

Here are some specifics and issues on the infrastructure:

- A server is a computer that provides services to other computers over a network.
- The domain name is used to identify the website and make it easier for users to remember the website's address.
- The www record is a CNAME record that points to the domain name.
- The web server (Nginx) acts as a reverse proxy and forwards requests to the application server.
- The application server hosts the code base and processes requests from the web server.
- The database stores application data and listens on a specific port for incoming requests from the application server.
- The server uses HTTP protocol to communicate with the user's computer.
- The infrastructure has a single point of failure (SPOF), which means that if any component fails, the entire system will be unavailable. Also, downtime is required when performing maintenance tasks such as deploying new code or restarting the web server. Finally, the infrastructure cannot scale if there is too much incoming traffic.