

PiHole - Synology Configuration

This is to create a MAC vlan on you synology to bridge interfaces

You will need to create the following folders from the main docker folder.

```
mkdir -p /volume1/docker/pihole
mkdir -p /volume1/docker/pihole/pihole
mkdir -p /volume1/docker/pihole/dnsmasq.d
```

My testing vlan uses 192.168.253.0/24

```
sudo docker network create -d macvlan -o parent=eth3 --subnet=192.168.253.0/24 --gateway=192.168.253.1 --ip-range=192.168.253.44/32 ph_network
```

YAML Configurations

```
services:
  pihole:
    image: pihole/pihole:latest
    container_name: pihole
    hostname: pihole
    security_opt:
      - no-new-privileges=false
    networks:
      - ph_network
      - ph_bridge
    environment:
      PIHOLE_GID: 100
      PIHOLE_UID: 1024
      DNSMASQ_USER: root
      TZ: 'America/Montreal'
      FTLCONF_webserver_api_password: '[Your_Password_Here]'
      #FTLCONF_webserver_port: 8080
      FTLCONF_dns_listeningMode: all
```

```
DNSMASQ_LISTENING: local
```

```
volumes:
```

- /volume1/docker/pihole/pihole:/etc/pihole
- /volume1/docker/pihole/dnsmasq.d:/etc/dnsmasq.d
- /etc/localtime:/etc/localtime:ro

```
cap_add:
```

- NET_ADMIN
- SYS_TIME
- SYS_NICE

```
restart: on-failure:5
```

```
networks:
```

```
ph_bridge:
```

```
driver: bridge
```

```
ipam:
```

```
config:
```

- subnet: 192.168.100.0/24
- gateway: 192.168.100.1
- ip_range: 192.168.100.2/32

```
ph_network:
```

```
name: ph_network
```

```
external: true
```

Accessing the pi-hole remotely

```
https://192.1638.253.44/admin
```

If you are 7.1 DSM you will need to use this command

```
docker-compose -f /volume1/docker/pihole/compose.yaml up -d
```

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