**3GPP TSG-SA3 Meeting #101-e *draft\_S3-202805-r1***

**e-meeting, 09 – 20 November 2020**

**Title:** Draft LS: Misalignment on access token request requirement TS 29.510 and 33.501

**Response to:**

**Release:** Rel-15 and Rel-16

**Work Item:** 5GS\_PH1-SEC, 5G\_eSBA

**Source:** SA3

**To:** CT4

**Cc:**

**Contact Person:**

#### Name: Ahmad Muhanna

**Tel. Number:**

E-mail Address: ahmad.muhanna@mavenir.com

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

**Attachments:**

**1. Overall Description:**

SA3 would like to inform CT4 that the following requirements in TS29.510 on having the NF service consumer to request an access token from the authorization server, i.e., NRF, before the NF service consumer is able to consume or access the NRF NFManagement and NFDiscovery services is not in line with SA3 specification TS33.501 requirements.

1. Under clause 6.1.8: “If Oauth2 authorization is used, an NF Service Consumer, prior to consuming services offered by the Nnrf\_NFManagement API, shall obtain a "token" from the authorization server, by invoking the Access Token Request service, as described in clause 5.4.2.2”
2. Under clause 6.2.8: “If Oauth2 authorization is used, an NF Service Consumer, prior to consuming services offered by the Nnrf\_NFDiscovery API, shall obtain a "token" from the authorization server, by invoking the Access Token Request service, as described in clause 5.4.2.2”

SA3 would like to inform CT4 that TS 33.501 made it clear that requesting an access token by the NF service consumer before consuming the NFR services, e.g., Registration, Discovery, Access Token request, is not needed. In addition, SA3 specification made it clear that before the NF service consumer is able to request an Oauth 2.0 access token, the NF Service consumer (OAuth2.0 client) is already registered with the Authorization Server, i.e., the NRF, obviously using the Nnrf\_NFManagement service.

SA3 would like CT4 to align TS 29.510 specification with the security requirements in TS 33.501 and remove any requirement which mandates the NF service consumer to request an OAuth 2.0 access token before being able to consume or receive any service from the NRF.

**2. Actions:**

**To CT4 group.**

**ACTION:** SA3 kindly request CT4 to align its TS 29.510 specification with TS 33.501 and remove any requirement which mandates the NF service consumer to request an OAuth 2.0 access token before being able to consume or receive services from the NRF.

**3. Date of Next TSG-SA WG3 Meetings:**

SA3#101-bis-e 18 - 22 January 2021 e-meeting

SA3#102-e 22 February – 05 March 2021 e-meeting