**3GPP TSG-CT WG1 Meeting #134-eC1-221658 rev1**

**E-Meeting, 17th – 25th February 2022**

**Source: China Mobile**

**Title: pCR on Messaging Procedures on Constrained device over MSGin5G-6**

**Spec: 3GPP TS 24.538 v0.3.0**

**Agenda item: 17.2.30**

**Document for: Agreement**

**1. Introduction**

This pCR is to propose the Messaging Procedures on Constrained device over MSGin5G-6.

**2. Reason for Change**

The constrained devices may communicate with the MSGin5G Server over either MSGin5G-5 or MSGin5G-6 reference point:

* over the MSGin5G-5 interface between the Application Client on the constrained device and the MSGin5G Client on the MSGin5G Relay UE; or
* over the MSGin5G-6 interface between the MSGin5G Client on the constrained device and the MSGin5G Client of the MSGin5G Relay UE.

This pCR proposes the procedures for receiving a message to Constrained device on the MSGin5G Relay UE when MSGin5G-6 reference point is used. As agreed in CC on Feb.28 2022, CoAP is also used in MSGn5G-6 reference point and the whole CoAP message will not be changed on MSGin5G Relay UE.

**3. Conclusions**

<Conclusion part (optional)>

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 24.538 v0.3.0.

**\*\*\*\*\*\*\***

**Formatting instructions (remove this section after drafting a pCR)**

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Table x: This is a caption for a table, which uses 'TH' style from '3gpp\_70.dot' template.

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Styles in 3GPP Specifications

|  |  |
| --- | --- |
| Use this style | For this type of element |
| **Heading 1** | Clause (→ if numbered) |
| **Heading n** | Subclause level n In exceptional cases, for level 6 or beyond, use **Heading 5** if required in contents list or **H6** if not to appear. → |
| **Heading 8** | Annex title for TS |
| **Heading 9** | Annex title for TR |
| **Normal** | Standard paragraph, Definition |
| **EX** | Reference, Example → |
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| **FP** | Free paragraph (left justified) |
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| **NF** | Note in figure → |
| **TAN** | Note in table → |
| **TH** | Table title, Figures |
| **TAH** | Heading within table |
| **TAC** | Centred text within table |
| **TAL** | Left justified text within table |
| **TAR** | Right justified text within table |
| **TF** | Figure title |
| **TT** | Contents list title |
| **PL** | Programming language |
| **EQ** | Equation |
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| → use "tab" between "item/number" and "text".  EXAMPLE: The "tab" is preceding this example text. | |

**Please do not create new styles!**

**\*\*\*\*\*\*\***

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

### 6.4.2 Message delivery for Constrained device

#### 6.4.2.x Procedure at MSGin5G Client in Constrained device

##### 6.4.2.x.1 Sending of an MSGin5G message

In order to send an MSGin5G message or MSGin5G message delivery status report, the MSGin5G Client shall use the procedures specified in clause 6.4.1.1.2, 6.4.1.1.3, 6.4.1.1.4 and 6.4.1.1.5.

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

##### 6.4.2.x.2 Reception of an MSGin5G message

Upon receiving an CoAP POST request and the recipient’s address included in the CoAP Option is set to the MSGin5G Client itself, the MSGin5G Client shall handle the CoAP Post request as specified in clause 6.4.1.1.6, 6.4.1.1.7, 6.4.1.1.8 and 6.4.1.1.9,

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

<Proposed change in revision marks>

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