**3GPP TSG-CT WG4 Meeting #99eC4-204xxx**

**E-Meeting, 18th – 28th August 2020**

Title: Reply LS on N32-f Error Responses – Mapping

Response to: LS (5GIS Doc 11\_02) on N32-f Error Responses – Mapping from GSMA FASG 5GIS

Release: Rel-16

Work Item: SBIProtoc16

Source: CT4

To: GSMA Fraud and Security Group (FASG) 5G Interconnect Security (5GIS)

Cc: SA3

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Attachments: C4-204390

**1. Overall Description:**

CT4 would like to thank GSMA FASG 5GIS for their LS on N32-f Error Responses – Mapping in C4-204047 and would like to provide the following feedback:

1. What is the correct mapping for these error types?

[Answer]:

CT4 has evaluated the complete list of error scenarios in the LS, and thinks the *JWE decipher error* can be mapped to existing DECIPHERING\_FAILED type in N32fErrorType. CT4 agrees additional types are needed to cover the *Unknown N32-f context*, *N32-f encryption key expired*, *N32-f integrity key expired* and *Cipher policy mismatch* errors.

For *Telescopic FQDN not found* and *Callback URL not found* errors, CT4 thinks the errors are not applicable to N32f. Telescopic FQDN is only used between NF and SEPP within the PLMN and will not be transferred between SEPPs. For Callback URL not found error, there is no need for SEPP to check the appearance of the Callback URL in message body.

1. Do additional N32fErrorType values need to be assigned within TS 29.573 if the existing errors do not map to the currently defined enumerated types?

[Answer]:

CT4 agreed the attached CR to define the additional N32fErrorType values for *Unknown N32-f context*, *N32-f encryption key expired*, *N32-f integrity key expired* and *Cipher policy mismatch errors*.

**2. Actions:**

**To GSMA FASG 5GIS group.**

**ACTION:** CT4 kindly asks GSMA FASG 5GIS group to take above information into account.

**3. Date of Next CT4 Meetings:**

3GPP TSG CT4#101e 11/2020 E-Meeting