

DULT Document #3

DULT WG meeting #2
July 23, 2024

Agenda

- Background on Document #3
- Overview of contents of Document #3

Background on Document #3

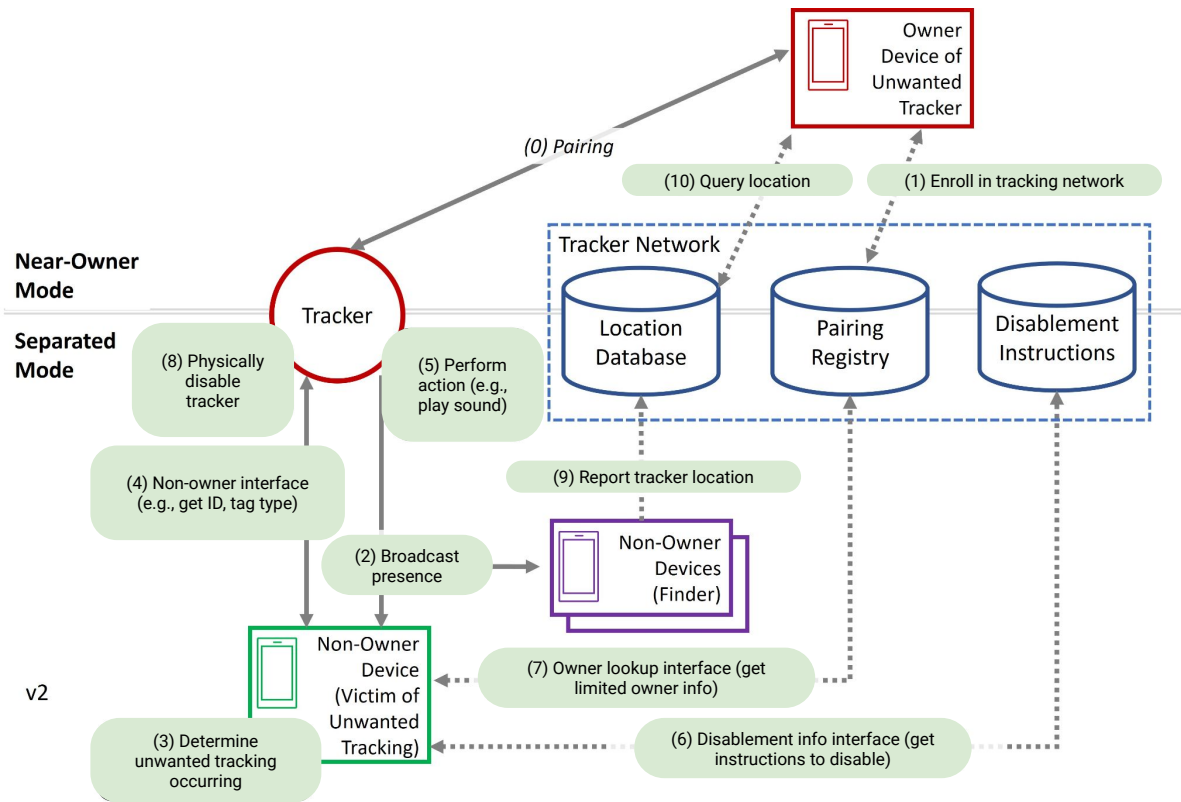
- Document #3 covers: Protocol between accessories and nearby non-owner devices, including data format
 - Uploaded to datatracker on 6/22: <https://datatracker.ietf.org/doc/draft-ledvina-dult-accessory-protocol/>
 - Document consists of copy and paste of relevant sections of this internet draft: <https://datatracker.ietf.org/doc/draft-detecting-unwanted-location-trackers/>
- Consider it a starter document
 - Covers items 2,4,5,6,7,8 in overall system architecture diagram (see backup slide)
 - It's not a complete document, but we feel like it's a solid start

Overview of contents of Document #3

1. Introduction & Background
2. Requirements
 - a. BT low energy (LE)
 - b. Location tracking
 - c. Location-enabled Bluetooth LE Advertisement Payload
 - d. MAC address
 - e. Service data TLV & Network ID
 - f. Near owner bit, advertising interval, & connections
 - g. Proprietary company payload
 - h. Accessory information (opcodes)
 - i. Disablement & Identification
 - j. Owner registry
3. Accessory Category Value
4. Firmware updates
5. Platform Support Unwanted Tracking
6. Onboarding

Questions?

Back-up



State	In scope?
(1) Enroll in Tracking Network	Yes: Design mechanisms to ensure that devices that do not correctly implement or adhere to the DULT protocol can be detected and excluded...
(2) Broadcast Presence	Yes: Allow a tracking accessory to identify & advertise its presence....
(3) Determine unwanted tracking occurred	Yes: Reference algorithm in scope of charter...
(4) Non-Owner Interface	Yes: Allow a nearby device to trigger behavior...
(5) Perform Action	
(6) Disabling Info Interface	Yes: Allow nearby devices to fetch additional information about a tracker accessory...
(7) Owner Lookup Interface	Yes: Includes physical security considerations, such as user impact when device has been physically modified to diminish findability...
(8) Disable Tracker	
(9) Report location	Yes: Design mechanisms to ensure that devices that do not correctly implement or adhere to the DULT protocol can be detected and excluded...
(10) Query location	

