

Trustworthy Location

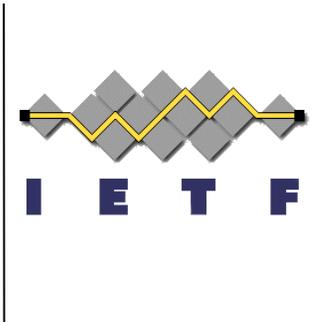
draft-ietf-ecrit-trustworthy-location-06

ECRIT WG

IETF 87

July 29, 2013





Draft Status

- Major revisions discussed at IETF 86.
- -05 submitted in March, based on feedback from that meeting.
- Changes in -06, submitted in July:
 - Section 3.1 “Signed Location by Value”: Reorganization of material in Section 4 into this section, and addition of discussion of draft-thomson-geopriv-location-dependability.
 - Section 1.1 Terminology: Addition of definition of “Place Shifting”, “Time Shifting”, “Location Theft” and “Location Swapping”, from draft-thomson.
 - Editorial fixes (grammar, spelling, etc.).
- WG last call on -06, ends July 29, 2013 (today). One issue raised (#15).

Issue #15: Updated Definitions of Place Shifting, Time Shifting, Location Theft and Location swapping



- "Place Shifting" is where the attacker constructs a PIDs-LO for a location other than where they are currently located. In some cases, place shifting can be limited in range (e.g., within the coverage area of a particular cell tower).
- "Time Shifting" is where the attacker uses or re-uses location information that was valid in the past, but is no longer valid because the attacker has moved.

Issue #15 (cont'd)



- Location Theft" is where the attacker captures a Target's location information and presents it as their own. Location theft can occur on a one-off basis, or may be continuous (e.g., where the attacker has gained control over the victim's device). Location theft may also be combined with time shifting to present someone else's location information after the original Target has moved. Where the Target and attacker collude, the term "location swapping" is used.

Next steps

- Feedback on proposed resolution (today)
- Submission of -07.
- Ready for IETF Last Call?



Feedback?

