

Source: Ericsson
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Document for: Discussion

SP-220283



Way forward for MPS2 related CRs

Ericsson

Background of the original CRs proposed in SA2#149e

- 📶 The original set of CRs submitted by the Authors were focused on alignment with CT4 CRs and ensuring that MPS priority setting utilizes both MPS subscription from UDM as well as Priority Establishment cause code from the UE.
- 📶 At Registration Accept: “If the AMF received "MPS priority" from the UDM as part of Access and Mobility Subscription data, based on operator policy, "MPS priority" is included in the Registration Accept message to the UE to inform the UE whether configuration of Access Identity 1 is valid within the selected PLMN, as specified in TS 24.501 [25]. If the AMF received "MCX priority" from the UDM as part of Access and Mobility Subscription data, based on operator policy and UE subscription to MCX Services, "MCX priority" is included in the Registration Accept message to the UE to inform the UE whether configuration of Access Identity 2 is valid within the selected PLMN, as specified in TS 24.501 [25]. “
- 📶 Approved S2-2201743 (989r02) does not have any confirmation from UE at UCU and these set of CRs were never intended to change the existing Priority handling on RRC at Registration.
- 📶 AMF does not need to keep track of UE status since AMF will check the subscription in the absence of RRC priority code and apply priority as per subscription (as other parts of these set of CRs propose), regardless.
- 📶 Adding this additional tracking in AMF does not provide any change to priority handling on RRC, so no change in the outcome.
- 📶 RRC Establishment cause is only valid when UE needs to establish RRC, but sessions can be triggered from connected UEs where SBI messages need to set the priority handling.

What is needed to align with the actual intent of the feature

- 📶 S2-2200987 – SBI Message Priority for MPS (this CR was not approved in SA2 and will be proposed directly to SA for approval)
 - Alignment with CT4/TS 29.500.
 - AMF can also use subscription information in case a UE did not have MPS priority provisioned on the USIM and came in during registration with a regular establishment cause.
- 📶 The following addition in this CR which was controversial (as technically incorrect/is not justified) and reason for objection in SA2:
 1. UE to send confirmation back to the network of receipt of priority in registration complete. One version included a change indicator in the UDM modeled after the Network Slicing subscription (and CAG).
 2. “...and the UE has not yet received MPS Priority or MCX Priority”
- 📶 The last subsentence (#2) also occurs in the following 2 Approved CRs, are not justified and technically incorrect:
- 📶 S2-2201742 – Correction of Subscription-related Priority Mechanisms
- 📶 S2-2201277 – Clarifications on NSAC for Emergency and Priority services, is not related to SBI setting and adding change#2 is incorrect.

Actions requested at SA#95-e

 Do not approve the following CRs:

SP-220063	23.501	3553	1	Rel-17	Correction of Subscription-related Priority Mechanism	F	17.3.0	S2-149E	S2-2201742	Peraton Labs, CISA ECD, AT&T, Verizon, T-Mobile USA
SP-220058	23.501	3489	1	Rel-17	Clarifications on NSAC for Emergency and Priority Services	F	17.3.0	S2-149E	S2-2201277	Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile USA

 Instead, approve the revised CRs submitted which reflects the technical details described in slide 3.

 Versions to be submitted to SA are:

 (S2-2200987) SBI Message Priority revision Approve this version **in-SP-220280 CR3398 R1**

- SA2 version Revised R01+removal of UDR and does not include the two mentioned aspects.

 (S2-2201742/SP-220063) Correction of Subscription-related Priority Mechanisms revision Approve this version **in-SP-220281 CR3553 R2**

- SA2 version Revised S2-2200988R04+removal of UDR and does not include the subsentence

 (S2-2201277) Clarifications on NSAC for Emergency and Priority services revision Approve this version **in-SP-220282 CR3489 R2**

- SA2 version Revised S2-2200325R00+removal of UDR and does not include the subsentence

THANK YOU !