

**27 February - 02 March, 2001**

**Gothenburg, Sweden**

---

**3GPP TSG SA2 # 16**

**Tdoc S2-010370**

**Los Angeles, USA, 22<sup>nd</sup>-26<sup>th</sup> January, 2001**

**Title:** Proposed Reply LS on “Proposal not to use the IMSI as the identity of an IM subscriber “

**To:** TSG SA3  
**Source:** TSG\_SA WG2  
**CC:** TSG SA1

**Contact Person:**

**Name:** Stephen Terrill  
**Email Address:** [Stephen.Terrill@ericsson.com](mailto:Stephen.Terrill@ericsson.com)  
**Tel. Number:** +46 8 508 78407

---

SA2 would like to thank SA1 for their liaison statement on “proposal not to use the IMSI as the identity of an IM subscriber”.

S2 would like to confirm S3s view that the IMSI is not standardised as the identity of an IM subscriber. S2 has discussed the matter of the identifiers, and has agreed on the following text, which is to be included in 23.228.

“

#### 4.3.3.1 Private User identities

Every IM subsystem subscriber shall have a user private identity. The private identity is assigned by the home network operator, and used, for example, for Registration, Authorization, Administration, and Accounting purposes. This identity shall take the form of a Network Access Identifier (NAI) as defined in RFC2486.

Note: It is possible for a representation of the IMSI to be contained within the NAI for the private identity.

The Private User Identity is not used for routing of SIP messages.

#### 4.3.3.2 Public user identities

Every IM subsystem subscriber shall have one or more public user identities [Ref 22.228]. The public user identity/identities are used by any user for requesting communications to other users.

Note: For example, this might be included on a business card.

Both telecom numbering and internet naming schemes can be used to address users depending on the Public User identities that the user's have.

The public user identity/identities shall take the form of SIP URL (as defined in RFC2543 and RFC2396) or E.164 numbers.

#### 4.3.3.3 Routing of SIP signaling within the IP MultiMedia SubSystem

Routing of SIP signaling within the IMS shall use SIP URLs. E.164 format public user identities shall not be used for routing within the IMS, and session requests based upon E.164 format public user identities will require conversion into SIP URL format for internal IMS usage.

#### 4.3.3.4 Relationship of Private and public user identities

The home network operator is responsible for the assignment of the private user identifier, and public user identifiers; other identities that are not defined by the operator may also exist.

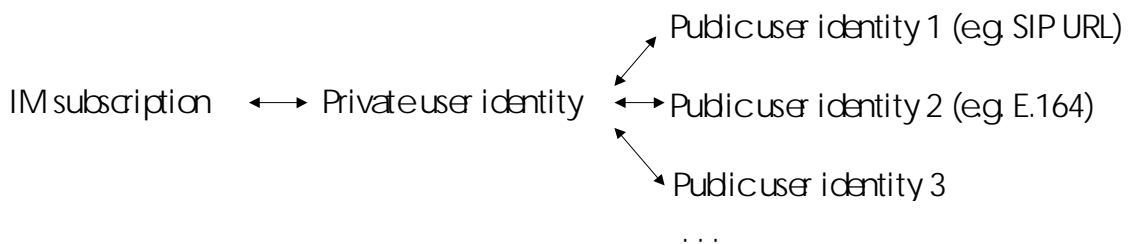


Figure x. Relationship of the private user identity and public user identities

“