**3GPP TSG-RAN3 Meeting #110-e R3-207107**

**E-meeting, 2 - 12 November 2020**

**Title:** Evaluation of Slice re-mapping policy solutions

**Source:** Huawei, LGU+

**Agenda item:** 17.2

**Document Type:** Discussion and Decision

# Annex – TP

# 6 Study necessity and mechanisms to support service continuity

## 6.1 Scenario and issue description

*Editor Note: capture the description of scenario and issue.*

## 6.2 Solutions

*Editor Note: Capture the solutions for the scenario and issue.*

<Unchanged Text Omitted>

### 6.2.x Configuration Based Solution

The following analysis is provided for the scenario 1 ad scenario 2 respectively:

* Scenario 1: Slice resource shortage in case of Intra-RA mobility and Inter-RA mobility

As specified in TS 28.541, the slice re-mapping between different S-NSSAIs can be achieved via the prioritized resource modeling. For example, suppose UE’s ongoing slice is S-NSSAI 1 configured with *rRMPolicyMaxRatio* policy, which can use at least one of the shared resources, prioritized resources and dedicated resources. If the dedicated resources are not available, it can use other un-used prioritized and shared resources.

But the following needs to be further studied, e.g., for the S-NSSAI 1,

* + it can explicitly use resources belonging to which S-NSSAIs;
  + it can use the dedicated but not used resources of other S-NSSAIs;
  + it can preempt the used prioritized and/or shared resources from other S-NSSAIs.

In this case, further involvement with SA5 is required.

* Scenario 2: Non-supported slice in case of Inter-RA mobility

In this case, if the T-gNB does not support certain S-NSSAIs, these S-NSSAIs will not be included in the *RRMPolicyMemberList*, thus no resource will be planned by the T-gNB, as specified in TS 28.541.

For example, suppose UE’s ongoing slice is S-NSSAI 1, it will not be included in the *RRMPolicyMemberList* of the T-gNB. Thus the re-mapping of S-NSSAI 1 to the supported S-NSSAI(s) of T-gNB is not supported.

In this case, slice re-mapping is not supported yet by the prioritized resource modelling defined in SA5. And further involvement with SA5 is required.