**3GPP TSG-SA WG4 Meeting #124S4-230938**

**22nd May 2023 – 26th May 2023, Berlin, Germany**

**Title: LS on network slice replacement procedure**

**Response to: —**

**Release: Rel-18**

**Work Item: FS\_MS\_NS\_Ph2**

**Source:** **3GPP SA4**

**To:** **3GPP SA2**

**Cc:**

**Contact person: Prakash Kolan**

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

**Attachments:**

# 1 Overall description

As part of its study on Network Slicing Extensions for 5G media services, SA4 is looking into the network slice replacement procedure specified in clause 5.15.19 of TS 23.501. From SA4 perspective, knowing the following information helps in understanding the impact of the above procedure on SA4-defined 5G Media Streaming procedures specified in TS 26.512:

1. Can SA2 confirm that the Alternative network slice provides similar performance as that of the original network slice that it replaces?

2. Is the network slice replacement procedure transparent to the UE application?

3. Are the Application Function and the Application Provider notified when the network slice replacement procedure is invoked by the 5G System?

4. Is the Application Provider made aware of the Alternative network slice information prior to the network slice replacement procedure being invoked by the 5G System(e.g., through OAM)?

SA4 would like to request that SA2 provide clarification on the above questions. In case the above aspects are not yet looked into in SA2, SA4 would like to request that SA2 provides a response on whether it intends to look into these aspects in Release 18 (or beyond).

# 2 Actions

**To SA2**

**ACTION:** SA4 kindly requests SA2 to confirm that the Alternative network slice provides similar performance as that of the original network slice that it replaces, and comment on whether the network slice replacement procedure is transparent to the UE application, whether the Application Function and the Application Provider are notified when there is network slice replacement, and whether the Application Provider knows the Alternative network slice information prior to the network slice replacement procedure (e.g., through OAM).

**ACTION:** SA4 kindly requests SA2 to inform it of any existing or planned work in this area.

# 3 Dates of next TSG SA WG 4 meetings

SA4#125 21st–25th August 2023 Goteborg, Sweden

SA4#126 13th–17th November 2023 Chicago, US