**3GPP TSG-CT WG4 Meeting #98eC4-203444**

**E-Meeting, 02nd – 12th June 2020**

**Source: China Mobile**

**Title: Pseudo-CR on Scope, References, Definitions of terms, symbols and abbreviations**

**Spec: 3GPP TR 29.8ab**

**Agenda item: 5.1**

**Document for: Decision**

**1. Introduction**

<Introduction part (optional)>

**2. Reason for Change**

Scope, References, Definitions of terms, symbols and abbreviations clauses are missing.

**3. Conclusions**

<Conclusion part (optional)>

**4. Proposal**

It is proposed to agree the following changes to 3GPP TR 29.8ab.

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

# 1 Scope

The present document identifies the scenarios where the PFCP interoperability needs to be further enhanced for existing function and specifies the corresponding requirements, identifies the key issues which impact the PFCP interoperability, analyses potential solutions to address the key issues.

PFCP used in 4G (e.g. on Sxa, Sxb, Sxc interfaces) and 5G (e.g. on N4, N16a interfaces) are both within scope of the study.

\* \* \* Next Change \* \* \* \*

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".[2] 3GPP TS 23.214: "Architecture enhancements for control and user plane separation of EPC nodes; Stage 2".

[3] 3GPP TS 29.244: "Interface between the Control Plane and the User Plane Nodes; Stage 3".

[4] 3GPP TS 23.502: "Procedures for the 5G System; Stage 2".

\* \* \* Next Change \* \* \* \*

# 3 Definitions of terms, symbols and abbreviations

\* \* \* Next Change \* \* \* \*

## 3.1 Terms

For the purposes of the present document, the terms given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**CP function**: A node with a Control Plane function (see 3GPP TS 23.214 [2] and 3GPP TS 23.502 [4]) supporting one or more PFCP entities. A Control Plane function, i.e. a Control Plane Node, is identified by the Node ID, that is set to either an FQDN or an IP address.

**UP function**: A node with a User Plane function (see 3GPP TS 23.214 [2] and 3GPP TS 23.502 [4]) supporting one or more PFCP entities. A User Plane function, i.e. a User Plane Node, is identified by the Node ID, that is set to either a FQDN or an IP address.

\* \* \* Next Change \* \* \* \*

## 3.2 Symbols

For the purposes of the present document, the following symbols apply:

\* \* \* Next Change \* \* \* \*

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

CP Control Plane

I-SMF Intermediate SMF

PFCP Packet Forwarding Control Protocol

SMF Session Management Function

UP User Plane

UPF User Plane Function

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