**3GPP TSG-RAN WG3 Meeting #129 *R3-255798***

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**Agenda item:** 16.2

**Source:** Samsung

**Title:** (TP to BL CR for 38.401) Miscellaneous

**Document for:** Discussion and decision

# Introduction

This contribution provides TP to BLCR for 38.410 for AIoT.

# TP to BL CR for TS 38.401

### 6.2.1 Principle of handling Application Protocol Identities

For UE-associated signalling, an Application Protocol Identity (AP ID) is allocated when a new UE-associated logical connection is created in either an NG-RAN node or an AMF. An AP ID shall uniquely identify a logical connection associated to a UE over the NG interface or Xn interface within a node (NG-RAN node or AMF) or over the F1 interface or over the E1 interface or over the W1 interface. Upon receipt of a message that has a new AP ID from the sending node, the receiving node shall store the AP ID of the sending node for the duration of the logical connection. The receiving node shall assign the AP ID to be used to identify the logical connection associated to the UE and include it as well as the previously received new AP ID from the sending node, in the first returned message to the sending node. In all subsequent messages to and from sending node, both AP IDs of sending node and receiving node shall be included.

For MBS-associated logical connections of the E1 interface and the F1 interface the same principles for AP IDs apply as for UE-associated logical connections.

For A-IoT command operation related signalling, per A-IoT session (corresponding to an AIOTF identifier and a Correlation ID) and per A-IoT device, a RAN A-IoT Device NGAP ID to be used via the NG-C interface are introduced, as specified below.