

This infrastructure is designed for efficiency, scalability, and reliability in hosting a web application. The division of components and the inclusion of a load balancer cluster contribute to a robust and easily maintainable system.

Scalability:

Each component can be scaled independently based on its specific resource needs.

Maintainability:

Components are isolated for easier maintenance, updates, and modifications.

Specialization:

Each component optimally focuses on its specific role.

High Availability:

Load balancer clustering enhances system availability.