**3GPP TSG-WG SA2 Meeting #153E e-meeting *S2-220XXXX***

**Elbonia, October 10 – 17, 2022 (revision of S2-220xxxx)**

**Source: Huawei, HiSilicon**

**Title: KI#6: Evaluation**

**Document for: Approval**

**Agenda Item: 9.26**

**Work Item / Release: FS\_5G\_ProSe\_Ph2 / Rel-18**

*Abstract: This paper proposes the evaluation for KI#6 Support of PC5 Service Authorization and Policy/Parameter Provisioning.*

# 1. Introduction/Discussion

KI#6 focuses on Support of PC5 Service Authorization and Policy/Parameter Provisioning.

Based on Table 6.0-1, the solutions that can be summarized and evaluated are Sol#8, Sol#16, and Sol#25.

# 2. Text Proposal

It is proposed to capture the following changes vs. TR 23.700-33.

\* \* \* \* First change (all new)\* \* \* \*

## 7.X Key Issue #6: Support of PC5 Service Authorization and Policy/Parameter Provisioning

For Key Issue #6: "Support of PC5 Service Authorization and Policy/Parameter Provisioning", based on Table 6.0-1, the solutions can be summarised and evaluated as the following:

- Sol#8 proposes a PCF based service authorization and policy/parameter provisioning for UE-to-UE Relay operation and Service Authorization information related to UE-to-UE Relay operation sent by AMF to NG-RAN.

- Sol#16 proposes provisioning policy based direct communication path switching between PC5 and Uu. Path switching policy is provided from the PCF to the UE or (pre-)configured in the UE. The path switching policy indicates which path(s) are allowed for all or specific ProSe services (i.e. direct PC5 allowed, direct Uu allowed or not allowed indicated). Based on the path switching policy, a UE may establish a PDU session or a PC5 connection in the target path and switch the traffic from the source path to the target path.

- Sol#25 mainly addresses policy aspects and is applicable for both Layer 2 and layer 3 U2N Relay. It proposes to enhance the URSP to allow the UE to be able to re-evaluate the URSP rule to determine to use direct Uu path, indirect Uu path via U2N Relay or both paths based on the availability of U2N Relay path.

\* \* \* \* End of changes \* \* \* \*