3GPP TSG-RAN WG3 Meeting #124 R3-243862

**Fukuoka, Japan, 20-24 May, 2024**

Agenda Item: 12.2

Source: ZTE

Title: (TP to TR 38.799) on other issues

Document for: other

# 1 Introduction

This contribution is to provide TP to TR 38.799 on miscellaneous issues according to the following CB:

CB: # WAB

* Resolve the FFS captured above
* Converge on the TPs below, where agreements taken above will be captured. If any more agreements are taken, they can be included in the TPs below:
  + TP for Architecture (Nokia)
  + TP for Integration procedure (Huawei)
  + TP for Authorization (CATT)
  + TP for Mobility (Ericsson)
  + TP for miscellaneous issues (ZTE)
    - WAB configuration
    - Etc
* SA2 reply LS (Qualcomm)

(Moderator – Docomo)

Summary of offline disc in R3-243844

# Annex. TP for TR 38.799 V0.0.1

Start of Change

## 4.3 Operational aspects

Editor Note:

- Impact of WAB mobility within an existing RAN (e.g., inter-gNB neighbour relations).

- Inter-gNB- and gNB-to-CN signalling to address the support of WAB.

4.3.x IP address allocation for WAB-node

A WAB-MT may obtain IP address(es) as a normal UE. The WAB-MT may deliver the allocated IP address(es) to the co-located WAB-gNB, which can be used by the WAB-gNB for traffic exchange via the backhaul.

Alternatively, the WgNB may obtain dedicated IP address(es) from the operator’s OAM. In this case, separate IP addresses are used by the WAB-gNB and co-located WAB-MT. A tunnel (e.g., based on IPsec or L2TP) could be established to transfer the WAB traffic by implementation. If a tunnel is established, a gateway may be deployed to terminate the tunnel.

4.3.y TAC/RANAC (re-)configuration for WAB-gNB’s cell

The TAC/RANAC of WAB-gNB’s cell is configured by the OAM, and it can be reconfigured by the OAM during the mobility of WAB-node. The TAC/RANAC of the WAB-gNB’s cell may be same as or different than the TAC/RANAC of the co-located WAB-MT’s serving cell. The TAC/RANAC broadcasted by the WAB-gNB’s cell can be changed in order to reflect the WAB-node’s physical location.

### 4.3.z Resource multiplexing

Resource multiplexing for WAB node can be supported in case the access and the backhaul of the WAB-node are deployed in-band. Resource multiplexing mechanism for WAB node considers the R16/17 IAB resource multiplexing mechanism as baseline. To achieve the resource mltiplexing, the BH gNB needs to be aware of the co-location of a WAB-MT and WAB-gNB.

End of Change