**3GPP TSG SA WG3 Meeting #101bis-e draft\_S3-203055-r1**

**e-meeting, 9 – 20 November 2020**

**Title:** Reply LS on Misalignments on HTTP message format over N32-f

**Response to:** S3-XXX

**Release:** Rel-15 onwards

**Work Item:** 5GS\_Ph1-SEC

**Source:** SA3

**To:** CT4

**Cc:**

**Contact Person:**

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**Attachments:**

**1. Overall Description:**

SA3 would like to thank CT4 for their LS on Misalignments on HTTP message format over N32-f.

SA3 has evaluated these two JSON representations of a reformatted HTTP message defined in TS 33.501 and TS 29.573. SA3 could not agree on whether there is a major security issue with the mechanism defined in TS 29.573. However, in that case it is also necessary to mention that the mechanism in TS 29.573 requires that the JSON key "encBlockIndex" is not used in any SBA API. Otherwise it would interfere with PRINS on the N32-interface. Hence, it is suggested to update TS 29.501, clause 6 “Requirements for secure API design, in order to avoid the potential non-backward compatible changes to existing frozen stage 3 specification.

**2. Actions:**

**To CT4 group.**

**ACTION:** SA3 kindly asks CT4 group take the above information into account.

**3. Date of Next TSG-SA WG3 Meetings:**

SA3#101Bis-e 18-22 Jan. 2021 eMeeting

SA3#102-e 22 Feb-05 Mar. 2021 eMeeting