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# Clear DNS

Difficulty



Very easy

## Operating Systems

### Windows

**XP, 2000, VISTA, 7, 8, 8.1, 10**

Open a Command Prompt with Administrative Privileges and type

- `ipconfig /flushdns`

### MAC OS

**10.10**

Open a Terminal and type

- `sudo discoveryutil mdnsflushcache`

- `sudo dscacheutil -flushcache`

**10.7, 10.8, 10.9**

Open a Terminal and type

- `sudo killall -HUP mDNSResponder`

- `sudo dscacheutil -flushcache`

**10.5, 10.6**

Open a Terminal and type

- `sudo dscacheutil -flushcache`

## 10.4 and earlier

Open a Terminal and type

- `sudo dscacheutil -flushcache`

## Linux

### nscd

Open a Terminal and type

- Restart service

```
service nscd restart
```

- Reload Service

```
service nscd reload
```

### dnsmasq

Open a Terminal and type

- Restart service

```
service dnsmasq restart
```

### BIND

Open a Terminal and type

- Restart service

```
rndc restart
```

- Flush specific domain

```
rndc flushname domain.tld
```

- Flash view (LAN)

```
rndc flush lan
```

## Routers

### CISCO

#### IOS

Switch to enable mode

- Clear specific domain

```
clear host domain.tld
```

- Clear all domains

```
clear host *
```

### Juniper

#### JunOS

- Clear all domains

```
clear dns
```

- Clear specific domain

```
clear security dns-cache domain.tld
```

### FritzBox



The latest versions of the firmware do not allow for telnet, in those cases a router restart is required

Enable Telnet mode by dialing: #96\*7\* Connect with a telnet client to the router and type

- Stop DNS Service

```
multid -s
```

- Start DNS Service

```
multid
```

## Web Browsers

### Google Chrome

Visit the following URL `<shx> * chrome:net-internals/#dns <sxh>chrome:net-internals/#dns</sxh>`

In the page click on the Clear host cache button.

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