Emergency Callback Id

IETF#82, Taipei, Taiwan

draft-holmberg-ecrit-emergency-callback-id-00
(ex draft-holmberg-ecrit-callback-00)

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UTSHELL

› Define a new gruu type, emergency gruu (eGRUU), a new SIP-URI parameter ("psapcb") and a new SIP option-tag ("egruu") that can help network entities to detect a callback call from a PSAP.

PSAP CALLBACK REQUIREMENTS

› **1**. Ensure that the PSAP callback call reaches the same device that made the associated emergency call.

› **2**. Identify that the call is a PSAP callback call.
  – Applies not only to UA, but also "home network", in order to give special treatment (e.g. service disabling) to the PSAP callback call.

eGRUU CHARACTERISTICS

› Constructed as a public GRUU
  – "psapcb" SIP-URI parameter included
› Must not be constructed locally
› Must only be inserted in the Contact header field of a UA (non-PSAP) when making an emergency call
› Must only be inserted in the Request-URI of a UA (PSAP) when making a PSAP callback call

› Minimal PSAP impact: assume that the PSAP uses the Contact header field URI of the INVITE request for the emergency call when making the associated callback call.

PROCEDURE: REGISTRATION

UA   REGISTRAR

REGISTER
Supported: **egruu**

200 OK
Contact:**emg-gruu**="sip:callee@example.com;**psapcb**"

PROCEDURE: EMERGENCY CALL

UA   PSAP

INVITE
Contact:sip:callee@example.com;**psapcb**

200 OK

PROCEDURE: PSAP CALLBACK CALL

UA   REGISTAR

INVITE sip:callee@example.com;**psapcb**

200 OK

COMMENTS: NEED NEW GRUU TYPE?

›

parameter might not accept the INVITE request for the

PSAP callback call, as the Psap GRUU parameter was not
parameter might not accept the INVITE request for the

provided to the UA in the REGISTER response.

PROPOSAL TO THE WG

› **2.**   MERGE WITH draft-ietf-ecrit-psap-

callback

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THANK YOU FOR LISTENING!