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# Load Balancers in Distributed Systems — An In-Depth Overview

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In the realm of distributed systems, load balancers play a crucial role in ensuring efficient resource utilization, high availability, and optimal performance. This article delves into the concept of load balancing, its importance, the various types of load balancers, and the advantages they provide.
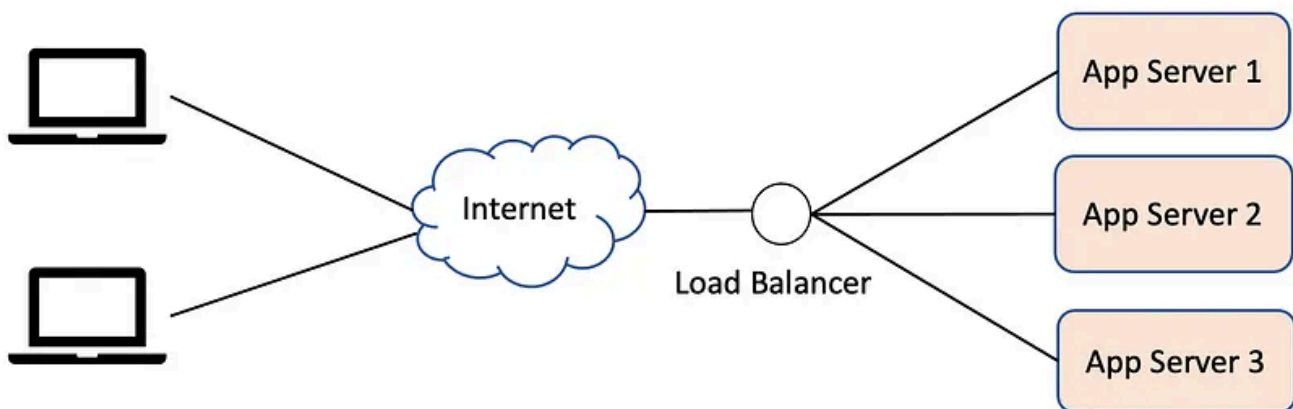
**What is a Load Balancer?**

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performance degradation or even server failure. By distributing the load, load balancers help maintain the reliability and efficiency of a distributed system.



**Importance of Load Balancers in Distributed Systems**

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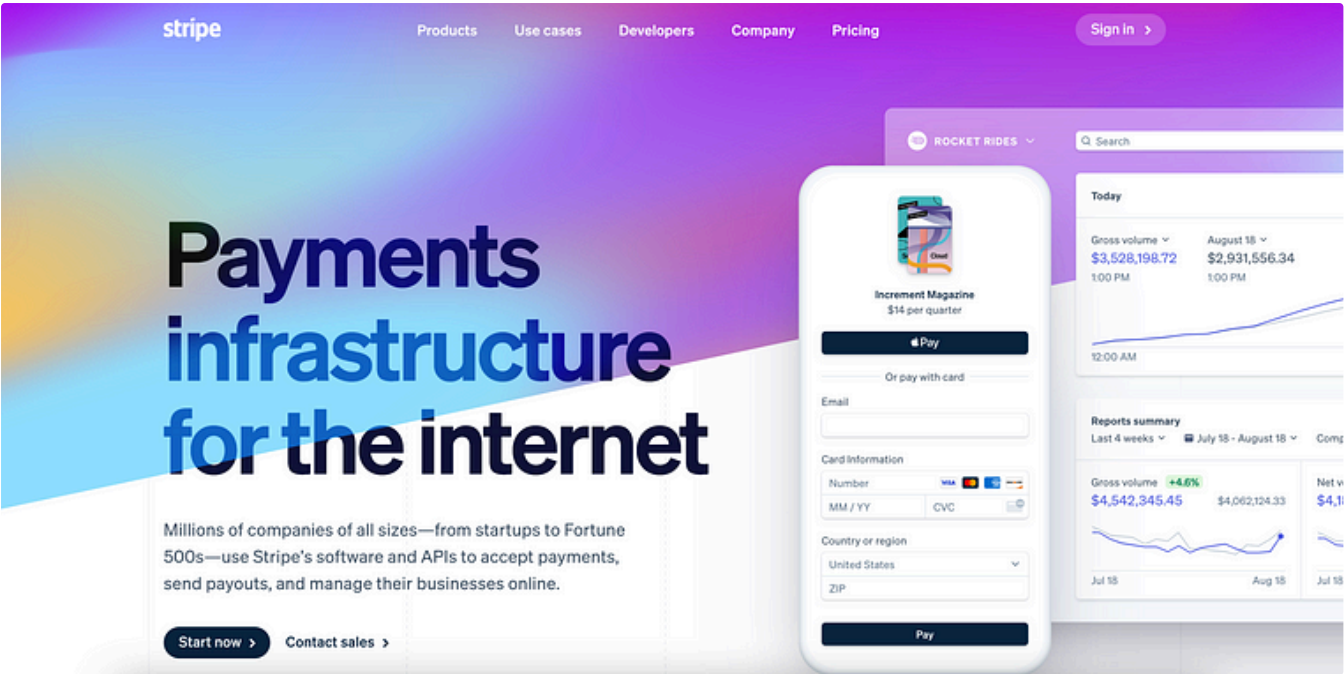Head of Engineering
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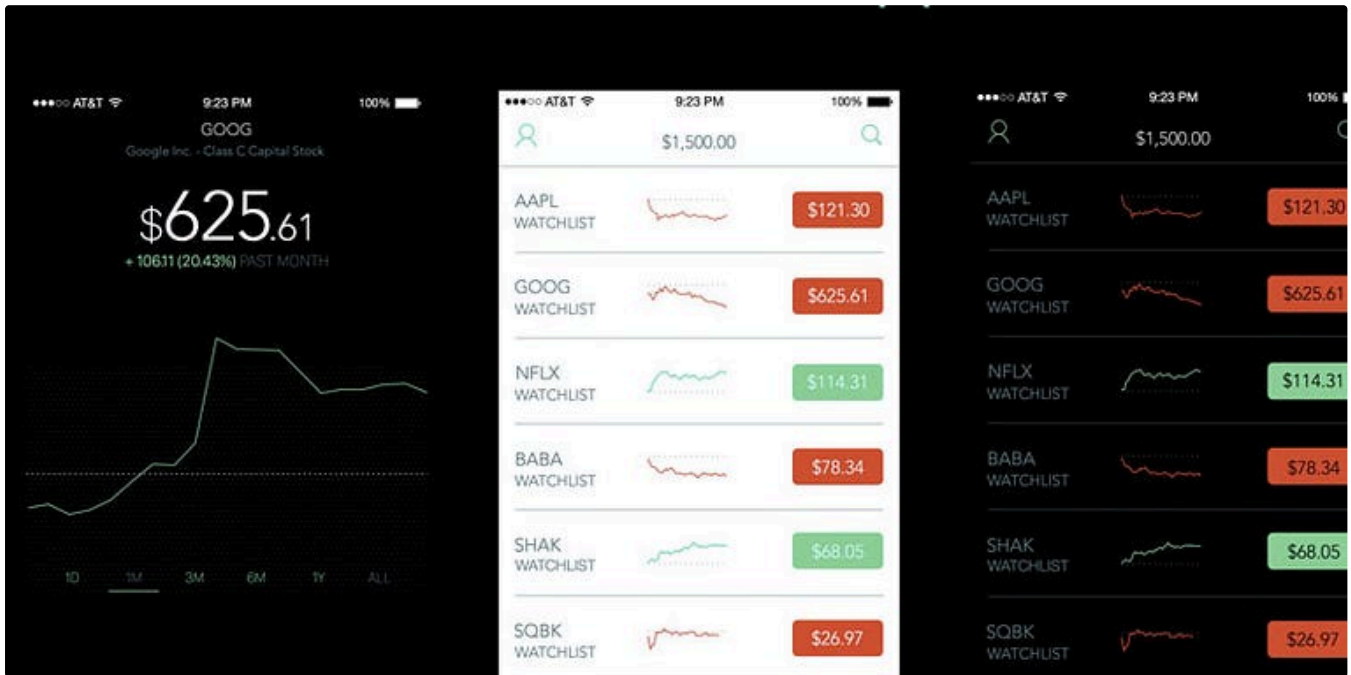
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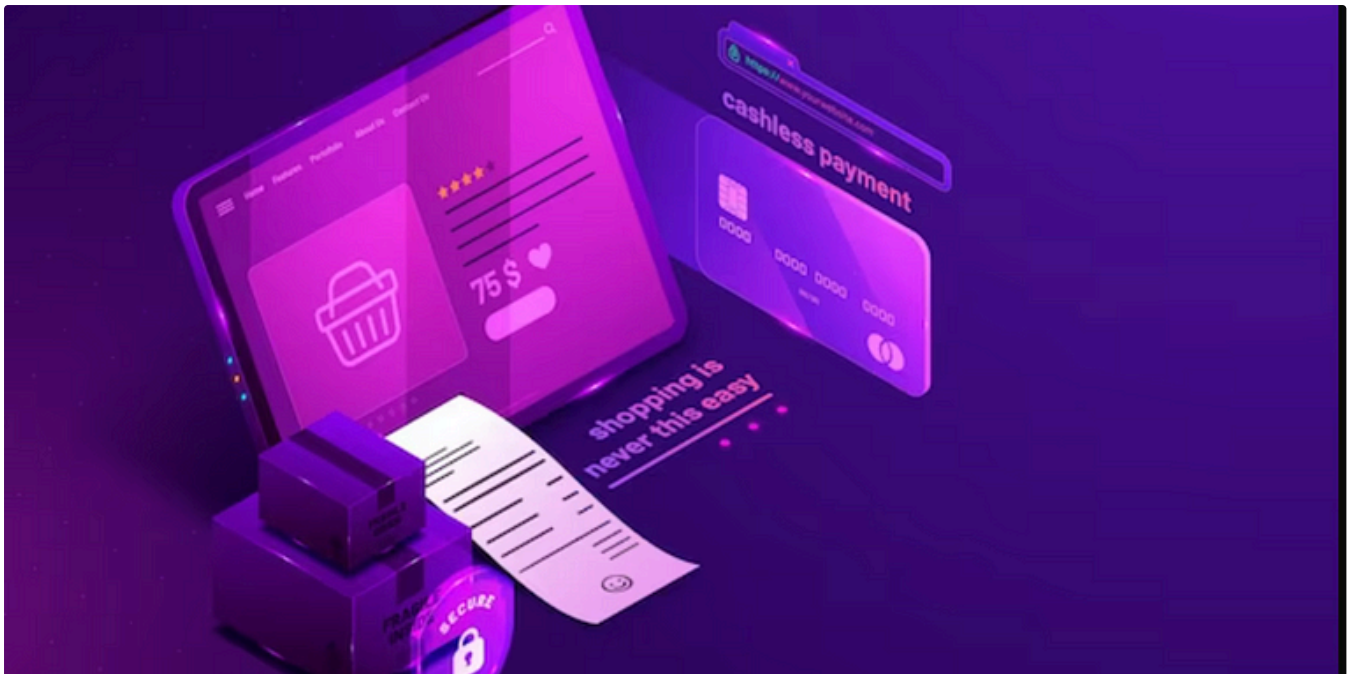👏 284        💬 3                                                   🔖⁺        •••

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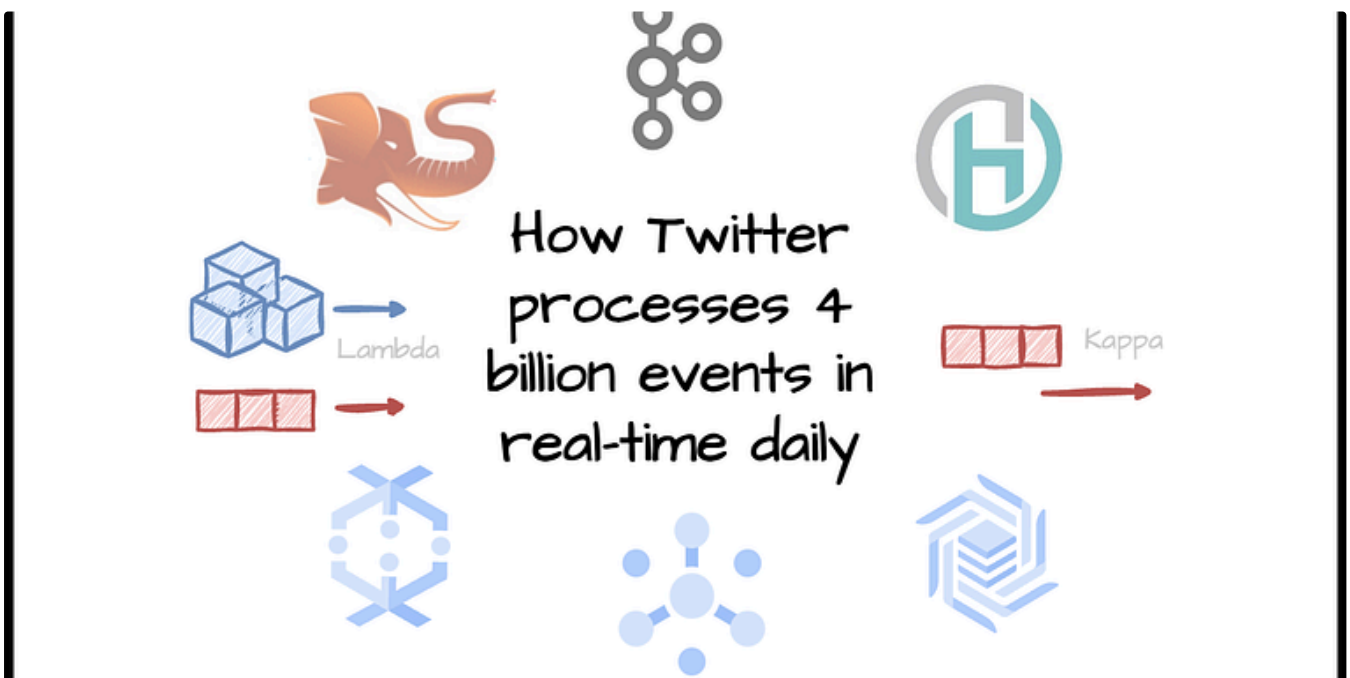
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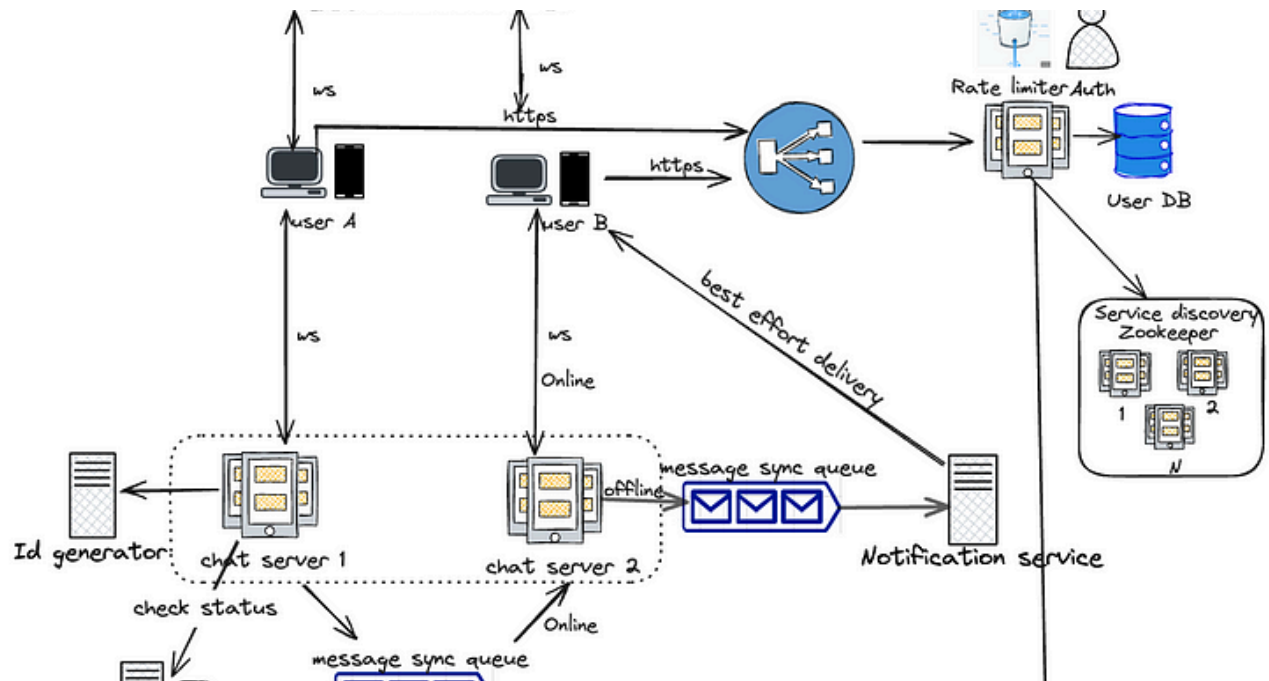Functional Requirements

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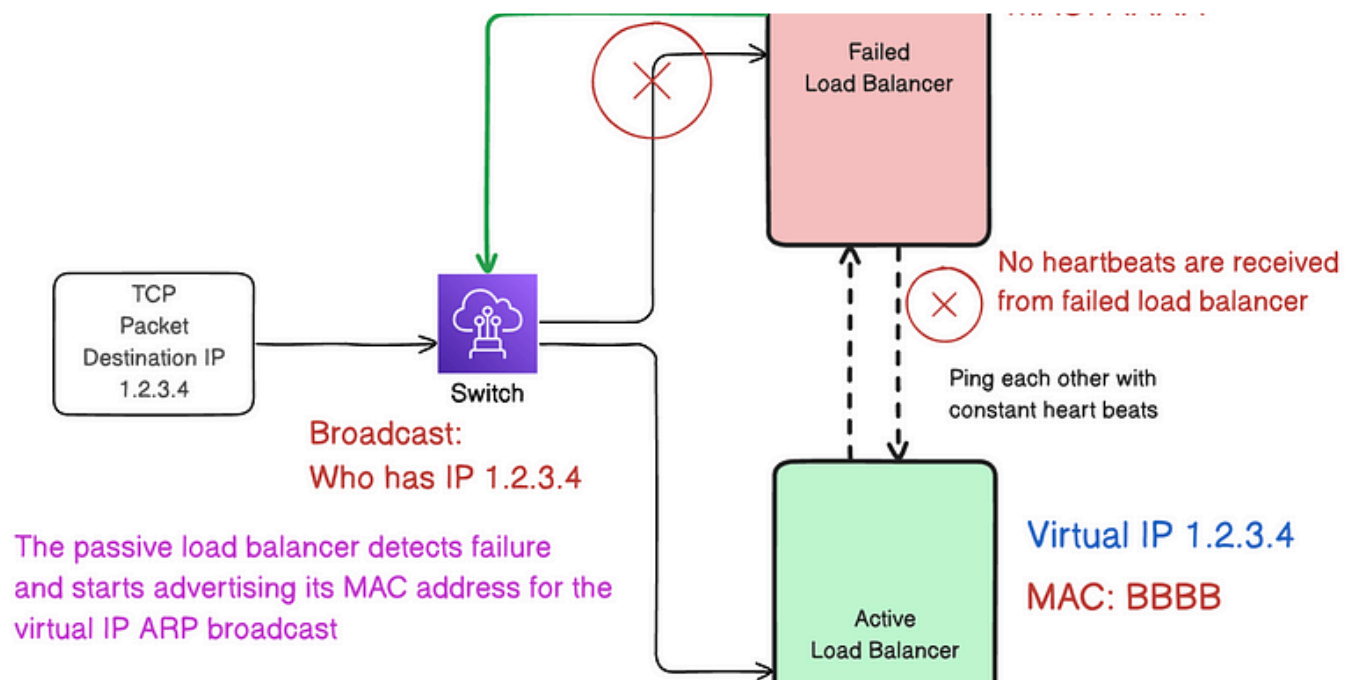
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