**3GPP TSG-CT3 Meeting # C3-220324**

**E-Meeting, 17th – 21th January 2022**

**Source: China Mobile**

**Title: Pseudo-CR on API sections of Common information**

**Spec: 3GPP TS 29.538 v0.2.0**

**Agenda item: 17.34**

**Document for: Approval**

**1. Introduction**

This pCR is to propose section of general description, URI structure and Conventions for Open API specification files for Common information applicable to several APIs.

**2. Reason for Change**

Contribute new text.

**3. Conclusions**

<Conclusion part (optional)>

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.538 v0.2.0.

\* \* \* First 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 23.554: "Application architecture for MSGin5G Service".

[3] 3GPP TS 22.262: "Message Service within the 5G System".

[4] 3GPP TS 29.500: "5G System; Technical Realization of Service Based Architecture; Stage 3".

[5] 3GPP TS 29.571: "5G System; Common Data Types for Service Based Interfaces Stage 3".

[6] OpenAPI: "OpenAPI Specification Version 3.0.0", <https://spec.openapis.org/oas/v3.0.0>.

[X] 3GPP TS 29.501: "5G System; Principles and Guidelines for Services Definition; Stage 3".

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

## 7.1 General

MSGin5G APIs allow secure access to the capabilities provided by the MSGin5G.

This document specifies the procedures triggered at different functional entities as a result of API invocation requests and event notifications. The stage-2 level requirements and signalling flows are defined in 3GPP TS 23.554 [2].

Several design aspects, as mentioned in the following clauses, are specified in 3GPP TS 29.500 [4] and referenced by this specification.

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

### 7.5.1 Resource URI structure

The resource URI structure of all the APIs specified in this document shall be as specified in clause 5.2.4 of 3GPP TS 29.501 [X].

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

### 7.5.2 Custom operations URI structure

The custom operation definition is in Annex C of 3GPP TS 29.501 [X].

The URI of a custom operation which is associated with a resource shall have the following structure:

**{apiRoot}/<apiName>/<apiVersion>/<apiSpecificResourceUriPart>/<custOpName>**

Custom operations can also be associated with the service instead of a resource. The URI of a custom operation which is not associated with a resource shall have the following structure:

**{apiRoot}/<apiName>/<apiVersion>/<custOpName>**

In the above URI structures, "apiRoot", "apiName", "apiVersion" and "apiSpecificResourceUriPart" are as defined in subclause 7.5.1 and "custOpName" represents the name of the custom operation as defined in subclause 5.1.3.2 of 3GPP TS 29.501 [X].

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

## 7.10 Conventions for Open API specification files

The conventions for Open API specification files as specified in subclause 5.3 of 3GPP TS 29.501 [X] shall be applicable for all APIs in this document.

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