

Application



Failure (F1): Android app shows D3 as a sensor instead of a lamp.

①

Failure (F2): Android app crashes after trying to turn off D3.

②

F2 Root Cause: Bug in the Android app code.

⑨

Cloud



F2 Candidate Cause: Compatibility issue of the home automation server and G1 gateway.

③

Edge



Failure (F3): D3 has been misidentified by the G1 gateway.

④

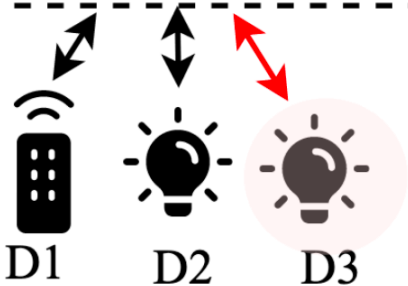
F1&F3 Root Cause: Bug in the firmware of the gateway device.

⑦

F1&F3 Solution: Reset the gateway and lamp and pair them again.

⑧

Device



F1 Candidate Cause: Device(D3)-gateway(G1) pairing process.

⑥

F1 Candidate Cause: Device(D3) payload data format.

⑤