**3GPP TSG-CT WG4 Meeting #99eC4-204131**

**E-Meeting, 18th – 28th August 2020**

**Source: CATT**

**Title: Pseudo-CR on <** **Key Issue on Interoperability issues caused by security and privacy needs of customers in vertical market >**

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

**Agenda item: 6.1.3**

**Document for: Decision**

**1. Introduction**

As described in Introduction in 3GPP TR 29.820, vertical market is one important use case of 5G, where UPF can be deployed locally on the customer side, while the SMF is centrally deployed on the operator side, therefore the interoperability between SMF and UPF is mandatory. This pCR proposes a key issue to study interoperability issues caused by security and privacy needs of customers in vertical market.

**2. Reason for Change**

Add new Key Issue “Interoperability issues caused by security and privacy needs of customers in vertical market” 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: Interoperability issues caused by security and privacy needs of customers in vertical market

As described in Introduction in 3GPP TR 29.820, vertical market is one important use case of 5G, where UPF can be deployed locally on the customer side, while the SMF is centrally deployed on the operator side, therefore the interoperability between SMF and UPF is mandatory. Customers may use certain mechanisms e.g. firewall, encryption, etc. to ensure the security and privacy of their data and service. Solutions for effective interoperability mechanism between CP and UP function(s) need to be identified.

This key issue shall study solutions to:

- Identify the mechanisms to ensure effective CP and UP interoperability when customer use security mechanisms e.g. firewall to protect their data and service.

- Identify the mechanisms to ensure effective CP and UP interoperability when customer use privacy mechanisms e.g. encryption to protect their data and service.

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