3GPP TSG SA WG5 Meeting 135-e TDoc S5-211122

electronic meeting, online, 25 January - 3 February 2021

**Title:** LS on controlling the number of UEs and PDU Sessions in a Network Slice

**Response to:** LS (S5-211022/S2-2009214) on controlling the number of UEs and PDU Sessions in a Network Slice from SA2

**Release:** Rel-17

**Work Item:** FS\_eNS\_Ph2

**Source:** SA5#135e

**To:** SA2

**Cc: -**

**Contact person:** Maryse Gardella

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** tbc

# 1 Overall description

SA5 thanks SA2 for their LS on the different options developed in their TR 23.700-40 for controlling the number of UEs and PDU Sessions in a Network Slice under their respective KI#1 and KI#2.

SA5 would like to inform SA2 that SA5 has started a new study on Charging Aspects for Network Slicing Phase 2 (FS\_NETSLICE\_CH\_Ph2, TR 32.847), with one of the objective to investigate Network slice converged charging for Network Slices enabled over 3GPP 5GS. The particular GSMA 5GJA NG.116 maximum number of UEs and maximum number of PDU Sessions attributes of the Network Slice are both expected as charging information to be considered for this Network Slice converged charging (including with quota management).

SA5 understands SA2 is expected to develop an option based on a new NF for counting the number of UEs and PDU Sessions in a Network Slice: this option has been considered by SA5 under one candidate solution for Network Slice converged charging based on "max. Nb of Reg UEs", described in approved pCR S5-xxxx.

SA5 will keep SA2 informed about the concluded solutions for the particular KI#1 and KI#2, during the progress of their FS\_NETSLICE\_CH\_Ph2 study.

# 2 Actions

**To SA2**

**ACTION:** SA5 kindly asks SA2 to take into account the input above for their normative work based on their TR 23.700-40 conclusion for KI#1 and KI#2.

# 3 Dates of next TSG SA WG 5 meetings

SA5#136-e 1st March 2021 - 10th March 2021 electronic meeting

SA5#137-e 10th - 19th May 2021 electronic meeting