**3GPP TSG-SA3 Meeting #115 *draft\_S3-240951-r1***

**Athens, Greece, 26th February - 1st March 2024** **(revision of S3-240529)**

**Source: Huawei, HiSilicon**

**Title: New WID on SCAS for Rel-19**

**Document for: agreement**

**Agenda Item: 6**

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: Security Assurance Specification for 5G Phase 4

Acronym: SCAS\_5G\_Maint

Unique identifier:

Potential target Release: Rel-19

# 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 |  |  |  |  |  |
| 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 |
|  | Normative – Stage 3 |
| X | 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) |
| N/A | N/A | N/A | N/A |

### 2.3 Other related Work Items and dependencies

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

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

# 3 Justification

GSMA is now preparing the PAS procedure to for standardizing the NESASG document. As part of NESAS scheme, evaluation of SCAS specification has been evaluating since half years ago, SA3 has addressed a lot, but more will come. Besides of NESAS, SCAS specification need to be updated based on the feedback from testing lab and venders. Since the timeline of 3GPP have been shifting to R-19 timeline, we propose to create a work item to continue the work in R-19. Observe that SA3 is now accustomed to doing this SCAS maintenance work regularly in every release under an umbrella WI as the one proposed here. This is to ensure up-to-date and complete SCAS specifications for the 3GPP systems.

# 4 Objective

The aim of this work is to update the security assurance related specifications in order to cover the 5G Release features. More specifically, the objectives are to:

* identify missing threats and critical assets in 3GPP TR 33.926,
* identify specific security functional requirements and related test cases in the 5G SCAS documents,
* adopt corrections or potential new security assurance requirements identified during the course of testing and specification evaluation by other groups, and
* align with GSMA NESAS specifications should there be such a need.

This work item assumes that the SCAS will be independent of whether the NF is based or not based on virtualization architecture.

NOTE: The SCAS(es) for new NF(s) are to be covered in new specific SCAS WID(s).

## TU estimates and dependencies

|  |  |
| --- | --- |
| TU Estimate(Normative) | Other 3GPP Group Dependency(Yes/No/Maybe) |
| 2  | No |

Total TU estimates: 2 TUs

# 5 Expected Output and Time scale

|  |
| --- |
| New specifications  |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |
|  NA |  NA |  NA |  NA |  NA |  NA |
|  |  |  |  |  |  |

|  |
| --- |
| Impacted existing TS/TR |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| TR 33.916TR 33.926 | Update of the threats and critical assets identified from 3GPP features and features from best practice  | *SA#107*March, 2025 |  |
| TS 33.117, TS 33.511, TS 33.512, TS 33.513, TS 33.514, TS 33.515, TS 33.516, TS 33.517, TS 33.518,TS 33.519,TS 33.520,TS 33.521,TS 33.522,TS 33.523,TS 33.326TS 33.526TS 33.527TS 33.528TS 33.529TS 33.530TS 33.537 | New security test cases for 3GPP features and features from best practice, and the potential test case enhancement based on the feedback from test labs, authorities, etc. | *SA#107*March, 2025 |  |

# 6 Work item Rapporteur(s)

TBD

# 7 Work item leadership

SA3

# 8 Aspects that involve other WGs

NA

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Huawei |
| HiSilicon |
| China Unicom |
| China Telecom |
| China Mobile |
|  |
|  |
|  |
|  |
|  |