

# DNS Server

## Tutorials

### DNS over HTTPS (DoH)

- [How to install dnscrypt proxy with adblocker on Linux](#)

### Secure DNS

- [DNS settings to avoid email spoofing and phishing for unused domain - nixCraft \(cyberciti.biz\)](#)
- [How to test and validate DNSSEC using dig command line - nixCraft \(cyberciti.biz\)](#)

## Adguard Home

- [GitHub - AdguardTeam/AdGuardHome: Network-wide ads & trackers blocking DNS server](#)

## NSD

### An authoritative-only DNS server

- [NSD Tutorial Updated for 2024: Now With Zone Transfers! - LowEndBox](#)
- [How To Use NSD, an Authoritative-Only DNS Server, on Ubuntu 14.04 | DigitalOcean](#)

## Pi-hole

### Pi-hole - A DNS-based advertisement blocker

- [How to Set Up Pi-hole to Get an Ad-free Life](#)

### docker-compose.yaml :

```
pihole:
  image: pihole/pihole:latest
  container_name: pihole
```

restart: always

ports:

- "53:53/tcp"

- "53:53/udp"

dns:

- 127.0.0.1

- 1.1.1.1

environment:

TZ: 'America/Chicago'

WEBPASSWORD: 'password'

PIHOLE\_DNS\_: 1.1.1.1;9.9.9.9

DNSSEC: 'false'

WEBTHEME: default-dark

volumes:

- '~/homelabservices/pihole/pihole:/etc/pihole/'

- '~/homelabservices/pihole/dnsmasq.d:/etc/dnsmasq.d/'

networks:

- pihole

networks:

pihole:

driver: bridge

name: pihole

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