**3GPP TSG-SA3 Meeting #108e *draft\_S3-222083-r1***

**e-meeting, 22 - 26 August 2022**

**Source: Huawei, HiSilicon**

**Title: New Key Issue on Security and privacy of multi-path transmission for UE-to-Network Relay**

**Document for: Approval**

**Agenda Item: 5.3**

# 1 Decision/action requested

***Approve the new KI proposal to TR 33.740***

# 2 References

[1]

# 3 Rationale

The contribution proposes to add a Key Issue about Security and privacy of multi-path transmission for UE-to-Network Relay.

# 4 Detailed proposal

pCR

\*\*\* BEGINNING OF 1st CHANGES \*\*\*

## 5.X Key Issue #X: Security and privacy of multi-path transmission for UE-to-Network Relay

### 5.X.1 Key issue details

The key issue about multi-path transmission for UE-to-Network Relay is introduced into TR 23.700-33 [2]. The Key Issue in TR 23.700-33 [2] aims to study the trigger, authorisation and procedures of the multi-path scenario with one direct network path and one U2NW connection.

It is expected that the corresponding security procedures will be studied along with the Key Issue in TR 23.700-33 [2]. In this key issue, how to offer security and privacy protection of the multi-path scenario (one direct Uu communication and one indirect U2NW relay path) will be studied.

### 5.X.2 Security threats

TBD.

### 5.X.3 Potential security requirements

TBD.

\*\*\* END OF 1st CHANGES \*\*\*