In fact, edge computing can be traced back to the 1990s, when content delivery networks (CDNs) acted as distributed data centers. These capabilities were built on principles from the CDN's low-latency abilities, the P2P network's decentralized platform, and the cloud's scalability and resiliency. However, inventions such as peer-to-peer (P2P) networks, where computers are connected and share resources . without going through a separate, centralized server computer, alleviated the strain