

# Nginx Reverse UDP & TCP Proxy

## Reference:

- <https://docs.nginx.com/nginx/admin-guide/load-balancer/tcp-udp-load-balancer/>

## Nginx Reverse Proxy:

Maybe you have Nginx as a front-end server on your cloud VPS, and you prefer to run back-end services on your own hardware, tunneled over a VPN. The following can be added to the top-level nginx configuration (probably `/etc/nginx/nginx.conf`) to enable UDP and TCP reverse proxying to your back-end service:

```
stream {

    server {
        listen      12345;
        #TCP traffic will be forwarded
        proxy_pass  <IP_or_domain>:12345;
    }

    server {
        listen      4444;
        #TCP traffic will be forwarded
        proxy_pass  <IP_or_domain>: 4444;
    }

    server {
        listen      4444 udp;
        #UDP traffic will be forwarded
        proxy_pass  <IP_or_domain>: 4444;
    }
}
```

Be sure the `stream { ... }` block is outside of the top-level `http { ... }` block.

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