**3GPP TSG-SA3 Meeting #102-e draft\_S3-210351-r2**

**e-meeting, 18 – 29 January 2021**

**Title:** LS on loop registration in CAG

**Response to:**

**Release:** Rel-16

**Work Item:** FS\_ Vertical\_LAN\_SEC

**Source:** SA3

**To:** SA2 and CT1

**Cc:** RAN2

**Contact Person:**

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**Attachments:** S3-210350

**1. Overall Description:**

In SA3#99e, SA3 sent a LS to SA2 (S3-201414) regarding the MITM attack in CAG, then, SA2 approved a solution to solve the FBS issue .

After analysing the SA2 approved solution, SA3 identified that with the agreed solution UE may go into a loop of registration attempts but never succeed if a false base station broadcasts a fake CAG different from the CAGs supported by the connecting genuine gNB. Details on the new issue can be found in S3-210350.

Therefore, SA3 kindly asks SA2 and CT1 to take the above information into consideration and develop an appropriate solution for this.

**2. Actions:**

**To SA2 group.**

**ACTION:** SA3 kindly asks SA2 and CT1 group to take the above information into account and develop an appropriate solution for this.

**3. Date of Next TSG-SA WG5 Meetings:**

SA3#102e-Bis 1 - 5 March 2021 Electronic meeting

SA3#103e 17 - 28 may 2021 Electronic meeting