**3GPP TSG-CT Meeting #109CP-252116**

Beijing, P.R. China; 15th – 16th September 2025

**Title: Presentation of Specification to TSG
TS 24.369, Version 1.0.0**

**Source: CT1**

**Agenda item: 20.2**

**Release: Rel-19**

**Work Item: AmbientIoT-CT (UID 1080021)**

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**Document for: Information**

**Abstract of document:**

New IoT technology, Ambient IoT (AIoT) aims at significantly reducing both the complexity and the power consumption of the AIoT devices. 3GPP TS 22.369 specifies service and performance requirements for the AIoT.

The objectives of the new CT1 specification, the 3GPP TS 24.369 are as follows:

a) specifying new AIoT NAS protocol to support transport of signalling and AIoT data between AIoT device and AIOTF; and

b) specifying AIoT NAS mechanisms to support AIoT security, e.g., privacy of AIoT device identifiers and authentication between AIoT device and 5G core.

**Changes since last presentation to TSG CT Meeting #109:**

The first presentation of the TS 24.369 to TSG CT.

**Outstanding Issues:**

CT1 needs to complete normative work for the following topics:

- AIoT NAS message definitions;

- AIoT NAS security aspects;

- AIoT NAS non-accepted/abnormal/command not supported cases and cause value definitions.

The outstanding issues are expected to be closed by December 2025 for the TSG CT Meeting #110.

**Contentious Issues:**

None.

Change history of this document:

1999-11-17: original issue

2007-09-06: removal of references to Working Groups; bring names of TSGs up to date; correction of typo

2015-01-06: adds tdoc header & removes redundant information below

2024-11-23: aligns RAN and SA/CT templates by adding information to the header