FAQ - Location request timing (Caching)

Valid for:	~~N610~~	N670	N870	N870E	Embedded Integrator	Virtual Integrator

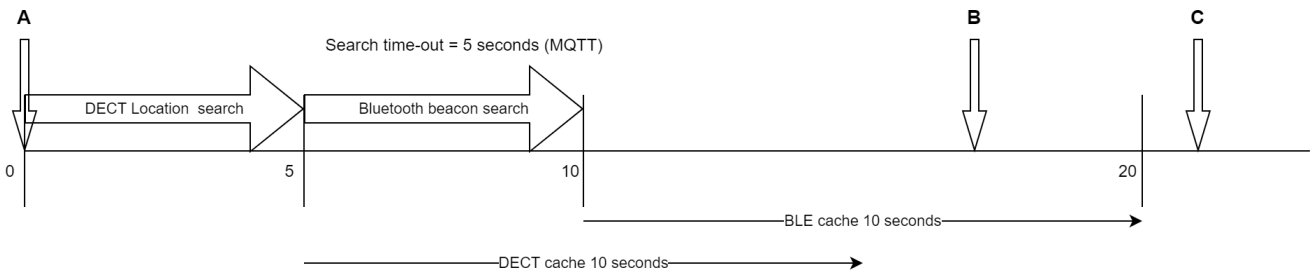
Introduction

Here we describe the timing/caching used when sending an location request via MQTT.

If the system receives an location request (DECT + Bluetooth) via MQTT:

1. DECT location request will take around 5 seconds
2. Then Bluetooth search is done, duration: "search time-out in MQTT command"
3. Results are cached for 10 seconds (To protect system against location request flooding)
4. DECT and Bluetooth have an own cache

Example DECT + Bluetooth location request:

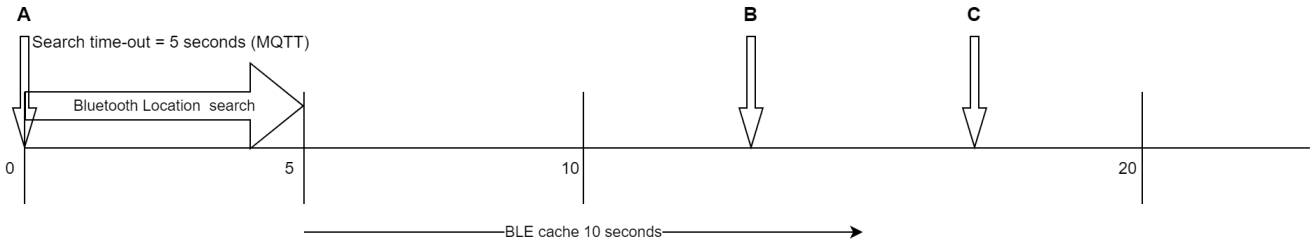


Send an DECT + Bluetooth Location request (MQTT) with the search time-out = 5 seconds "**A**".

If we would send an new Location request "**B**" 17 seconds later, we would receive new DECT location values and cached Bluetooth values.

Sending a new location request after 20 seconds "**C**" results in new DECT and Bluetooth location values.

Example Bluetooth location request:



Send an Bluetooth Location request (MQTT) with the search time-out = 5 seconds "**A**".

If we would send an new Location request "**B**" 13 seconds later, we would receive cached Bluetooth values. (Syslog message: send cached ble result)

Sending a new location request after 17 seconds "**C**" results in new Bluetooth location values.