

Explain Client Server Architecture along with the diagram.

Client-Server Architecture :-

- Client-server architecture is a distributed computing framework that divides tasks between clients and servers over a network.
- Clients are the requesters of services or resources, while servers are the providers.
- Client-server architecture follows a protocol known as request-response, which means the client requests information or data, and then the server provides the requested data.
- This model is fundamental to how many modern applications and services function, including websites, email, and online banking.

Key Components :-

- Client: A device or application (like a browser) that sends requests to the server for resources.
- Server: A powerful computer or program that listens for requests from clients and responds with the appropriate resources or data.

Diagram :-

