

Proxy

- Acts on client side
- Acts like **Firewall** - protects devices in network, filters info from Internet
- Better management - multiple computers can connect to one proxy
- Security - protects from fishing attacks, harmful malwares.
- Caching - store static content, so if any other machine asks for the same content, rather than go to internet, proxy can fulfill this request.
- Encryption and decryption - hide IP address, hide sensitive data

Reverse Proxy

- Acts on server side
- Protects server machines
- **Load Balancer** - balances the requests from clients between servers.
- Caching - store content to decrease amount of requests to servers.
- Compress, zips the side of data packets which is crossing through the network.