Distributed Systems	Why build a distributed system?
Characteristics of a distributed system	Benefits of using Edge Servers

- Centralized system is simpler in all respects
- Scalability limitations
- Single point of failure
- Availability and redundancy
- Many resources are inherently distributed
- Many resources used in a shared fashion

A distributed system is a system that is comprised of several physically disjoint compute resources interconnected by a network, working together to appear as a single coherent system.

Edge servers cache data to provide lower latency and offload work from a central server.

If edge servers can't answer a request, it is forwarded to the central server.

- Reliable
- Fault tolerant
- Highly available
- Recoverable
- Consistent
- Scalable
- Predictable performance
- Secure
- Heterogeneous
- Open