

Inband key updates

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What?



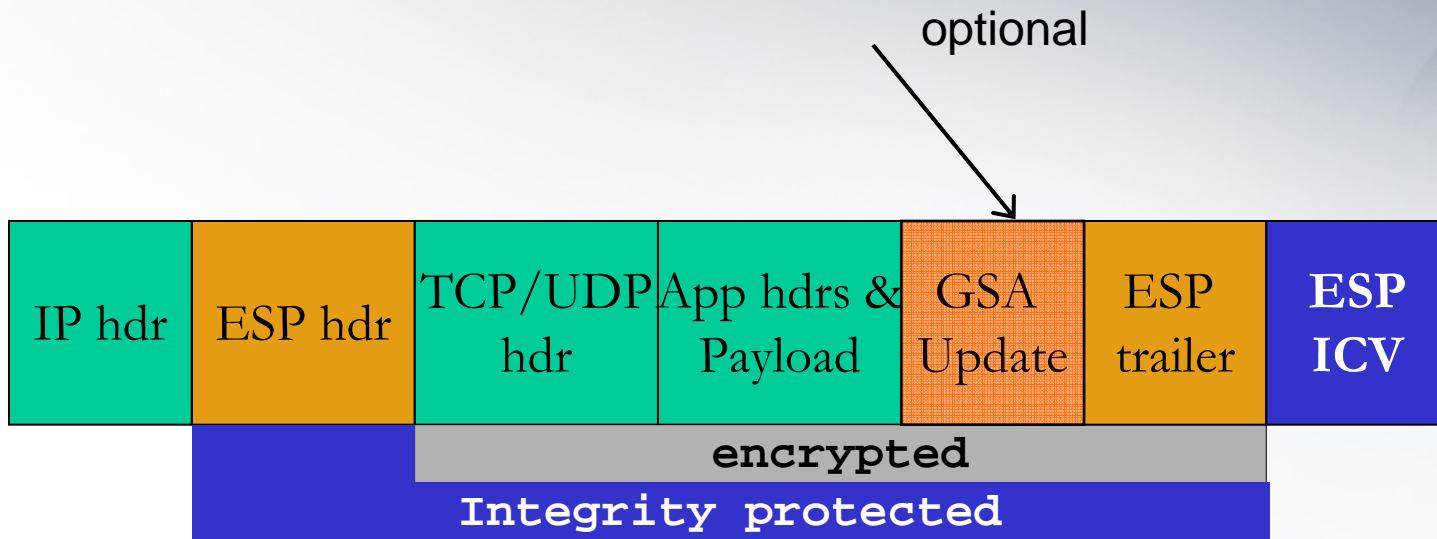
- Proposal to send GSA updates via data encapsulation protocol
- Send a rekey message or some portion of it via IPsec or SRTP
- Credits
 - I have heard similar proposals from others before
 - Ran?

Why?

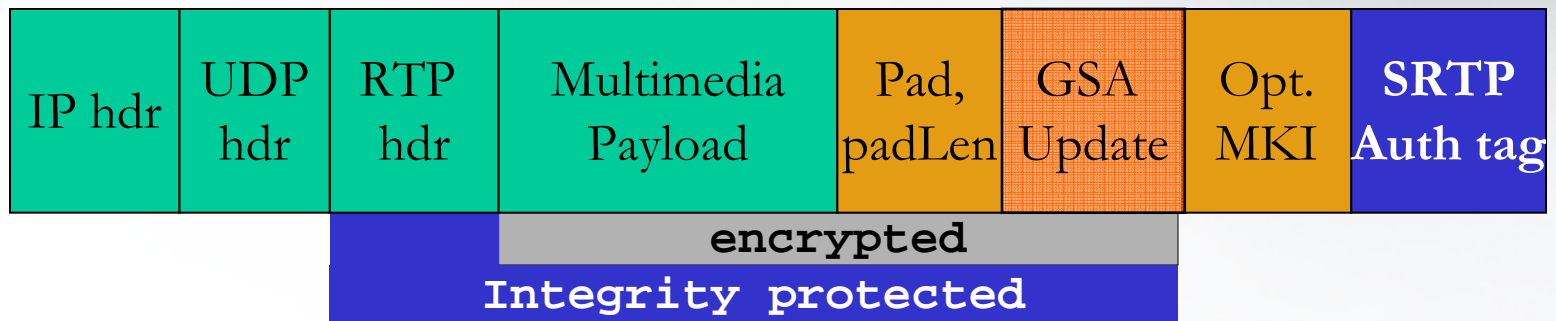


- GSA updates may be lost in transmission
- Current approach is to send a few times and
 - pray ...
 - The unfortunate receivers are required to re-register
- Others are doing it already
 - e.g., 3GPP2 BCMCS specification uses the MKI field
 - Recall that the MKI field is not integrity protected
 - It doesn't need to be if used for the intended purpose
 - A variable length field so an attractive place to piggyback on

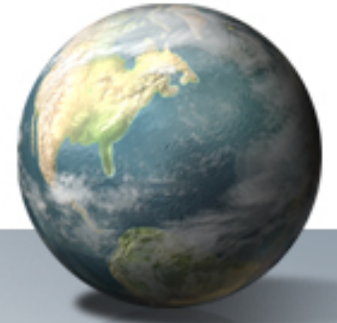
How?



How?



Shall we?



- Strawman proposal for the WG's consideration
- Need comments on why this is good, bad or ugly
- Please send your reviews to the list
 - If there is consensus (Ran will decide), we'll make this a WG item