

- What distribution algorithm your load balancer is configured with and how it works?

Least connection method, it checks which Server has least connections and deliver new requests to it.

- Is your load-balancer enabling an Active-Active or Active-Passive setup, explain the difference between both?

It enables active-active setup, as the servers need to be active to receive the traffic equally not to pressure the load on just one server.

- How a database Primary-Replica (Master-Slave) cluster works?

Primary is responsible for writing and updating database, replica is responsible for reading request, and if the primary update the database the replica database also gets updated to remove any kind of discrepancy. In case of failure of primary database the replica can become the primary

- Where are SPOF?

There is only one load balancer and we then need to redundancy here to avoid problems with performance

- Security issues (no firewall, no HTTPS)?

No firewall means less security and harmful data invading.