**3GPP TSG-SA3 Meeting #116 *S3-242610***

Jeju, South Korea, 20th - 24th May 2024

**Source: Huawei, HiSilicon**

**Title: New solution to address KI#2**

**Document for: approval**

**Agenda Item: 5.10**

# 1 Decision/action requested

***Propose to capture this solution in TR*** ***33.700-32.***

# 2 References

NA

# 3 Rationale

Propose a new solution to address KI#2.

# 4 Detailed proposal

\*\*\*\*\*Start of Change \*\*\*\*\*

## 5.X Solution #X: privacy protection for user ID over the air

### 5.X.1 Introduction

This solution addresses key issue #2: "User privacy". The solution focuses on privacy protection over the air. This solution does not cover the privacy issue for non-3GPP devices behind one gateway UE or 5G-RG.

### 5.X.2 Details

The user ID sent over the air from the UE to the AMF is protected by NAS security. The user ID can be added to a NAS message when the NAS security is activated, e.g. in the ciphered part of the Registration Request message.

### 5.X.3 Evaluation

TBD

Editor’s Note: It is ffs how to address mobility scenarios.

\*\*\*\*\*The End\*\*\*\*\*