
received 1 votes and 1 vote rejections
Nov 03 20:19:39 coreos1-node etcd2[1414]: 29b777c31723e490 received vote
rejection from 50499cd27cdbe30d at term 2
Nov 03 20:19:39 coreos1-node etcd2[1414]: 29b777c31723e490 [quorum:2] has
received 1 votes and 2 vote rejections
Nov 03 20:19:39 coreos1-node etcd2[1414]: 29b777c31723e490 became follower at
term 2
Nov 03 20:19:39 coreos1-node etcd2[1414]: raft.node: 29b777c31723e490 elected
leader 46b0f4bd80d1424d at term 2
Nov 03 20:19:40 coreos1-node etcd2[1414]: published
{Name:69436ca671524a17acedcf93c541e8d3 ClientURLs:[http://10.0.0.11:2379
http://10.0.0.11:4001]} to cluster f7a76f3a444892c0
Nov 03 20:19:40 coreos1-node etcd2[1414]: set the initial cluster version to
2.3
```

Para saber si el cluster de etcd2 esta trabajado correctamente que es la idea de todo esto se puede ejecutar en un nodo algo como:

etcdctl set /message “Hola”

y en otro pedir el valor

etcdctl get /message y deberia devolver Hola

Probando fleet