**3GPP TSG CT WG3 Meeting #130 C3-234439**

**Xiamen China, 09th - 13th October, 2023 (C3-234093)**

**3GPP TSG CT WG4 Meeting #118 C4-234419**

**Xiamen China, 09th - 13th October, 2023 (C4-234225)**

**Source: China Telecom**

**Title: Revised WID on CT aspects on TEI18\_DCAMP\_Ph2**

**Document For: Approval**

**Agenda Item: 18.1.2**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

Title: CT aspects on Dynamically Changing AM Policies in the 5GC Phase 2

Acronym: TEI18\_DCAMP\_Ph2

Unique identifier: 990005

Potential target Release: Rel-18

# 1 Impacts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Affects: | UICC apps | ME | AN | CN | Others (specify) |
| Yes |  |  |  | X |  |
| No | X | X | X |  | X |
| Don't know |  |  |  |  |  |

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

|  |  |
| --- | --- |
|  | Study  |
|  | Normative – Stage 1 |
|  | Normative – Stage 2 |
| X | Normative – Stage 3 |
|  | Normative – Other\* |

**\* Other = e.g. testing**

## 2.2 Parent Work Item

For a brand-new topic, use “N/A” in the table below. Otherwise indicate the parent Work Item.

|  |
| --- |
| Parent Work / Study Items  |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
| TEI18\_DCAMP\_Ph2 | SA2 | 970017 | Dynamically Changing AM Policies in the 5GC Phase 2 |

### 2.3 Other related Work Items and dependencies

|  |
| --- |
| Other related Work /Study Items (if any) |
| Unique ID | Title | Nature of relationship |
|  |  |  |

**Dependency on non-3GPP (draft) specification:**

# 3 Justification

Some potential enhancements on AM policy are identified based on the Rel-17 SA2 issues and requirements:

* The solution for DCAMP in Rel-17 is only applicable to non-roaming scenario. In order to support AF's requirement to be applied to roaming UEs, e.g. in LBO scenario where PCF for UE and the PCF for PDU session belong to VPLMN, enhancement on the current mechanism of dynamically changing AM policies for AF's request is needed.

The stage 2 has agreed work item " Dynamically Changing AM Policies in the 5GC Phase 2" (TEI18\_DCAMP\_Ph2) to meet the requirements above.

Hence the CT WGs need to complete the corresponding normative work in stage 3 with following aspect:

* The support of providing dynamically changing of AM policy for any roaming UEs in LBO roaming scenario.

# 4 Objective

The objective of this work item is to specify the following stage 3 procedures and will be started after the normative work is available in stage 2:

CT3:

* Update the description of AF-triggered dynamically changing AM policies to be supported in LBO roaming scenario.
* Impacts on AM influence information of Application Data in LBO roaming scenario.
* Impacts on AMInfluence to support DCAMP in LBO roaming scenario.

CT4:

* Add new feature to indicate support of DCAMP in LBO roaming scenario.

# 5 Expected Output and Time scale

|  |
| --- |
| New specifications {One line per specification. Create/delete lines as needed} |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |
|  |  |  |  |  |  |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| 29.513 | Update the description of AF-triggered dynamically changing AM policies to be supported in LBO roaming scenario. | CT#101 (September 2023) | CT3 responsibility |
| 29.519 | Updates to support DCAMP in LBO roaming scenario. | CT#101 (September 2023) | CT3 responsibility |
| 29.522 | Updates to support DCAMP in LBO roaming scenario. | CT#101 (September 2023) | CT3 responsibility |
| 29.504 | Add new feature to indicate support of DCAMP in LBO roaming scenario. | CT#101 (September 2023) | CT4 responsibility |

# 6 Work item Rapporteur(s)

SUN, Yue, China Telecom, suny20@chinatelecom.cn

# 7 Work item leadership

CT3

# 8 Aspects that involve other WGs

None

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| China Telecom |
| CATT |
| ZTE |
| Huawei |
|  |
|  |
|  |
|  |