**3GPP TSG-SA3 Meeting #103-e *S3-211367-r1***

e-meeting, 17 - 28 May 2021

**Title: Reply LS on Misalignment on usage of OAuth within 3GPP 29.510**

**Response to: LS S3-211367 on Misalignment on usage of OAuth within 3GPP 29.510 from GSMA FASG RIFS / 5GIS**

**Release: Rel-15**

**Work Item: XXX**

**Source: 3GPP SA WG3**

**To: GSMA FASG RIFS 5GIS**

**Cc: CT4**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:**

# 1 Overall description

Text in case of compromise agreement

3GPP SA3 thanks GSMA FASG RIFS/5GIS working group for informing us on the status of FS.36 and the requirement to strictly enforce NRF\_Access Token (OAuth 2.0) authorization.

3GPP SA3 is aware of the discrepancies between stage 2 and stage 3 specifications. Rel-15 and Rel-16 has been coupling so fare the registration of an OAuth 2.0 client at NRF with the usage of the NRF management service to register the NF profile. Thus, if done this way, it is not possible to get an OAuth 2.0 access token for consumption of NRF services. In SA3#103 meeting it was agreed to make this optional. I.e. to enable a NF that does not implement this option to also allow for NRF\_AccessToken request for the other NRF services, as long as the NF is registered as OAuth 2.0 client (during NF registration or by other means).

Due to the frozen release issue, it was compromised that in Rel-15 and Rel-16, when a NF consumes the Nnrf\_NFManagement or the Nnrf\_NFDiscovery services provided by the NRF, an OAuth 2.0 access token for authorization between the NF and the NRF shall not be used, i.e. authorization by be achieved by static authorization. From Rel-17 onwards, OAuth 2.0 can be used for Nnrf\_NFManagement and Nnrf\_NFDiscovery services.

Alternative Text

3GPP SA3 thanks GSMA working group 5GIS for informing on status of FS.36 and the requirement to strictly enforce NRF\_Access Token (OAuth 2.0) authorization.

3GPP SA3 is aware of the discrepancies between stage 2 and stage 3 specifications, but SA3 is not able to come to a conclusion on the way forward. We will inform you once an agreement is achieved.

# 2 Actions

**To** GSMA FASG RIFS/5GIS

**ACTION:** SA3 kindly asks GSMA FASG RIFS/5GIS to take this information into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#103Bis-e 5 - 9 ~July 2021 Electronic meeting (TBC)

SA3#104-e 16 - 27 August 2021 Electronic meeting