**3GPP TSG-SA3 Meeting #104-e ad-hoc *draft\_S3-213346-r4***

**e-meeting, 27 – 30 September 2021** Revision of S3-213346

**Source: Nokia, Nokia Shanghai Bell, AT&T, Qualcomm Incorporated, Lenovo, Motorola Mobility, Huawei, HiSilicon, Samsung, Ericsson, Intel corporation**

**Title: Conclusion for key issue#1**

**Document for: Approval**

**Agenda Item: 5.10**

# 1 Decision/action requested

***SA3 is kindly requested to approve the proposed conclusion for key issue #1 of TR 33.881.***

# 2 References

[1] TR 33.881

# 3 Rationale

This contribution proposes to add conclusion for Key Issue #1. Few advantages of solution#1 are listed below.

* Maintains the function of the AUSF as the primary EAP Authentication Server (inline with existing TS 33.501 clause 6.1.1.2).
* Introduces a new 5GC Network Function and interface that will be forward compatible with the 5GC.
* 5G NSWO can be deployed without any dependency with 4GC.

# 4 Detailed proposal

\*\*\*\*\*\*\*\*\*\*\*\*\* START OF CHANGES\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# 7 Conclusions

# 7.1.1 Conclusion for key issue #1

Solution#1 is selected as the basis for the normative work of key issue#1 “Support of EAP-AKA’ authentication for NSWO” with the main charactetistics as follows

- The WLAN access is connected to a new NSWO NF which acts as a proxy of NSWO authentication requests towards the 5GS.

- The UE makes use of a SUCI which is deconcealed by the 5GS in the UDM/SIDF.

NOTE: Aspects related to co-existence with 4G NSWO deployments, support of EPS interworking and support of pre-Rel17 UEs have not been considered for the conclusions output of this TR.

\*\*\*\*\*\*\*\*\*\*\*\*\*\* END OF CHANGES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*