Proxychains Quick Reference

For Ethical Hackers

Installation & Setup

Install (if needed):

```bash
sudo apt-get install proxychains4 tor
```

Start Tor service:

```bash
sudo service tor start
sudo service tor status
```

Configuration

Edit config file:

```bash
sudo vim /etc/proxychains4.conf
```

Key Settings:

```
# Chain Types (uncomment one)
dynamic_chain       # Skip dead proxies
# strict_chain      # All proxies must work
# random_chain      # Random proxy selection

# DNS Protection
proxy_dns           # Prevent DNS leaks
```

Add proxies at bottom:

```
socks5 127.0.0.1 9050      # Tor default
socks5 51.15.85.204 1080    # Custom SOCKS5
http 203.0.113.5 8080      # HTTP proxy
```

Usage

Launch applications:

```bash
proxychains4 firefox
proxychains4 curl ifconfig.me
proxychains4 nmap -sT -Pn target.com
```

Check external IP:

```bash
proxychains4 curl ifconfig.me
```

Verification

Test anonymity:

- Visit check.torproject.org
- Visit dnsleaktest.com
- Compare IP before/after proxychains

Troubleshooting

Tor not running:

```bash
```

```
sudo service tor start
```

Connection denied:

- Update proxy list
- Use dynamic_chain mode
- Check proxy availability

DNS leaks:

- Ensure proxy_dns is uncommented
- Test with dnsleaktest.com

Slow performance:

- Use fewer proxies
- Switch to paid proxies
- Use SOCKS5 over HTTP when possible