**3GPP TSG-SA3 Meeting #115AdHoc-e *S3-241151r4***

Electronic meeting, online, 15 - 19 April 2024

**Merger of S31112, 1164, 1264, 1303, 1354, 1399**

**Source: Interdigital,OPPO, vivo?, ZTE?, Huawei?, Apple?,CATT?**

**Title: General Security Requirement for TR 33.713**

**Document for: Approval**

**Agenda Item: 5.9**

# 1 Decision/action requested

***Approve the pCR to TR 33.713***

# 2 References

[1] 3GPP TS 22.369

[2] 3GPP TR 23.700-13

# 3 Rationale

This contribution proposes general authentication security requirements addressing AIoT security

# 4 Detailed proposal

\*\*\* Start of 1st Change \*\*\*

## 4.X General Security Requirements

### 4.X.1 Authentication Requirements

### The 5G System shall run mutual authentication between the AIoT device and the 3GPP network.

If the associated application function is not part of the 5G System, traffic sent from an AIoT device to the 3rd party application function and in the opposite direction may require security, and hence, mutual autehntication between the AIoT device and application function shall be required.

Editor’s Note: Aspects related to authentication between the application function and AIoT device are ffs.

Eiditor’s Note: Credentials (e.g., keys distributed by a key distribution center) used for authentication between application function and AIoT device are ffs.

\*\*\* End of 1st Change \*\*\*