**3GPP TSG-SA3 Meeting #119 S3-24XXXX**

Orlando, US 11 – 15 November 2024 *revision of S3-244930*

**Source: Nokia**

**Title:** **Update to KI2** **Solution 12 on security method retrieval in CAPIF interconnect**

**Document for: Approval**

**Agenda Item: 5.19**

# 1 Decision/action requested

Solution on security method retrieval in CAPIF interconnect is updated.

# 2 References

[1] 3GPP TS 23.700-22

[2] 3GPP TS 33.700-22

# 3 Rationale

*KI#2 solution on CAPIF interconnect needed. Aspect of security method retrieval.*

*Evaluation of the solution has been added.*

# 4 Detailed proposal

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

### 6.12.3 Evaluation

The solution address KI#2 by requesting the security method to be used with AEF directly to its responsible CCF (CFF-A in figure).

The solution affects CCFs functionalities and their inter-communication, by allowing one CCF to forward the security method request to a second CCF.

From key issue KI#2 CAPIF interconnect the aspect security method retrieval to allow for authentication and authorization of the API invoker to the AEF is addressed.

Additional communication between CCFs of different domains is needed.

Separate messages in Step 2 and 7 add new complexity at the API invoker side, such as indication to APIInvoker that AEF belongs to a different domain. According to TS 23.222, the other CCF can still belong to the same trust domain or different trust domain of the onboarded CCF. The solution only addresses ‘different domain’.

Editor’s Note: Further evaluation needed.

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