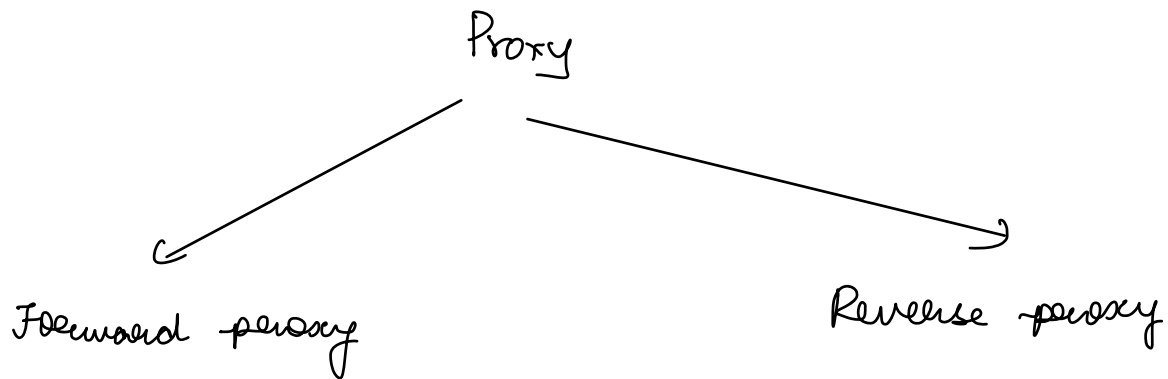
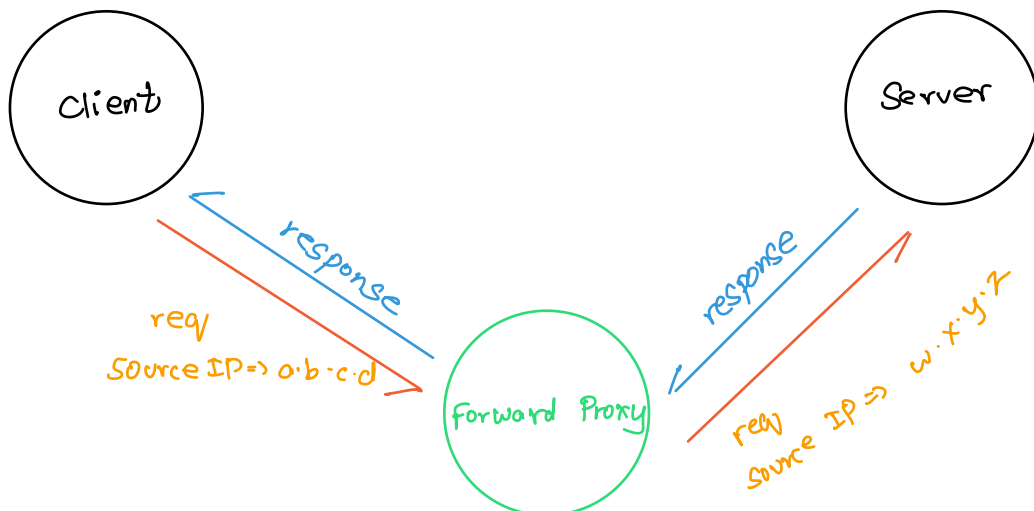


# Proxies



## Forward Proxy

is a Forward Proxy server that sits between a client and a server and acts on behalf of the client. This is used to mask the client's identity (IP address). Forward proxies are often referred as just proxies.



## Reverse Proxy:

A reverse proxy is a server that sits between clients and servers and acts on behalf of the servers.

When reverse proxy is used the client will get the IP address of the reverse proxy server and not the original server.

Reverse proxies can be used to <sup>malicious</sup> filter clients' request, logging (data / metrics), caching (HTML Pages - load on the server would be reduced), load balancing.

Eg: Nginx => This is popularly used as a reverse proxy, load balancer

