

High availability architecture

High availability architecture is a design approach aimed at ensuring that a system or application remains operational and accessible to users with minimal downtime or interruptions. It is crucial for businesses and organizations that rely heavily on their IT infrastructure to deliver consistent services or applications, as any downtime can result in lost revenue, reduced customer satisfaction, and other negative impacts. High availability architecture is commonly implemented in various IT systems, including websites, databases, cloud services, and more.

Key principles of HAA

- 1.Redundancy
- 2.Clustering
- 3.Load balancing
- 4.Scalability
- 5.Geographical redundancy