**SA WG2 Meeting #166 S2-2412549**

**Orlando, USA, November 18 – 22, 2024 (revision of S2-2412505)**

**Source: ZTE, NEC**

**Title: Add Conclusion on UE Reader in Topology 2**

**Document for: Approval**

**Agenda Item: 19.14.1**

**Work Item / Release: FS\_AmbientIoT / Rel-19**

*Abstract of the contribution: Add interim conclusion on UE Reader in Topology 2.*

# 1. Discussion

The paper is proposed to add interim conclusion on UE Reader in Topology 2:

UE Reader should be authorized to act as an AIoT Reader before handling AIoT service operations. AMF will authorize the UE Reader based on subscription data of the UE and operator’s policy.

# 2. Proposal

It is proposed to capture the following changes into TR 23.700-13.

**\* \* \* \* Start of Changes \* \* \* \***

#### 8.1.3.X Conclusion for UE Reader authorization

The following conclusion are agreed for the UE Reader authorization in Topology 2:

- The UE Reader in RRC-based option includes AIoT Reader capability when it registers to the network; the AMF should authorize the UE Reader based on subscription data and AIoT Reader capability of the UE.

- The subscription data of UE Reader includes the indication that whether the UE is authorized to act as an AIoT Reader.

Editor's note: How the UE Reader for user plane-based option is authorized is FFS.

- The AMF provides the UE Reader authorization indication to the NG-RAN serving the UE Reader.

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