**[Draft]3GPP TSG-CT WG4 Meeting #101eC4-205478**

**E-meeting, 3rd Nov 2020 - 13th Nov 2020**

Title: LS on Support for L2TP

Release: Rel-16

Work Item: BEst Practice of PFCP (BEPoP)

Source: CT4

To: SA2

Cc: CT3, SA3

**Contact Person:**

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Attachments: - C4-20xxxx

**1. Overall Description:**

CT4 has discussed the contribution [C4-205234](https://www.3gpp.org/ftp/tsg_ct/WG4_protocollars_ex-CN4/TSGCT4_101e_meeting/Docs/C4-205234.zip) which proposes a key issue for WI BEPoP (BEst Practice of PFCP), to study the support of L2TP. L2TP is a legacy feature used in many operators' network and is still wildly used to support various use cases, e.g. by POS/ATM machine to establish secured connection with its server, by remote user to connect the enterprise private network. After CP/UP separation, it is difficult for the UP function to get necessary parameters (e.g. L2TP server address, username, password, etc.) to set up the L2TP tunnel to the third-party server (LNS).

Several companies expressed their support to introduce L2TP support in Rel-17 timeframe.

However, a few companies believe SA2 should be aware of the CT4 study and confirm potential stage 2 requirements for L2TP, if any, before CT4 can specify any protocol solution to stage 3 specification.

**2. Actions:**

**To SA2 group.**

**ACTION:** CT4 kindly requests SA2 to consider if there are enough time budget for the specifying L2TP related requirement within Rel-17, or consider delegating this stage 2 work to CT4 and only make a final check once it is done by CT4.

**To SA3 group.**

**ACTION:** CT4 kindly requests SA3 to provide any guideline for the security/authentication aspects of L2TP or to specify relevant requirements on the same if required.

**3. Date of Next CT4 Meetings:**

3GPP TSG CT4#102e 24th – 28th February 2021 e-meeting