

DNS Configuration Quick Reference Guide

For Ethical Hackers

Secure DNS Servers

Use: Cloudflare (1.1.1.1) or Quad9 (9.9.9.9) **Avoid:** Google DNS (8.8.8.8) - logs activity

Linux Setup

```
bash

# Edit DNS settings
sudo nano /etc/resolv.conf
```

Add:

```
nameserver 1.1.1.1
nameserver 9.9.9.9
```

NetworkManager Fix:

```
bash

sudo nano /etc/NetworkManager/NetworkManager.conf
# Add: dns=none under [main]
sudo systemctl restart NetworkManager
sudo chmod +i /etc/resolv.conf
```

Windows Setup

1. Control Panel > Network > Change adapter settings
2. Right-click adapter > Properties
3. Internet Protocol Version 4 > Properties

4. Use following DNS servers:

- Preferred: 1.1.1.1
 - Alternate: 9.9.9.9
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Testing

- **DNS Leak Test:** dnsleaktest.com (should show Cloudflare)
 - **Verification:** 1.1.1.1/help
 - **Command line:** `nslookup google.com`
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Quick Fixes

Linux:

```
bash  
  
cat /etc/resolv.conf           # Check current DNS  
sudo systemctl restart NetworkManager # Restart service
```

Windows:

- `ipconfig /flushdns` (flush cache)
- Disable/enable network adapter