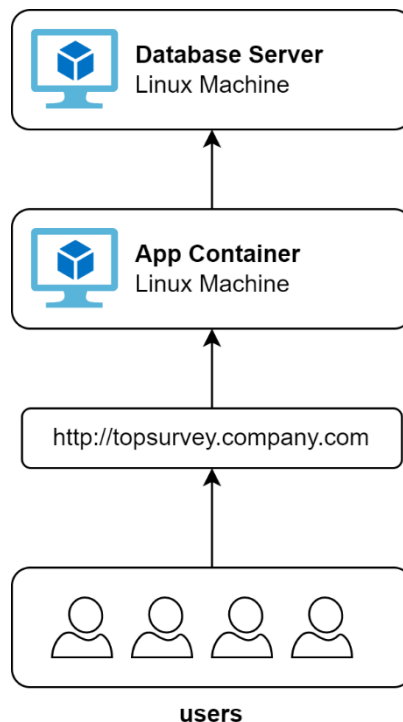# Technical Exercise

The above example depicts a solution for a web-based application that hosts anonymous surveys that are advertised publicly on social networks; any user can participate, and no login is required.

Details:

- The client is running the solution in his garage with two Linux machines:
    - The database server is running on one Linux machine.
    - The application runs on a container in another Linux machine.
- The client purchased the domain topsurvey.contoso.com which he pointed to its physical server public IP address.
- Millions of users from around the world can access this application from the internet.

Problem:

The client is complaining that the machines running the workloads are under heavy load (100%), and that most of the surveys are incomplete.

Due to the current cloud adoption trend in the sector, the client decides to hire a cloud engineer to migrate the solution to a public cloud and hopefully fix the issues and increase the reliability.

You are the hired cloud engineer, and you are challenged to elaborate a **detailed** cloud migration strategy with all the best practices in mind.