

TSG-SA WG 1 (Services) meeting #15
Pre-meeting email approval

S1-020871
Agenda Item:

Title: SA1 Assumptions on IMS identities and UICCs
Source: SA1
To: SA2, T3
Cc: SA3, CN1

Contact Person:

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Attachments:

1. Overall Description:

SA1 has briefly discussed the requirements for user identities and the impact on the user, and does not currently believe that there is a need for change to SA1 specifications. The following is the provisional SA1 understanding of the principles of multiple user identities and Release 99/4 vs. Release 5 UICCs based on information available about discussions in other WGs. The following relates to 'public user identities' which are used to identify participants in originating or terminating communications (e.g. what is used to identify users between each other).

If a user has a Release 99 or Release 4 UICC, then at registration the UE will derive an appropriate identity from the IMSI and send this to the network. The network must respond with other identities which the operator has assigned to the user for business, personal and other purposes. These identities (the ones assigned by the operator and not ones derived from the IMSI) can be used by the user as a contact address and to be presented across the network as an IMS version of "CLI". There is no need for a user to have a business card with an IMSI-derived IMS identity, indeed the user does not even know their own IMSI-derived identity. Instead, one or more user-friendly IMS identities are given to the user, and can be used on business cards, for incoming sessions, and will be shown as the identity for outgoing sessions.

The user can choose between the identities to be used on a session by session basis from the various identities that have been allocated by the operator.

If the user keeps the same phone but wishes to upgrade UICC to a Release 5 UICC containing IMS information, or lends the phone to someone else with a Release 5 or Release 99/4 UICC the MT shall not re-use old information obtained in previous communication with the network when the original Release 99/4 UICC was in use.

In the case where the user's information has been programmed into the R5 UICC, the UE shall use the IMS information contained in the Release 5 UICC. In this case, the procedure is the same as above, except that the UE uses one of the IMS identities on the UICC to register, instead of an IMSI-derived identity. The network can optionally then provide the same list of allowed identities as per the text above.

If the list of public identities provided by the network differs from the list of public identities contained on the UICC, then the network list shall take precedence.

In summary:

From the perspective of user's public identities:

1. ***If a Release 99/4 UICC is inserted in a Release 5 IMS MT then at registration the UE shall derive an appropriate identity from the IMSI and send this to the network.***
2. ***If a Release 5 UICC is inserted in an a Release 5 IMS MT then at registration the UE shall use the appropriate identity from the R5 UICC and send this to the network.***
3. ***IMSI-derived information is not kept statically within the UE especially on change of UICC***
4. ***IMSI-derived information is not used as a user identity in communicating from person to person (i.e. it is not used as a form of CLI).***

2. Actions:

To SA2, T3

ACTION: SA1 asks SA2 and T3 to read the above text and if SA2 understanding is different to please advise SA1 of the SA2 or T3 understanding.

3. Date of Next SA1 Meetings:

Title	Date	Location	Country
SA1#16	13 – 17 May 02	Victoria	Canada