**3GPP TSG-RAN3 Meeting #107-e *R3-201197***

**E-Meeting, 24 February – 6 March, 2020**

**Title:** Email discussion on WWC TP

**Source:** Huawei

**Agenda item:** 21.2

**Document for:** Discussion and decision

# 1. Introduction

The intention of this paper is to collect company views on WWC TPs

**CB: # 38\_Email038-WWC\_TPs**

**- Check TPs 0390,0391,0392,0393 (from both AIs 21.2.2 and 21.2.3)**

**- revise if needed; check details**

**- go for agreement**

(HW)

Summary of offline disc [R3-201197](file:///C%3A%5CUsers%5Ch00364927%5CDownloads%5CInbox%5CR3-201197.zip)

# 2. Discussion

The detailed proposals in TPs for trusted non-3GPP access network and wireline access are given as follows for reference:

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| --- |
| 21.2.2. Support for Interfacing Trusted non-3GPP Access Networks to the 5GC |
| [R3-200390](file:///C%3A%5CUsers%5Ch00364927%5CDownloads%5Cdocs%5CR3-200390.zip) | (TP for WWC BL CR for TS 29.413): Support for interfacing Trusted non-3GPP Access Networks to the 5GC (Huawei, Telecom Italia, BT, Broadcom) | otherProposal 1: The IE type for the TNGF ID and TWIF ID is Bit String. And a reference to TS 29.571 is added for TNAP ID and TWAP ID.Proposal 2: The TWIF identities parameter should be provided by the TWIF to the AMF in the Uplink NAS transport message. Proposal 3: The TNGF identities parameter should be provided by the TNGF to the AMF in the Uplink NAS transport message. Proposal 4: The user location information for the N5CW device should include the TWAP ID, IP address and Port number. |
| [R3-200391](file:///C%3A%5CUsers%5Ch00364927%5CDownloads%5Cdocs%5CR3-200391.zip) | (TP for WWC BL CR for TS 38.413): Support for interfacing Trusted non-3GPP Access Networks to the 5GC (Huawei, Telecom Italia, BT, Broadcom, CMCC) | other |
| 21.2.3. Support for Interfacing Wireline 5G Access Networks to the 5GC |
| [R3-200392](file:///C%3A%5CUsers%5Ch00364927%5CDownloads%5Cdocs%5CR3-200392.zip) | (TP for WWC BL CR for TS 29.413): Support for interfacing Wireline 5G Access Networks to the 5GC (Huawei, Telecom Italia, BT, Broadcom) | Proposal 1: The IE type for the W-AGF ID is defined as the BIT STRING. Proposal 2: The IE type for the RG-LWAC is defined as OCTET STRING, where the exact encoding can be left to other group. Proposal 3: The IE type for the Global Line Identifier in ULI is defined as OCTET STRING, where the exact encoding refers to TS 23.003.Proposal 4: The HFC Node ID is used as the User Location Information on Cable access.Proposal 5: Update the abbreviations for the WWC in the BL CR for TS 38.413. |
| [R3-200393](file:///C%3A%5CUsers%5Ch00364927%5CDownloads%5Cdocs%5CR3-200393.zip) | (TP for WWC BL CR for TS 38.413): Support for interfacing Wireline 5G Access Networks to the 5GC (Huawei, Telecom Italia, BT, Broadcom) | other |

# 3. Summary

These TPs are updated according to the comments received so far. The detailed update include as follows: .

For trusted non-3GPP access:

* In the TP for 29.413, change “TNAP ID, IP address and port number” to the TWIF User Location Information;
* In the TP for 38.413, change the “TNGF Identity List” to “TNGF Identity Information”, “TWIF Identity List” to “TWIF Identity Information”. And both refer to the new Identity Information IE. Also the ASN.1 is updated.

For wireline access

* In the TP for 29.413, change the “Global Line Identifier or the Global Cable Identifier” to *W-AGF User Location Information.*
* In the TP for 38.413, make the HFC node ID and GCI as a choice structure. Also the ASN.1 is updated.

Proposal: Agree the following TPs to support trusted non-3GPP and wireline access over NG

* R3-201253 (revised from R3-200390)
* R3-201254 (revised from R3-200391)
* R3-201255 (revised from R3-200392)
* R3-201256 (revised from R3-200393)