**RabbitMQ:**

Communication patterns:

RESTful services – Synchrnous

Message Based – Asynchronous, one to many, not real time

Event driven architecture - Asynchronous, one to many, real time

**Messaging:**

Two application can communicate asynchronously.

A small text message is sent to a message broker.

A message broker is an agent that provides message based communication.

Features: Provides storage for messages.

Different message delivery patterns or exchange type

Direct – one to one

Topic – pattern based (multicast means in group)

Fanout – broadcasting to everyone

Deliver message when recipient comes online.

TTL – Time to Live – undelivered messages can be moved to Dead letter queue.

**Azure Service Bus, Azure Storage Queue, RabbitMQ etc.**