

Summary to GSMA LSs

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Incoming LSs from GSMA

GSMA RIFS/DESS group

S3-231706	LS Reply to 3GPP on SEPP Certificates	GSMA	Responses on 3 questions from 3GPP
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GSMA NRG/5GMRR group

S3-231717	LS to 3GPP on GSMA requirements regarding intermediaries in the roaming ecosystem (Roaming Hub, IPX and RVAS Providers)	GSMA	Overall umbrella LS → Entities (RHUB, IPX,RVAS) may need access to messages exchanged between PLMNs to be able to offer their services.
S3-231718	LS response to 3GPP on IPX Requirements for 5GS Roaming	GSMA	19 requirements for IPX listed Use cases described: <ul style="list-style-type: none">- Hosted SEPP- Regional breakout Reply proposal by HW in S3-231964
S3-231719	LS Roaming Value Added Service Requirements	GSMA	Use case described: sponsored roaming
S3-231720	LS with Roaming Hubbing requirements and LS response to 3GPP SA3 LS(S3-214456) on 5GS Roaming Hubbing	GSMA	16 requirements for RHUBs listed Detailed response to an earlier LS from SA3 (sent in 2021)
S3-231721	LS on GSMA 5GMRR Working Solution Assumption L-PRINS and Data Session Control	GSMA	Hop-by-hop solution On top of TLS use PRINS, but only between 2 adjacent hops Proposes to add signature from the sender and each hop Allows for logging and later proof of evidence what has been sent

Overall summary

- GSMA points out that there are various situations where there is no direct, end-to-end relation between the visited and the home PLMN (i.e. RHUB, IPX, RVAS can be intermediaries on the path)
- E2e architecture is not enabling all use cases
- 3GPP specs so far cover IPX only (and recently a operator group RHUB definition was added)
- Overall requirement: Entities may need access to messages exchanged between PLMNs to be able to offer their services.
- Dedicated set of requirements per stakeholder (IPX and RHUB) provided
- Use cases mentioned in the LSs where an intermediate service provider is necessary in order to enable roaming service in an efficient way:
 - Roaming Hubs (refer to LS Doc41_37) taking financial liability or not
 - Regional breakout (refer to LS for IPX requirements Doc41_38) & Hosted SEPP (also Doc41_38)
 - Sponsored Roaming (refer to LS for RVAS requirements Doc41_39)
- It is expected that these services will remain relevant in 5G.
- GSMA requests 3GPP to look into the requirements and use cases
- GSMA provides 3GPP with a working assumption, by which GSMA believes the use cases can be covered