**3GPP TSG SA WG3 Meeting #101bis-e draft\_S3-203055-r3**

**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 the 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. SA3 will align with CT4 to avoid the potential non-backward compatible changes to existing frozen stage 3 specification. Besides the alignment in SA3, SA3 would like to suggest CT4 to update with the following requirement, i.e. the name or value "encBlockIndex" shall never appear in any NF's API, including future APIs. This includes third party APIs. This requirement can be captured in the TS 29.501, clause 6 “Requirements for secure API design.

**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