- **CoAP(Constrained Application Protocol)**

Designed to enable simple, constrained devices to join the IoT even through constrained networks with low bandwidth and low availability. It is generally used for machine-to-machine (M2M) applications such as smart energy and building automation.

- **AMQP (Advanced Message Queuing Protocol)**

open standard application layer protocol used for transactional messages between servers.

- **WiFi**

Provides an internet connection to nearby devices within a specific range. Another way to use Wi-Fi is to create a Wi-Fi hotspot

- Bluetooth

Bluetooth tends to frequency hop and has a generally shorter range.

- **MQTT (Message Queuing Telemetry Transport)**

It features a publisher-subscriber messaging model and allows for simple data flow between different devices

Application	——————	MQTT,AMQP
Transport	——————	TCP
Network	——————	IPV4
physical	——————	WIFI