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

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

Title: LS on Support of L2TP on SGi/N6 with Control and User Plane Separation

Release: Rel-17

Work Item: BEst Practice of PFCP (BEPoP)

Source: CT4

To: SA2

Cc: SA3, CT3

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Attachments: C4-205509

**1. Overall Description:**

CT4 has discussed the contribution [C4-205509](https://www.3gpp.org/ftp/tsg_ct/WG4_protocollars_ex-CN4/TSGCT4_101e_meeting/Docs/C4-205509.zip) which proposes a key issue for WI BEPoP (BEst Practice of PFCP), to study the support of L2TP tunnelling on SGi/N6 with Control and User Plane Separation. L2TP is a legacy feature used in many operators' network to support various use cases, e.g. for POS/ATM machine to establish a secured connection with its server, for a remote user to connect the enterprise private network. With CP and UP separation, it has not been specified how the CP function can provide the UP function with the necessary parameters (e.g. L2TP server address, username, password, etc.) to set up the L2TP tunnel to the third-party server (LNS), which results in proprietary implementations.

Several companies expressed their support to define the N4 extensions to support L2TP and CT4 agreed to study corresponding call flows and possible N4 extensions in their study item on BEPoP (BEst Practice of PFCP).

CT4 plans to come back to SA2 and SA3 before concluding this aspect of the study to receive potential feedback from SA2 and SA3 before CT4 starts any stage 3 work. It may also be considered then whether some requirements and/or call flows studied by CT4 may be captured in stage 2.

CT4 kindly requests SA2 to confirm whether they agree on CT4 studying N4 extensions for L2TP support and on the above process.

CT4 also plans to consult SA3 during the study to check security related matters.

**2. Actions:**

**To SA2 group.**

**ACTION:** CT4 kindly requests SA2 to confirm whether they agree on CT4 studying N4 extensions for L2TP support and on the proposed process.

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

3GPP TSG CT4#101e-bis 01/2021 E-Meeting

3GPP TSG CT4#102e 02/2021 E-Meeting