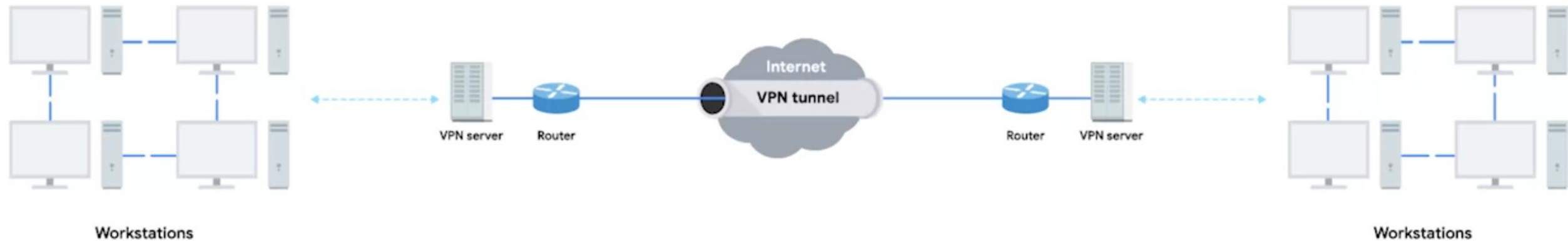# Virtual Private Networks (VPN)

A technology that allows for the extension
of a private or local network to hosts that
might not be on that local network

Two-factor authentication

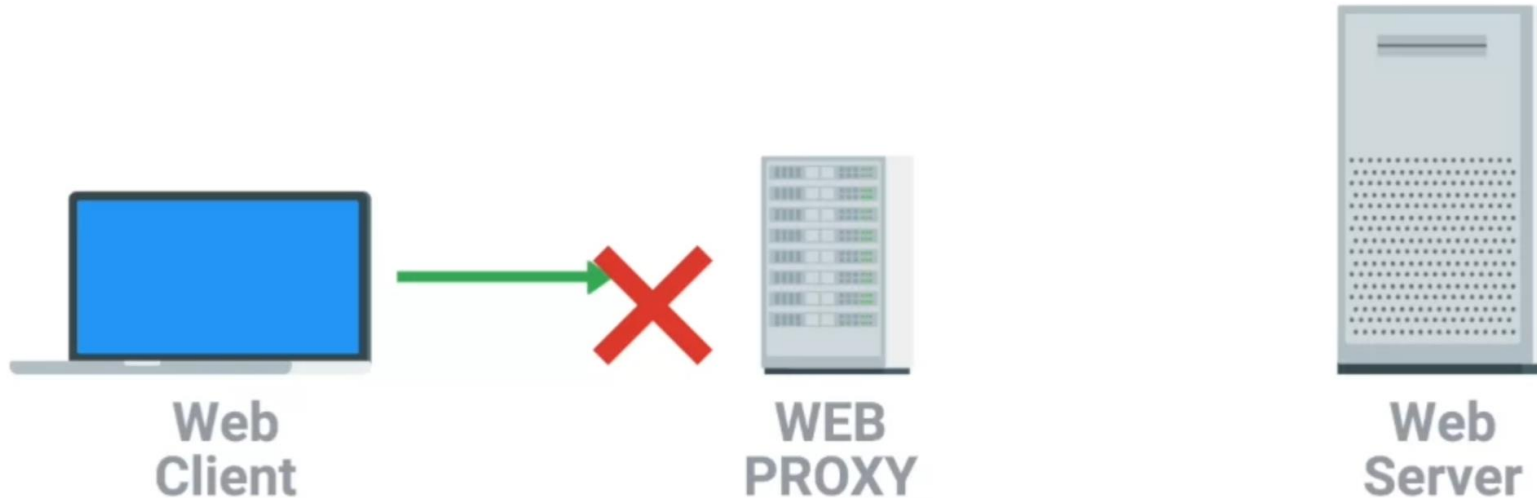A technique where more than just a username and password are required to authenticate

Proxy service

A server that acts on behalf of a client in order to access another service

It's implemented for four purposes
1. Anonymity
2. Security
3. Content filtering
4. Increased performance

Deny the request

Reverse proxy

Similar to the DNS Round Robin

A service that might appear to be a single server to external clients, but actually represents many servers living behind it

Clients

Reverse Proxy

Application Servers