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r/openwrt • 2 yr. ago

LeVraiRoiDHyrule



Beginner in OpenWRT : Can't set Adguard home as my DNS for all my networks

Hi,

I am new to OpenWRT and managed to have my network configured as well as a guest network. Now I'm trying to put everything behind Adguard Home. I tried to follow this guide : <https://openwrt.org/docs/guide-user/services/dns/adguard-home#installation>

But after doing so I have 2 problems :

1. The guest network no longer have DNS access (so no internet)
2. OpenWRT doesn't have internet access (so it can't download opkg packages for example)

Adguard works only for my main network. Could someone help me to set it up properly ? I can't find how.

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2



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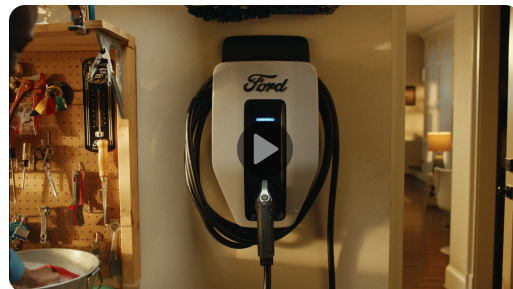
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```
bind_host: 192.168.1.1
bind_port: 3001
beta_bind_port: 0
users:
  - name: [removed]
    password: [removed]
auth_attempts: 5
block_auth_min: 15
http_proxy: ""
language: ""
debug_pprof: false
web_session_ttl: 720
dns:
  bind_hosts:
    - 192.168.1.1
  port: 53
  statistics_interval: 1
  querylog_enabled: true
  querylog_file_enabled: true
  querylog_interval: 2160h
  querylog_size_memory: 1000
  anonymize_client_ip: false
  protection_enabled: true
  blocking_mode: default
  blocking_ipv4: ""
  blocking_ipv6: ""
  blocked_response_ttl: 10
  parental_block_host: family-block.dns.adguard.com
  safebrowsing_block_host: standard-block.dns.adguard.com
  ratelimit: 20
  ratelimit_whitelist: []
  refuse_any: true
  upstream_dns:
    - 9.9.9.10
    - 149.112.112.10
    - 2620:fe::10
    - 2620:fe::fe:10
    - '[/lan/]127.0.0.1:54'
    - '[/]/127.0.0.1:54'
      - '[/pool.ntp.org/]9.9.9.10'
    - '[/pool.ntp.org/]149.112.112.10'
    - '[/pool.ntp.org/]2620:fe::10'
    - '[/pool.ntp.org/]2620:fe::fe:10'
  upstream_dns_file: ""
  bootstrap_dns:
```

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```
- 2020:fe::10
- 2620:fe::fe:10
all_servers: false
fastest_addr: false
fastest_timeout: 1s
allowed_clients: []
disallowed_clients: []
blocked_hosts:
  - version.bind
  - id.server
  - hostname.bind
trusted_proxies:
  - 127.0.0.0/8
  - ::1/128
cache_size: 4194304
cache_ttl_min: 0
cache_ttl_max: 0
cache_optimistic: false
bogus_nxdomain: []
aaaa_disabled: false
enable_dnssec: false
edns_client_subnet: false
max_goroutines: 300
handle_ddr: true
ipset: []
ipset_file: ""
filtering_enabled: true
filters_update_interval: 24
parental_enabled: false
safesearch_enabled: false
safebrowsing_enabled: false
safebrowsing_cache_size: 1048576
safesearch_cache_size: 1048576
parental_cache_size: 1048576
cache_time: 30
rewrites: []
blocked_services: []
upstream_timeout: 10s
private_networks: []
use_private_ptr_resolvers: true
local_ptr_upstreams:
  - 192.168.1.1:54
serve_http3: false
use_http3_upstreams: false
tls:
  enabled: false
  server_name: ""
```

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```
port_dns_over_https: 853
port_dns_over_quic: 853
port_dnscrypt: 0
dnscrypt_config_file: ""
allow_unencrypted_doh: false
certificate_chain: ""
private_key: ""
certificate_path: ""
private_key_path: ""
strict_sni_check: false
filters:
  - enabled: true
    url: https://adguardteam.github.io/HostlistsRegistry/assets/filter_1.txt
    name: AdGuard DNS filter
    id: 1
  - enabled: false
    url: https://adguardteam.github.io/HostlistsRegistry/assets/filter_2.txt
    name: AdAway Default Blocklist
    id: 2
whitelist_filters: []
user_rules: []
dhcp:
  enabled: false
  interface_name: ""
  local_domain_name: lan
  dhcpv4:
    gateway_ip: ""
    subnet_mask: ""
    range_start: ""
    range_end: ""
    lease_duration: 86400
    icmp_timeout_msec: 1000
    options: []
  dhcpv6:
    range_start: ""
    lease_duration: 86400
    ra_slaac_only: false
    ra_allow_slaac: false
clients:
  runtime_sources:
    whois: true
    arp: true
    rdns: true
    dhcp: true
    hosts: true
  persistent: []
log_file: ""
```

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```
log_compress: false
log_localtime: false
verbose: false
os:
  group: ""
  user: ""
  rlimit_nofile: 0
schema_version: 14
```

So now I know how to change it without re-doing the initial configuration. But can it listen on multiple interfaces ? In the documentation interface is singular so I guess the answer is no. But then how to adapt my configuration so that I have a common interface for adguard but still 2 interfaces for both my personal and guest network ?

Thanks in advance for any answer, have a great day

1 [Reply](#) ...



Starfox-sf • 2y ago •

If you want your server to accept requests on all interfaces and using both IP versi

```
'dns':
  'bind_hosts':
    - '0.0.0.0'
```

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LeVraiRoiDHyrule [OP](#) • 2y ago •

If I do this, it means that the DNS will also be accessible from the outside of my network. Could this be a security problem?

I am hosting some services like home assistant on a Raspberry pi on Port 443 with caddy. Could this cause problem with its access?

1 [Reply](#) ...



Starfox-sf • 2y ago • Edited 2y ago •

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The ports that can be used by AGH is:

- 53 (unencrypted DNS)
- 443 (DoH)
- 853 (DoT/DoQ)

The alternative is to define multiple bind_hosts (apparently):

<https://forum.openwrt.org/t/solved-adguard-home-and-vlans-that-cant-access-the-internet/151507>

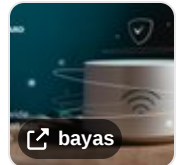
— Starfox

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I wrote a quick guide to install Adguard Home on OpenWrt



27 upvotes · 27 comments

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Router DNS issue after installing Adguard Home (devices work fine but not router).

2 upvotes · 4 comments

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OpenWrt developers are discussing 24.xx plans on the mailing list again

108 upvotes · 33 comments

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is it me or is it opkg?

1 upvote · 1 comment



r/truenas

TrueNAS 24.10.0 (Electric Eel) - Now available!

195 upvotes · 145 comments



r/elderscrollsonline

Minion says addons are all up to date, game says they aren't?

1 upvote · 9 comments



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Need help with OpenWRT (dumb) Acces Point + AdGuardHome combo

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I have no idea how to use RTL_433.

5 upvotes · 8 comments

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adguardhome package in opkg is old

3 upvotes · 7 comments

r/Tailscale

Announcement: TSDProxy 0.5.0

110 upvotes · 54 comments

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AdBlock or AdGuard Home for my setup?

7 upvotes · 9 comments

r/ zfs

OpenZFS deduplication is good now and you shouldn't use it



115 upvotes · 52 comments

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OpenWRT and ADGuard Home

4 upvotes · 22 comments

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`/opt/AdGuardHome/agh-backup/`` folder strictly required? Would AGH even fit on a 128MB NAND route...

2 upvotes · 20 comments



r/ANBERNIC

RG353M w/ BlackSeraph App Test Request

6 upvotes · 4 comments



r/RTLSDR

Fix data from rtl_power and an upconverter

14 upvotes · 4 comments



r/macapps

Adguard - app vs extension. Is it worth to buy?

11 upvotes · 10 comments



r/androidroot

Can't exit EDL on Oppo A37f

2 upvotes · 6 comments



r/SteamController

PSA: If you use GlosSI as a "game" for desktop, you wont have to use -oldbigpicture to use the old OSK and the OSK wont freeze after you close it

29 upvotes · 1 comment



r/zoommultistomp

How to upload g200kg patch codes to multistomp?

2 upvotes · 2 comments



r/Proxmox

TTeck's ProxmoxVE Helper Scripts Changes

1K upvotes · 68 comments



r/godot

I can't load/port my Godot 3.5 project to Godot 4, because apparently I don't have Vulkan, help

1 upvote · 3 comments



r/Tailscale

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r/ipv6

No NAT November

181 upvotes · 69 comments



r/Proxmox

Just spent 30 minutes seriously confused why I couldn't access my Proxmox server from any of my devices...

131 upvotes · 36 comments

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