**3GPP TSG-SA5 Meeting #134 *S5-206xxx***

**16 – 25 November 2020, E-meeting**

**Title:** Reply LS on Slice Information collection

**Response to:** S5-206021 [S2-2008034].

**Release:** Rel-17

**Work Item:**

**Source:** 3GPP SA5

**To:** 3GPP SA2

**Cc:**

**Contact Person:**

#### Name: Deepanshu Gautam

**Tel. Number:**

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**Attachments:** None

**1. Overall Description:**

3GPP SA WG5 thanks SA2 for their LS on Slice information collection.

SA2 Question:

SA5 is kindly asked to provide feedback on the feasibility of the procedure described in clause 6.2.1.2 in TR 23.700-91.

SA5 Answer:

SA5 would like to confirm the feasibility of the procedures in clause 6.2.1.2 in TR 23.700-91 as follows:

* Regarding 1a and 2a, the information related to slice include S-NSSAI, optionally NSI ID, and address of the NRF serving such network slice or slice associated NFs. Following are information for your consideration:
  1. SA5 confirms that the OAM can provide above network slice information to NWDAF via OAM configuration mechanism when network slice is created. Currently the network slice information provided to NWDAF is specified in TS 28.541 section 5.3.18 which already includes sNSSAIList. SA5 can consider NSI ID and address of the NRF serving such network slice or slice associated NFs in future enhancement. SA5 request SA2 to share more information if there are other network slice information are needed.
  2. In addition, OAM can also provide subscription and notification functionality to allow its consumer to subscribe for notification and receives notification for NetworkSlice IOC identified by object identifier (DN). If NWDAF wants to be the consumer, NWDAF must subscribe to OAM utilizing the OAM subscription functionality as specified in TS 28.532 and TS 28.622. Further, additional provisioning operations, e.g. getMOIAttributes, are required by NWDAF to get information of associated NFs after received notification.
  3. SA5 would suggest to use configuration mechanism (as bullet a described) for providing the network slice information to NWDAF.
* Regarding 1b and 2b:
  1. SA5 confirm that it is not supported because it is not possible to get information about the managed object without the object identifier (DN).

Regarding the option of allowing OAM to subscribe to slice level analytics from NWDAF, SA5 would also confirm that additionally OAM may use MDAF to get network slice load analytics and per S-NSSAI service experience analytics.

In addition, 5GC NF accessing OAM subscription, notification and provisioning functionality is prone to security risk, that’s SA5 is planning to deal with in due course.

**2. Actions:**

**To 3GPP SA2**

**ACTION:**

SA WG5 kindly requests SA2 to take the above answer into account.

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

TSG SA WG5 Meeting 135e 25 Jan – 3 Feb, 2021 e-Meeting