

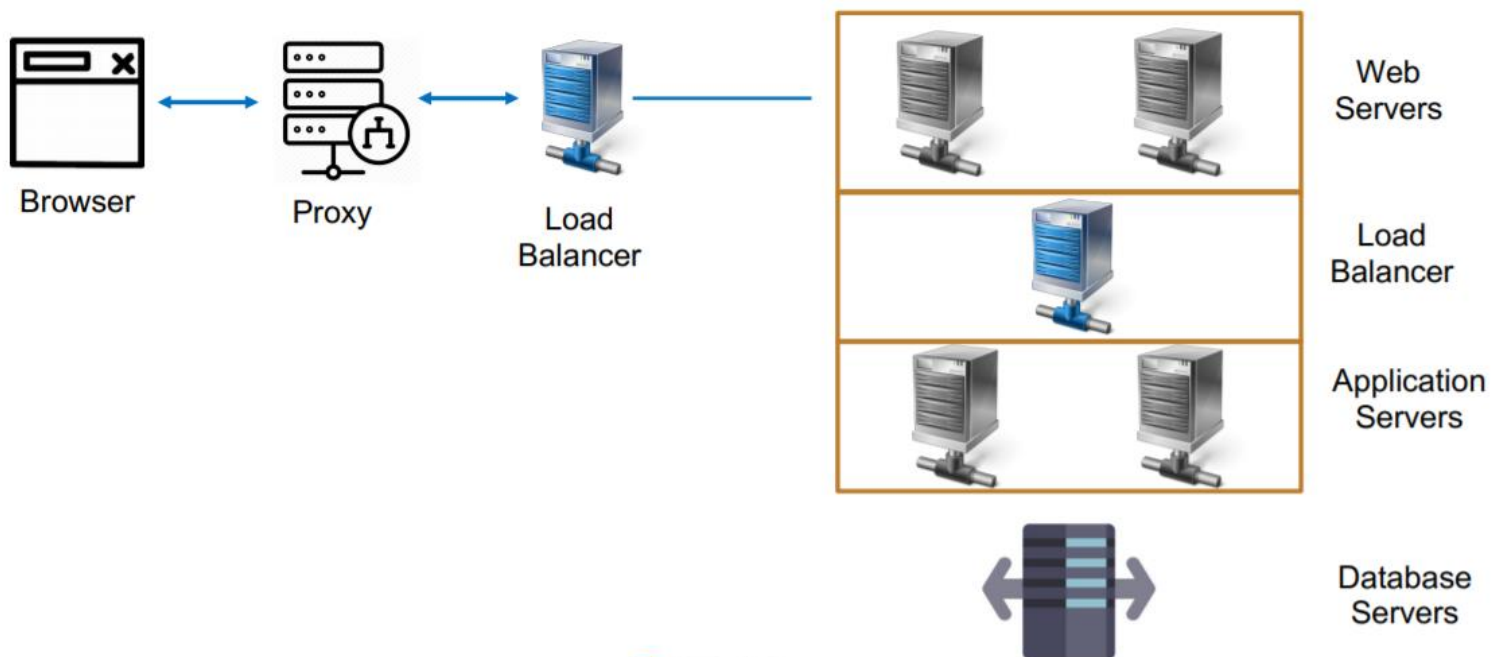
WEB SERVER

The term web server can refer to either the hardware (the computer) or the software (the computer application) that helps to deliver web content that can be accessed through the Internet.

WEB ARCHITECTURE (SIMPLE!)



WEB ARCHITECTURE (LET'S SCALE UP!)



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Web Server

A Web server is a program that uses HTTP (Hypertext Transfer Protocol) to serve the files that form Web pages to users, in response to their requests, which are forwarded by their computers' HTTP clients. Dedicated computers and appliances may be referred to as Web servers as well.

Load Balancer

A load balancer is a device that distributes network or application traffic across a cluster of servers. Load balancing improves responsiveness and increases availability of applications.

A load balancer sits between the client and the server farm accepting incoming network and application traffic and distributing the traffic across multiple backend servers using various methods such as Round Robin.

Application Server

An application server is a type of server designed to install, operate and host applications and associated services for end users, IT services and organizations. It facilitates the hosting and delivery of high-end consumer or business applications

You can also explore the following blog –

<https://medium.com/coffeetechandme/three-tier-architecture-the-beginning-2d2f6063fa1e>

DATABASE MANAGEMENT SYSTEM

Database management systems (DBMSs) are specially designed software applications that interact with the user, other applications, and the database itself to capture and analyse data. A general-purpose DBMS is a software system designed to allow the definition, creation, querying, update, and administration of databases.

You can also explore the following blog –

<https://medium.com/omarelgabrys-blog/database-introduction-part-1-4844fada1fb0>

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