Pre-CT1#133e
Conf. Call for ID_UAS

- **Agenda**

  - PCO/ePCO handling for UUAA/C2 authorization in EPS

  - Where to locate "UAS Service not allowed" indication from network to UE

  - Any Other Business

10/26/2021

1. ePCO/PCO handling for UUAA/C2 auth in EPS

- Summary of issue

- UUAA/C2 authorization parameter (so called UAS parameters) needs to be sent to network during Attach procedure or PDN connectivity request procedure.

- Parameters for UUAA/C2 auth may exceed 255 byte so that two octets length is required.

- There were two proposals on board:

Sol 1. Exchange indications for that two octets length is required between UE and network

Sol 2. Sending CAA-level UAV ID only (≤255 bytes) in the first PCO (MS to network)

- REMARK: In the last SA2 meeting (SA2#147e) S2-2107958 (agreed)
  - Option 1 (UUAA during attach procedure) is removed
  - Option 2(UUAA triggering after attach procedure) remains:
  - UUAA procedure takes places after attach procedure
  - Multiple round-trip message for UUAA procedure via update bearer procedure

1. ePCO/PCO handling for UUAA/C2 auth in EPS

- Discussion paper for conf. call

- Ericsson: "C1-21iaia - description of the issues with transport of UUAA parameters in PDN CONNECTIVITY REQUEST of IP based PDN"

- Huawei: "Huawei inputs on ID_UAS CC" slide 2 and slide 3

NOTE: CRs from Ericsson (distrubuted to reflector) will be handled if necessary

1. ePCO/PCO handling for UUAA/C2 auth in EPS

-Way forward

- To be added online

2. Where to locate "UAS Service not allowed" indication

- Summary of issue

- CAA-level UAV ID is mandatory for PDU session/PDN connection for UUAA

- CAA-level UAV ID and C2 aviation payload are mandatory for PDU session/PDN connection for C2 communication

- If mandatory parameter is missing, the UE is not allowed to use UAS service

→ Where the network locates the indication of "UAS service is not allowed"?

- There were two proposals:

Proposal 1: new 5GSM cause "UAS service is not allowed" in 5GS and new IE in PCO "UAS service is not allowed" in EPS

Proposal 2: new cause "UAS service is not allowed" in Service-level-AA container

2. Where to locate "UAS Service not allowed" indication
- Discussion paper for conf. call

- Huawei: "Huawei inputs on ID_UAS CC" slide 4 to slide 6

- Way forward (to be added online)