

HAProxy

Installation

- update the repository:

```
sudo apt update && sudo apt upgrade -y
```

- Install HAProxy:

```
sudo apt install haproxy -y
```

- Check the installed version:

```
haproxy -v
```

- Start and enable the service:

```
sudo systemctl start haproxy  
sudo systemctl enable haproxy
```

- Replace the contents of your `/etc/haproxy/haproxy.cfg` file with this [HAProxy Configuration](#) configuration.
- Add [Whitelist](#) and [Blacklist](#) files.
- Check the configuration file:

```
sudo haproxy -c -f /etc/haproxy/haproxy.cfg
```

- Restart the proxy:

```
sudo systemctl restart haproxy
```

- If you want to include your current external IP address to the whitelist file automatically, add a line to the end of [Whitelist](#) and add the following task to root's crontab file, calling it every 5 minutes:

```
*/5 * * * * head -n -1 /etc/haproxy/whitelist.lst >  
/etc/haproxy/whitelist.tmp && dig +short host.mydyndns.org >>  
/etc/haproxy/whitelist.tmp && mv /etc/haproxy/whitelist.tmp  
/etc/haproxy/whitelist.lst && systemctl reload haproxy
```

Settings

- Crontab:

```
15 3,15 * * * certbot renew --post-hook "systemctl reload haproxy" >  
/dev/null 2>&1
```

- Get IP address:

```
dig domain.name +short
```

Links

- [What Is a Reverse Proxy and Why Do You Need One?](#)
- Configuration is explained in [HAProxy configuration file: global, defaults, front and backend](#)

From:

<https://wiki.condrau.com/> - **Bernard's Wiki**

Permanent link:

<https://wiki.condrau.com/deb13:haproxy?rev=1789201616>

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