**3GPP TSG-SA3 Meeting #108e *draft\_S3-221844-r1***

**e-meeting, 22 - 26 August 2022**

**Source: Nokia, Nokia Shanghai Bell**

**Title: Scope update**

**Document for: Approval**

**Agenda Item: 5.24**

# 1 Decision/action requested

***Scope update.***

# 2 References

[1] 3GPP TS 33.875

# 3 Rationale

*Editorial correction to consider the additional key issues agreed for the study in Rel-18.*

# 4 Detailed proposal

\*\*\*\*\*\*\*\*\*\* START OF CHANGE

# 1 Scope

The present document studies enhanced security aspects of the 5G Service Based Architecture. It will analyse potential threats, study necessary security enhancements, and document decisions of solutions to be adopted or not adopted after evaluating the risks versus the complexity.

In particular, the following topics are addressed:

- Need and mechanism of enabling end to end authentication in roaming case if no cross-certification between operators is enabled;

- Need and mechanism of enabling NF Service Consumer authentication of NRF and the NF Service Producer;

- Need for addressing potential security impact of different deployment scenarios including the several SCPs;

- Verification of URI in subscription/notification;

- Dynamic authorization between SCPs or NF and SCP;

- End-to-End Critical HTTP headers/body parts integrity protection;

- Security of NRF service management;

- N32 roaming security considerations for deployment scenarios including roaming hub and hosted SEPP.

\*\*\*\*\*\*\*\*\*\* END OF CHANGE