**3GPP TSG-CT WG6 Meeting #111edraftC6-220253**

**E-Meeting, 17th – 20th May 2022**

**Source: Thales**

**Title: New WID on UEConTest – for Rel16**

**Document for: Approval**

**Agenda Item: 7.13**

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: UE Conformance Test Aspects – Release 16

Acronym: UEConTest\_R16

Unique identifier: xxxxxx

Potential target Release: *Rel-16*

# 1 Impacts

{For Normative work, identify the anticipated impacts. For a Study, identify the scope of the study}

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

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

|  |  |
| --- | --- |
| X | Feature |
|  | Building Block |
|  | *Work Task* |
|  | Study Item |

## 2.2 Parent Work Item

|  |  |  |  |
| --- | --- | --- | --- |
| Parent Work / Study Items | | | |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
| 750025 |  | 750025 | CT aspects on 5G System - Phase 1 |

### 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:**

N/A

# 3 Justification

CT6 will complete the work on WI - CT aspects for Rel-16

This work item is to fulfil the work task for ME Conformance testing for 5G-NR requirements defined for Rel-16.

# 4 Objective

The technical objective of this work item is to provide ME conformance test specifications for 5G-NR requirements in Rel-16. The WI will cover the following conformance testing areas:

* Non-IMSI based SUPI Type (NSI, GCI or GLI)
  + Dedicated AID for USIM Applications with non-IMSI based SUPI Type
  + Either IMSI or NSI requirement coming from SA3 (S3-194455)
  + EFAD MNC zero length
* Handling subscription identifier privacy for SUPI Type NSI, GCI or GLI
  + UE identification after SUPI is changed
  + SUCI computation, null-scheme/Profile A/Profile B
    - by ME
    - by USIM
* URSP storage in USIM
* 5G Security Parameters extension
  + Separate KSEAF for non-3GPP access on the USIM
* Storage of 5GMM information in USIM
  + SOR counter and a UE parameter update counter
* Configuration in USIM
  + PS Data Off list for home and roaming
  + MuD and MiD services
  + RLOS allowed MCC list
  + V2X in 5GS
* Trusted non-3GPP access networks
  + Trusted non-3GPP access networks list by USIM
  + SUPI Type GLI and GCI
* NAS security context storage in multiple registration
* USAT evolution
  + Network Measurement Results for NG-RAN USAT information
  + PROVIDE LOCAL INFORMATION to get Slice(s) information
* Timing Advance for NG-RAN

# 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 |
| TS | 31.121 | Universal Subscriber Identity Module (USIM)  application test specification | CT#100 | CT#101 | Marquordt, Arne, Comprion, [AMarquordt@comprion.com](mailto:AMarquordt@comprion.com) |
| TS | 31.124 | Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification | CT#100 | CT#101 | Marquordt, Arne, Comprion, [AMarquordt@comprion.com](mailto:AMarquordt@comprion.com) |

|  |  |  |  |
| --- | --- | --- | --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} | | | |
| TS/TR No. | Description of change | Target completion plenary# | Remarks |
| TS 31.121 | Test cases to cover new Release 16 features | CT#100 |  |
| TS 31.124 | Test cases to cover new Release 16 features | CT#100 |  |

# 6 Work item Rapporteur(s)

COLLET, Hervé, Thales, [herve.collet@thalesgroup.com](mailto:herve.collet@thalesgroup.com)

# 7 Work item leadership

CT6

# 8 Aspects that involve other WGs

None

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Thales |
| Comprion |
| Apple |
| STMicroelectronics International |
| G+D |