# AMQP vs MQTT

1. Power Usage:  
MQTT uses very little power, making it perfect for small IoT devices. AMQP, on the other hand, uses more power because it supports more features and heavier communication.

2. Security:  
Both MQTT and AMQP use TLS/SSL for secure communication. However, AMQP supports more advanced security features like more detailed authentication controls.

3. Message Persistence:  
MQTT supports message persistence when configured properly – it can save messages if the connection is lost. AMQP is built for reliability and supports strong message delivery and queuing features by default.

# HTTP/HTTPS vs MQTT

1. Power Usage:  
HTTP/HTTPS uses more power because each request needs to create a new connection. MQTT maintains a long connection and sends very small messages, saving power.

2. Security:  
HTTPS is very secure thanks to SSL/TLS. MQTT can also be secured using TLS, but its basic version is less secure by default.

3. Message Persistence:  
HTTP/HTTPS doesn’t store or resend messages if a connection is lost. MQTT supports persistence and can resend messages when the device reconnects.