**3GPP TSG-CT WG4 Meeting #102-eC4-211521**

**E-Meeting, 24th Feb – 05th Mar 2021**

Title: LS on N3IWF FQDN for emergency service

Response to: -

Release: Rel-17

Work Item: TEI17

Source: CT4

To: SA2

Cc: CT1

**Contact Person:**

Name: Zhou Xingyue (Joy)

E-mail Address: zhou.xingyue@zte.com.cn

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

Attachments: None

**1. Overall Description:**

There is a remaining editor's note in TS 23.003: "*Editor's note: It is FFS whether N3IWF FQDN for emergency service is supported*", C4-211031 which is postponed proposes to remove this editor note directly since there is no additional requirement for an N3IWF to support emergency services comparing with an N3IWF for normal services.

However, it is found that the statements on selection of N3IWF for emergency services as quoted below in clause 6.3.6.4 of TS 23.501 are not clear:

"

*6.3.6.4 PLMN Selection for emergency services*

*UE initiates PLMN selection for emergency services when it detects a user request for emergency session and determines that untrusted non-3GPP access shall be used for the emergency access.*

*Unless the UE is attached to 5GC via an N3IWF or to EPC via an ePDG that has indicated support for the emergency services and is located in the same country the UE is currently located in, the UE deregisters from the 5G Core non-3GPP access or terminates the existing ePDG connection, if any, and performs PLMN selection for emergency services. Otherwise, the UE should reuse the existing N3IWF or ePDG connection.*

*PLMN selection for emergency services is performed as follows:*

*- The UE determines whether it is located in the home country or a visited country;*

*- If the UE is located in the home country, and the UE is equipped with a UICC, then the UE selects the PLMN for emergency services based on the configured Operator Identifier Emergency FQDN;*

*- If the UE is located in a visited country, the UE performs a DNS query using the Visited Country Emergency FQDN, as specified in TS 23.003 [19] to discover the regulatory requirements and to determine which PLMNs in the visited country support emergency services in non-3GPP access.*

*……*

"

CT4 would like to ask SA2:

Question 1): Which one does the highlighted "*Operator Identifier Emergency FQDN*" and "*Visited Country Emergency FQDN*" refer to?

a) emergency ePDG FQDN

b) either emergency ePDG FQDN or emergency N3IWF FQDN

Question 2): If the answer to Q1) is "b", why does emergency N3IWF FQDN need to be defined?

**2. Actions:**

**To SA WG2 group.**

**ACTION:** 3GPP CT4 kindly asks 3GPP SA2 to answer the questions above and consider to provide corresponding clarifications in clause 6.3.6.4 of TS 23.501.

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

3GPP TSG CT4#103e 04/2021 E-Meeting

3GPP TSG CT4#104e 05/2021 E-Meeting