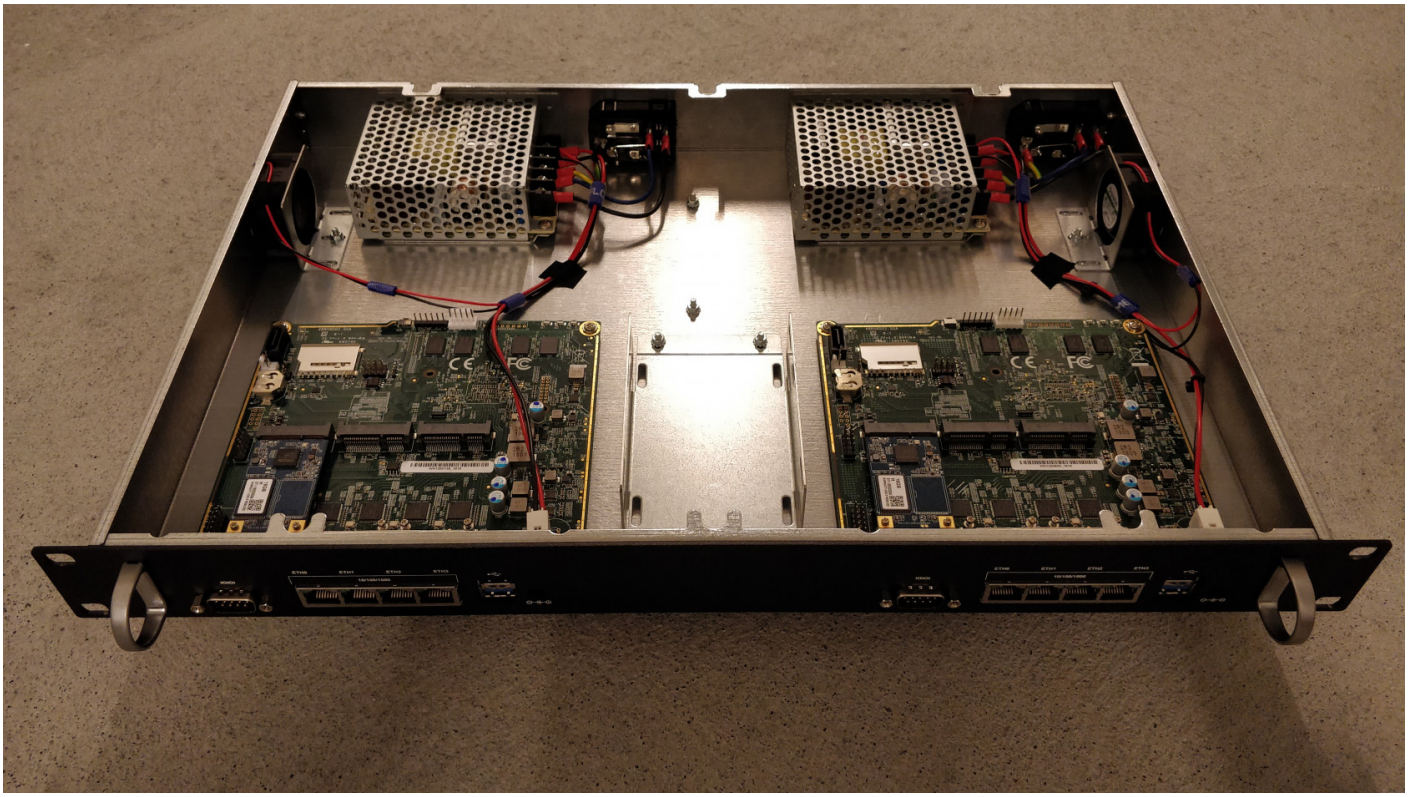
pihole

- racked the apu2s

racked the apu2s



These are my apu2 DNServers running pihole on docker with traefik 2.0, my `docker-compose.yml` evolved to this:

```
version: '3'

services:
  #
  traefik:
    container_name: traefik
    domainname: ${DOMAINNAME}
    image: traefik
    restart: unless-stopped
    command: --api.insecure=true --providers.docker --providers.docker.exposedbydefault=false
--entrypoints.web.address=:80 #--providers.docker.defaultRule="Host(`${DOMAINNAME}`)"
    ports:
      - "80:80"
      - "443:443"
      - "8080:8080"
    volumes:
```

```
      - /var/run/docker.sock:/var/run/docker.sock
    networks:
      - default
      - discovery
    dns:
      - 192.168.1.254

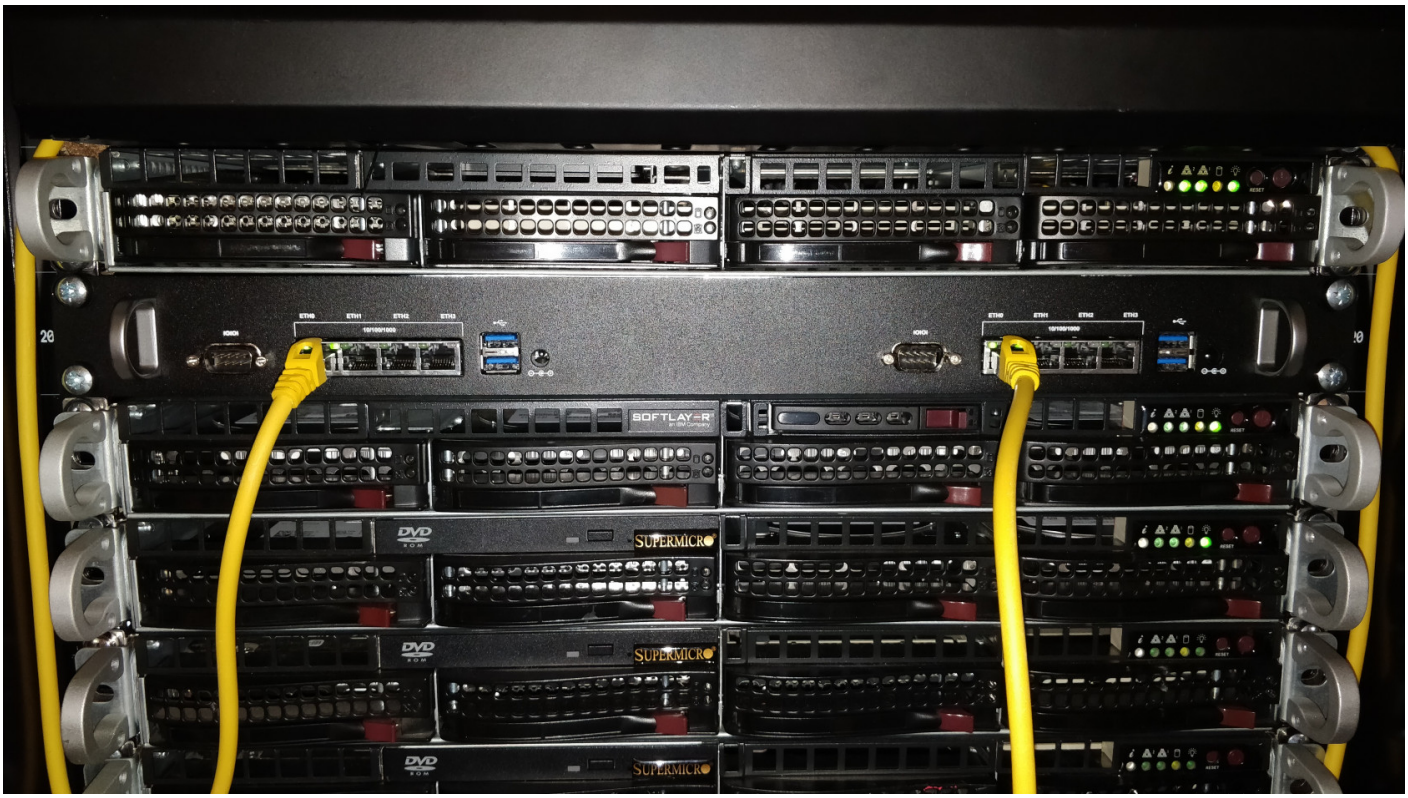
  pihole:
    container_name: pihole
    domainname: ${DOMAINNAME}
    image: pihole/pihole:latest
    dns:
      - 127.0.0.1
      - 192.168.1.254
    ports:
      - '0.0.0.0:53:53/tcp'
      - '0.0.0.0:53:53/udp'
      - '0.0.0.0:67:67/udp'
    volumes:
      - pihole:/etc/pihole/
      - dnsmasq:/etc/dnsmasq.d/
    environment:
      VIRTUAL_HOST: ${DOMAINNAME}
      TZ: ${TZ}
      WEBPASSWORD: 'usergo'
      DNS1: 192.168.1.254
      DNS2: 'no'
      DNSSEC: 'False'
      DNS_BOGUS_PRIV: 'True'
      CONDITIONAL_FORWARDING: 'True'
      CONDITIONAL_FORWARDING_IP: 192.168.1.254
      CONDITIONAL_FORWARDING_DOMAIN: 'home'
    restart: unless-stopped
    labels:
       - "traefik.enable=true"
       - "traefik.http.routers.pihole.rule=Host(`${DOMAINNAME}`)"
       - "traefik.http.routers.pihole.entrypoints=web"
       - "traefik.http.services.pihole.loadbalancer.server.port=80"

networks:
```

```
  discovery:
volumes:
  pihole:
  dnsmasq:
```

I am using an environment file in `/etc/environment` to keep the variables:

```
PATH="/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games
"
PUID=1001
PGID=1001
TZ="Europe/Zurich"
USERDIR="/home/cloud"
DOMAINNAME="apu01.home"
```



I use 192.168.1.254 as main DNServer, it is my OPNsense router running Unbound DNS. The router manages local DNS resolution and forwards WAN DNS requests to the configured Servers. Also it manages local queries to the Domain that I am hosting.

Case parts

- the bare case (326744)
- the power supplies (326747)

- two fans (SUN-HA40201V4-1)
- two fan mounts (311857)

I remounted my apus from the standard case to this one and you can not reuse the alu heat spreader you can get a new one (APUCOOL)

The cables that come with (326744) include the socket that you still need to solder to the apu2, ensure you put it with right polarity.

reddit post