1. What is the use of service discovery in microservices?

Answer: Service discovery maintains the network addresses (IP & Port) for the application & microservices. There are two type of service discovery patterns:

1. Client-side discovery pattern – in this pattern, client is responsible for determining network locations for available service instances and load balancing requests among them. The client queries a service registry, which is a database for available service instances. The client used load balancing algorithm to determine to select one of the available service instances and make a request. Ex- Netflix OSS
2. Server-side discovery pattern – in this pattern, client makes a request to service via load balancer. The load balancer queries the service registry and route the to available service instance.