**3GPP TSG-SA3 Meeting #124 S3-253776-r5**

**Wuhan, China, 13 – 17 October 2025** (merger of S3-253614,S3-253395,S3-253225,S3-253419,S3-253641,S3-253641,S3-253304,S3-253493,S3-253549,S3-253295, S3-253649)

**Source: Samsung, Xiaomi, Apple, Huawei, Vivo, Ericsson, ZTE, Interdigital, Nokia, CableLabs**

**Title: Pseudo-CR on Security area Authentication and Authorization**

**Document for: Approval**

**Agenda item: 5.3.1**

**Spec: 3GPP TR 33.801-01**

**Version: V0.1.0**

**Work Item: FS\_6G\_SEC**

**Comments**

This contribution proposes a new security area, Authentication and Authorization in the 6G Security TR 33.801-01.

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

# 4 Security areas and high level security requirements

## 4.1 Security areas

X) Authentication and Authorization: This security area will study the key issues relating to the different aspects the authentication and authorization and related privacy aspects (e.g. subscriber privacy) for UEs accessing 6G network in both 3GPP and non-3GPP accesses.

\* \* \* End of First Change\* \* \* \*

\* \*

\* \* \* 2nd Change\* \* \* \*

# 5 Key issues and solutions

## 5.x Security area #x: Subscriber Authentication and Authorization including Non-3GPP access

### 5.x.1 Introduction

This security area includes the following security aspects related to authentication and authorization between the UE and the 6GS including non-3GPP access (e.g., Wi-Fi, wireline):

* Primary authentication including key agreement and authorization between the UE and the 6GS.

Editor’s note: Other types of authentication is ffs (eg secondary authentication, slice specific authentication, etc)

* Re-authentication between the UE and the 6GS in different conditions of mobility.
* Privacy aspects such as subscriber privacy.
* Long term credentials storage and processing
* Untrusted non-3gpp access for UE and different device types with variable capabilities, where focus is on simplifying the security procedures.
* Non-Seamless WLAN Offload (NSWO) which provides access authentication based on 3GPP credentials.
* Multi-access data connectivity (e.g. traffic steering, switching and splitting) between 3GPP access and untrusted non-3GPP access.

\* \* \* End of 3rd Change\* \* \* \*