

MQTT

- Lightweight message queueing and transport protocol
- Sensor and Actuator nodes communicate with application through the **MQTT message broker**

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designed for minimal **network traffic**
and **constrained devices**

small header size

PUBLISH	2-4 bytes
CONNECT	14 bytes

HTTP	0.1-1 KB
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binary payload (not text)

small clients: 30 KB (C), 100 KB (Java)

minimal protocol exchanges

MQTT has configurable keep alive
(2 byte PINGREQ / PINGRES)