**3GPP TSG-SA WG6 Meeting #62 S6-243627**

**Maastricht, Netherlands, 19th – 23th Aug 2024 (revision of S6-243064)**

**Source: NTT DOCOMO**

**Title: Add the relationship between RNAA and Oauth 2.0**

**Spec: 3GPP TR 23.946 v0.5.0**

**Agenda item: 9.7**

**Document for: Approval**

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**1. Introduction**

This pCR presents the addition the relationship between RNAA and Oauth 2.0.

**2. Reason for Change**

The description of the relationship between RNNA and Oauth 2.0 is fragmented and difficult for the reader to understand. Therefore, a table of correspondence between RNAA and Oauth 2.0 should be included to make it easier to understand.

This pCR will be helpful for the developers in understanding the relationship.

**3. Proposal**

It is proposed to agree the following changes to 3GPP TR 23.946.

\* \* \* First Change \* \* \* \*

## 4.x Relationship between RNAA and OAuth 2.0

This subclause shows the the relationship between RNAA and OAuth 2.0. The table 4.x-1 shows the mapping of OAuth2.0 and RNAA. The details of OAuth 2.0 are specified in IETF RFC 6749 [14] and the details of RNAA are in 3GPP TS 23.222 [2].

Table 4.x-1: RNAA relationship with Oauth 2.0

|  |  |  |
| --- | --- | --- |
| Role | OAuth 2.0 | RNAA |
| The entity capable of granting access to a protected resource. | Resource Owner | Resource owner via Resource owner function |
| The server hosting the protected resources, capable of accepting and responding to protected resource requests using access tokens. | Resource Server | API exposing function |
| The application making protected resource requests on behalf of the resource owner and with its authorization. | Client | API invoker |
| The server issuing access tokens to the client after successfully authenticating the resource owner and obtaining authorization. | Authorization Server | Authorization function |
| The software agent responsible for retrieving and facilitating end-user interaction with Web content. | User Agent | Resource owner function hosting environment |