**3GPP TSG-SA3 Meeting #123 S3-252998r1**

Goteborg, Sweden, 25 – 29 August 2025 merger of 887, 609, 659, 844 and 856

**Source: China Mobile**

**Title: Update clause 4.2.3 Requirements on the ADM of TS 33.369**

**Document for: Approval**

**Agenda item: 4.1.1**

**Spec: 3GPP TS 33.369**

**Version: 0.2.0**

**Work Item: AmbientIoT\_Sec**

**Comments**

This contribution proposes to update the Requirements on the ADM for TS 33.369 based on LS from SA plenary.

**Proposed Changes**

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

### 4.2.3 Requirements on the ADM

For network layer authentication between AIoT device and 5G core, credentials shall be securely stored in the ADM. In case of SNPN, AIoT device credential can be stored in the credential holder instead of ADM.

Note: Security mechanisms for storage of AIoT device credentials in the ADM are left to implementation.

Ambient IoT device shall support the authentication procedure defined in Clause 5.2.

The ADM shall be able to generate the KIoTF keys for command protection.

For network layer authentication between AIoT device and 5G core, ADM shall generate random numbers.

For network layer authentication between AIoT device and 5G core, ADM shall derive RES.

The ADM shall be able to generate the KIoTF keys for command protection.

\* \* \* End of Changes \* \* \* \*