3GPP TSG-RAN WG3#125bis R3-245713

Hefei, China, 14-18 October 2024

Agenda Item: 11.2

Source: ZTE Corporation

Title: Summary of Discussion on CB: # AIRAN1\_Slicing

Document for: Discussions & Approval

# Introduction

**CB: # AIRAN1\_Slicing**

**- Draft the TP for TS38.423 based on the agreements**

**- Discuss the open issues above and capture agreements if any**

(moderator - ZTE)

Summary of offline disc [R3-245713](file:///D:\3GPP\TSGR3_125-bis\TSGR3_125-bis\Inbox\Inbox\R3-245713.zip)

# For Chairman’s notes

WA: UE performance per PDU session per S-NSSAI, as slice-level UE performance, is reported from target node to source node.

FFS if other finer granularity of UE performance is feasible.

R3-24xxxx was R3-245092 (TP to 38.423) to reflect the following agreements:

Enhance the Data Collection Reporting Initiation procedure and Data Collection Reporting procedure to enable requesting and reporting of the predicted radio resource status per slice and predicted slice available capacity over the Xn interface.

Introduce Slice To Report List IE including PLMN ID and S-NSSAI in DATA COLLECTION REQUEST message.

# Discussion

## 3.1 Finer granularity of UE performance

Following the discussion online, there are three options to support slice-level UE performance:

Option 1: UE performance per S-NSSAI per PDU Session (ZTE, CMCC, Jio, TI, E///, LGE)

Option 2: UE performance per S-NSSAI (Lenovo, SS, HW, NEC)

Option 3: UE performance per QoS flow groups (CATT, Nok)

Comments:

CATT: Perfer Option3. Packet delay per QoS flow level is already supported based on the LS from SA2.

Nokia: Not ready to down select the option, considering the UE performance over NR-DC…

NEC, HW: Option 2 is already supported in SA5. Option 2 should be considered as working assumption.

E///: The source node can not compare the UE performance if the target node provides UE performance per QoS flow.

IT: Suggest to send LS to SA5 to ask the feasibility of UE performance per S-NSSAI per PDU Session if needed.

Conlusions:

WA: UE performance per PDU session per S-NSSAI, as slice-level UE performance, is reported from target node to source node.

FFS if other finer granularity of UE performance is feasible.

## TP

Work on the 38.423 TP to reflect the agreements for now:

* Enhance the Data Collection Reporting Initiation procedure and Data Collection Reporting procedure to enable requesting and reporting of the predicted radio resource status per slice and predicted slice available capacity over the Xn interface.
* Introduce Slice To Report List IE including PLMN ID and S-NSSAI in DATA COLLECTION REQUEST message.