**3GPP TSG-SA3 Meeting #115AdHoc-e *draft\_S3-241497-r3***

Electronic meeting, online, 15 – 19 April 2024

**Title: LS to request clarification on the definition of digital identifier**

**Response to: NA**

**Release: Rel-19**

**Work Item: FS\_Metaverse\_Sec**

**Source: Samsung to be SA3**

**To: SA1, SA6**

**Cc: SA2, SA4**

**Contact person: Rohini Rajendran**

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

**Attachments:** S3-24xxxx

# 1 Overall description

SA3 has started the work in TR 33.721 for “Study on security aspects of 5G Mobile Metaverse services” with the following objective:

- Authentication and authorization of digital identity (non-IMS based)

- Support of security aspects of digital asset container

- Security aspects of exposure of user sensitive information (user consent)

As there is no definition of “digital identity” in TS 22.156 and TR 23.700-21, it is difficult to progress with the study. In order to have authenticated and authorized access to the digital asset, some contributions are considering an identifier “digital asset identity” to uniquely identify the digital asset. However during the discussion it was questioned, whether user identifier can be used to identify the digital asset. SA3 has tentatively defined the term “digital asset identifier” to identify a digital asset, as in the enclosed proposal.

SA3 kindly requests the following clarifications from SA1 and SA6:

1. For the purpose of digital asset access and management, does each digital asset need a unique identifier?
2. Whether SA1 and/or SA6 is considering to use user identifier to identify a digital asset?
3. If answer to above question is no, then which identity is used to identify a digital asset?
4. Does the term “digital asset identifier” in the enclosed proposal define the identifier for digital asset?
5. How is a digital asset associated with a user (i.e. owner of the digital asset) or a 3GPP subscription?

As SA6 is studying “Digital Avatars support” in KI#3 in TR 23.700-21, SA3 would like to know, whether SA6 is considering non-IMS based Avatar communications.

# 2 Actions

**To SA1, SA6**

**ACTION:** Please take the above information into account and provide us the requested information.

# 3 Dates of next TSG SA WG 3 meetings

SA3#116 20 - 24 May 2024 Jeju (South Korea)

SA3#117 19 - 23 August 2024 Maastricht (Netherlands)