3GPP TSG-RAN WG3 Meeting #125 R3-244660

Maastricht, NL, 19 - 23 Aug, 2024

**Title:** [draft] **Reply LS on the Realization of Network Slices for 5G Networks Using Current IP/MPLS Technologies**

**Response to: LS R3-244027 on "A Realization of Network Slices for 5G Networks Using Current IP/MPLS Technologies"**

**Release: Rel-18**

**Work Item: TEI18**

Source: Huawei [will be RAN3]

**To: IETF Traffic Engineering Architecture and Signaling Working Group (teas)**

**Cc: SA2, SA3, SA5**

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

**Attachments:** None

# 1 Overall description

RAN3 thanks IETF TEAS for the LS on "A Realization of Network Slices for 5G Networks Using Current IP/MPLS Technologies".

RAN3 would like to provide the following feedback.

* The transport layer implementation details, and the realization of Network Slices for 5G Networks via IP/MPLS are out of RAN3 scope. But RAN3 intends to highlight that RAN3 is responsible for user data transport protocols, e.g., as specified in the TS 38.414 for the NG interface.
* In Appendix B. 3 Radio Access Network (RAN), for the BBU/RU/Antenna components, there are no such definitions in RAN specifications. Also, for the F2 connecting between the RU and the DU in Figure 36 there is no such network interface and terminology described in RAN specifications. And the DU in the Figure is not aligned with the DU defined in RAN specification, where it is a logical node also holding PHY layer in addition to RLC and MAC layers as specified in TS 38.401.
* It is kindly suggested to refer to TS 38.300 as RAN architecture, and TS 38.401 as disaggregated RAN architecture to avoid further update after RAN further changes.

# 2 Actions

**To IETF TEAS:**

**ACTION:** RAN3 kindly asks IETF TEAS to take the above information into account.

# 3 Dates of next RAN3 meetings

Updated meeting schedule can be found at: <https://portal.3gpp.org/?tbid=373&SubTB=381#/>

RAN3#125bis 2024-10-14 - 2024-10-18 Hefei, China