**3GPP TSG-CT4 Meeting #99-e C4-204xxx**

**E-meeting, 18th Aug 2020 - 28th Aug 2020** *Revision of C4-204029*

**Source: Huawei**

**Title: Pseudo-CR on Key issues - general**

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

**Agenda item: 6.1.3**

**Document for: Decision**

**1. Introduction**

Clause 4 Overall Requirements reads:

Besides the scenarios addressed by 3GPP TS 23.214 [2] and 3GPP TS 29.244 [3], the study shall especially take following scenarios into account:

- Scenario#1: multiple UP functions are controlled by one CP function, where the UP functions are from different vendors.

- Scenario#2: one UP function is controlled by multiple CP functions, where the CP functions are from different vendors.

- Scenario#3: multiple UP functions are controlled by a set of CP functions, where the UP functions are from different vendors and the CP functions are from same vendor.

- Scenario#4: multiple UP functions are controlled by a set of CP functions, where the UP functions are shared by several network slices.

- Scenario#5: the UP function(s) are deployed on the customer side while the CP function(s) are deployed on the operator side.

- Scenario#6: CP function and UP function are implemented/developed as virtualized/container based NF.

**2. Reason for Change**

A single solution should fit the deployments specified in scenarios #1-3. The purpose of the study is to identify any problems with these scenarios, but it is possible that no problems will be identified.

**3. Proposal**

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

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

# 5 Key Issues

## 5.x General

When the same operator controls CP and UP functions via O&M as described in the scenarios #1-3, current assumption is that stage 2 and stage 3 specifications basically provide for the interoperation between the standards compliant implementations of the CP and UP functions from different vendors in these scenarios. Below listed key issues identify use cases and scenarios for which the existing framework is not sufficient.

This clause describes the issues that have been identified regarding PFCP, e.g.:

- Interoperability issue caused by multiple options co-existence

- Widely used features not fully standardized

- ……

Each clause will describe one key issue

## 5.x Key Issue #1: <KI#1>

Description of <KI#1>

## 5.x Key Issue #2: <KI#2>

Description of <KI#2>

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