

# Configuring OpenDNS

This page reorganizes the operational steps for **Configuring OpenDNS**.

A good DNS service is extremely important. Asterisk can perform a lot of DNS requests and it can lock awaiting for an answer. It is strongly suggested to configure OpenDNS servers:

```
nameserver 208.67.222.222
```

```
nameserver 208.67.220.220
```

```
nameserver 208.67.222.220
```

```
nameserver 208.67.220.222
```

If your DNS configuration is managed by NetworkManager, edit your `/etc/sysconfig/network-scripts/ifcfg...`

```
DNS1=208.67.222.222
```

```
DNS2=208.67.220.220
```

```
DNS3=208.67.222.220
```

```
DNS4=208.67.220.222
```

If you are using CentOS 9 and derivative distributions, edit your `/etc/NetworkManager/system-connections/...nmconnection`

```
dns=208.67.222.222;208.67.220.220;208.67.222.220;208.67.220.222;
```

OpenDNS is currently being blocking some countries, like France:

```
dig @208.67.222.222 www.mirtapbx.com +norecurse +comments

; <<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.16 <<>> @208.67.222.222 www.mirtapbx.com
+norecurse +comments
; (1 server found)
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: REFUSED, id: 10748
;; flags: qr ra; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 2
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:: udp: 1410
; OPT=15: 00 10 ("..")
;; QUESTION SECTION:
;www.mirtapbx.com.          IN      A

;; ADDITIONAL SECTION:
www.mirtapbx.com.          0       IN      TXT      "The OpenDNS service is currently unavailable
in France and some French territories due to a court order under Article L.333-10 of the
French Sport Code. See https://support.opendns.com/hc/en-us"

;; Query time: 1 msec
;; SERVER: 208.67.222.222#53(208.67.222.222)
;; WHEN: lun mar 30 21:31:15 BST 2026
;; MSG SIZE rcvd: 257
```

In this case, it can be worth using

Cloudflare DNS (1.1.1.1)

Google Public DNS (8.8.8.8)

Quad9 (9.9.9.9)

## Current Verification

After applying the change, verify the related MiRTA PBX page, the Asterisk logs, and the relevant Status menu entry. Recheck tenant selection before testing tenant-specific behavior.

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