**3GPP TSG-SA3 Meeting #116 *S3-242533r2***

Jeju, Korea, 20 - 24 May 2024. Revision of S3-241888

**Title: [draft] Assumptions on Ambient IoT devices**

**Response to: N/A**

**Release: Rel-19**

**Work Item: FS\_AIoT\_SEC**

**Source: SA3**

**To: RAN2, SA2, SA1**

**Cc: N/A**

**Contact person: Ivy Guo**

 **ivy\_guo@apple.com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:**

# 1 Overall description

SA3 has agreed the work on security of Ambient IoT.

However, the work in SA3 is not progressing, as there is no common understanding of the Ambient IoT system, which impacts the security requirements, solution design and the conclusions for the study. Therefore, SA3 kindly requests clarifications for below questions from SA1, SA2 and RAN2:

1.

The AIoT system consists of various entities: AIOT device, reader, operator owning the spectrum and application service. In addition there is the device manufacturer and the service provider responsible for the managing the devices. SA3 would like to understand which of those entities are expected to be in the same trust domain.

In addition, SA3 would like to understand what the onboarding process for a new AIOT device would work from a business perspective.

# 2 Actions

**To RAN2, SA1 and SA2:**

**ACTION:** SA3 kindly asks 3GPP RAN2, SA2 and SA1 to provide feedback on above questions.

# 3 Dates of next TSG SA WG 3 meetings

SA3#117 19-23 August 2024 Maastricht, NL

SA3#118 14-18 October 2024 TBD, India