**SA WG2 Meeting #163 S2-2406287**

**27 May – 31 May, 2024, Jeju, Korea**

**Source: InterDigital Inc. (Rapporteur)**

**Title: Cover sheet for presentation of TR 23.700-32 to TSG-SA#104 for approval**

**Document for: Approval**

**Agenda Item: 30.3**

**Work Item / Release: FS\_UIA\_ARC/ Rel-19**

*Abstract of the contribution:* *This contribution proposes the TR 23.700-32 to be sent to TSG-SA#104 for information.*

3GPP TSG-SA Meeting #104 SP-24xxxx

Shanghai, China, June 18-21, 2024

**Title: Presentation of Specification to TSG:**

**TR 23.700-32, Version 0.4.0**

**Source: [DRAFT] to be TSG SA WG2**

**Document for: Approval**

**Abstract of document:**

The technical report includes key issue descriptions, solutions, and conclusions on User Identities and Authentication Architecture. The following key issues are covered in the technical report:

* Key Issues #1: Support for identifying the human user of a subscription.
* Key Issues #2: Support for Authentication and Authorization of Users and Restrictions on Users.
* Key Issues #3: Support for Exposure of User Identity Profile Information.
* Key Issues #4: Support for Identifying non-3GPP Devices Connecting behind a UE or 5G-RG.

NOTE: Key Issues #2 and Key Issue #3 depend on Key Issue #1.

**Changes since last presentation to SA:**

This is the first presentation to TSG SA.

The TR includes solutions for all key issues.

The TR includes interim conclusion test for key issue #1 and key issue #3.

The TR includes a key issue #4 conclusion.

The TR is considered 90% complete.

**Outstanding Issues:**

The following topics need to be concluded in next working group meeting:

* Key Issues #1: Support for identifying the human user of a subscription.
* Key Issues #2: Support for Authentication and Authorization of Users and Restrictions on Users.
* Key Issues #3: Support for Exposure of User Identity Profile Information.

NOTE: Key Issues #2 and Key Issue #3 depend on Key Issue #1.

**Contentious Issues:**

How to handle the case when the UE moves between 4G and 5G. An LS has been sent to SA WG1 to ask about requirements on this scenario (S2-2407219).

Whether the HPLMN will be able to trust the user identifier and credentials. An LS has been sent to SA WG3 to ask about requirements on this scenario (S2-2407236).

Roaming scenarios.