**3GPP TSG-CT WG4 Meeting #99eC4-204132**

**E-Meeting, 18th – 28th August 2020 *merged C4-204114***

**Source: CATT, ZTE**

**Title: Pseudo-CR on <** **Key Issue on** **Necessary functionality set of PFCP for different use cases >**

**Spec: 3GPP TR 29.820 v0.1.0**

**Agenda item: 6.1.3**

**Document for: Decision**

**1. Introduction**

PFCP could be applied in many different use cases; different use cases may need to apply different functionality sets of PFCP. This pCR proposes a key issue to study necessary functionality set of PFCP for different use cases.

**2. Reason for Change**

Add new Key Issue “Necessary functionality set of PFCP for different use cases” to 3GPP TR 29.820

**3. Conclusions**

<Conclusion part (optional)>

**4. Proposal**

It is proposed to agree the following changes to 3GPP TR 29.820 v0.1.0.

\* \* \* First Change \* \* \* \*

## 5.X Key Issue #X: Necessary functionality set of PFCP for different use cases

PFCP could be applied in many different use cases; some use cases may need to apply the full functionality set of PFCP, while some others only need to meet the minimum and/or certain specific functionality set. Therefore, the functionality sets under different use cases need to be studied to meet industry requirements such as minimization and customization. Also, it is useful to investigate existing functionalities and classify them into different categories, and in addition investigate the applicability of these feature categories based on which provide suggestion or guideline to operators for deploying various services, if possible.

This key issue shall study solutions for:

- Identify common and specific use cases for PFCP.

- Identify the criteria to classify functionalities into different categories and classify existing and future defined functionalities into different categories according to this criteria, based on which provide suggestion or guideline to operators for deploying various services, if possible;

- Identify the minimum necessary functionality set of PFCP for common use case.

- Identify the minimum necessary functionality set of PFCP for specific use case such as CIoT, V2X, URLLC, Vertical LAN, etc.

- Identify the specific functionality set of PFCP for specific use case such as CIoT, V2X, URLLC, Vertical LAN, etc.

\* \* \* End of Changes \* \* \* \*