**3GPP TSG-SA3 Meeting #108e *draft\_S3-222081-r1***

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

**Source: Huawei, HiSilicon**

**Title: New Key Issue on Security and privacy of path switching between two indirect network communication paths for UE-to-Network Relaying**

**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 path switching between two indirect network communication paths for UE-to-Network Relaying.

# 4 Detailed proposal

pCR

\*\*\*BEGINNING OF THE 1st CHANGE\*\*\*

## 5.X Key Issue #X: Security and privacy of path switching between two indirect network communication paths for UE-to-Network Relaying

### 5.X.1 Key issue details

The key issue about path switching between two indirect network communication paths for UE-to-Network Relaying with service continuity consideration is introduced into TR 23.700-33 [2]. The Key Issue in TR 23.700-33 [2] aims to study the trigger, path selection, path switch procedure and service continuity of path switching between U2NW relays (i.e. L2 U2NW relay, L3 U2NW relay with N3IWF and L3 U2NW relay without N3IWF).

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 path switching between different UE-to-Network relay paths will be studied.

### 5.X.2 Security threats

TBD.

### 5.X.3 Potential security requirements

TBD.

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