**3GPP TSG-SA3 Meeting #105e draft S3-214148-r1**

**e-meeting, 8 - 19 November 2021** *revision of S3-21xxxx*

**Source: Qualcomm Incorporated, CATT, ZTE**

**Title: CR to ProSe TS – Security Requirements in Direct Discovery**

**Document for: Approval**

**Agenda Item: 4.21**

# 1 Decision/action requested

***This contribution proposes a text on Direct Discovery for ProSe TS***

# 2 References

[1] TR 33.847 v.0.8.0 “Study on security aspects of enhancement for proximity based services in the 5G System (5GS)”

# 3 Rationale

This contribution proposes to add a content in clause 6.1.2 (security requirements) for ProSe Direct Discovery based on the conclusion in TR 33.847 [1].

# 4 Detailed proposal

It is proposed that SA3 approve the below pCR for inclusion in the ProSe TS.

**\*\*\*\*\* START OF CHANGES \*\*\*\*\***

## 6.1 Security for 5G ProSe Discovery

Editor’s Notes: This clause contains the description of the security for open 5G ProSe Direct Discovery and restricted 5G ProSe Direct Discovery and 5G ProSe UE-to-Network Relay Discovery.

### 6.1.1 General

### 6.1.2 Security requirements

The system shall support integrity protection and replay protection of discovery messages in open discovery.

The system shall support confidentiality protection, integrity protection and replay protection of discovery messages in restricted discovery.

The system shall support a method to verify source authenticity of discovery messages.

**\*\*\*\*\* END OF CHANGES \*\*\*\*\***