**3GPP TSG-CT WG4 Meeting #101eC4-205xyz**

**E-Meeting, 03rd – 13th November 2020**

Title: [Draft] Alignment of API Versioning System with Semantic Versioning

Response to: -

Release: Rel-17

Work Item: -

Source: CT4

To: SA5, CT3

Cc:

**Contact Person:**

Name: Jesus de Gregorio

Tel. Number: +34646004863

E-mail Address: jesus.de.gregorio@ericsson.com

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

Attachments: C4-205249

**1. Overall Description:**

At CT4#101e meeting, CT4 agreed the attached CR#0094 to 3GPP TS 29.501, related to the API versioning system used by the 5GC SBA APIs.

This change is motivated after CT4 became aware of several misalignments between the versioning system described in 3GPP TS 29.501 and the syntax (ABNF) defined in the Semantic Versioning Specification (https://semver.org).

In short, the change affects 3GPP WGs mainly in the naming of the pre-release versions, which should follow the syntax:

"x.y.z**-**alpha**.*n***"

with <n> being an integer incremented after each API increment during the pre-release phase.

Note that the current syntax in 3GPP TS 29.501 differs from this new syntax in the placement of the "**-**" and "**.**" characters.

**2. Actions:**

**To CT3 and SA5 groups.**

**ACTION:** CT4 asks CT3 and SA5 groups to take into account the agreed changes in the attached CR and apply them during the development of SBA APIs from Release-17 onwards.

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

3GPP TSG CT4#101e-bis 01/2021 E-Meeting

3GPP TSG CT4#102e 02/2021 E-Meeting