3GPP TSG CN Plenary Meeting #19 **NP-030046**
12th - 14th March 2003. Birmingham, U.K.

Source: **TSG CN WG 1**

Title: **CR to Rel-5 on Work Item IMS-CCR towards 23.218(042)**

Agenda item: **8.1**

Document for: **APPROVAL**

Introduction:

This document contains **1** CR, **Rel-5 to** Work Item **"IMS-CCR"**, that have been agreed by **TSG CN WG1**, and are forwarded to TSG CN Plenary meeting #19 for approval.

Spec	CR	Rev	Cat	Phase	Subject	Version-Current	Version-New	Meeting-2nd-Level	Doc-2nd-Level
23.218	042		F	Rel-5	Correction related to implicit public user identities in third party REGISTER	5.3.0	5.4.0	N1-28	N1-030197

3GPP TSG-CN1 Meeting #28 ***Tdoc N1-030197***
Dublin, Ireland, 10 – 14 February 2003

CR-Form-v7

CHANGE REQUEST

⌘ **23.218** **CR** **042** ⌘ **rev** **-** ⌘ Current version: **5.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network **X**

Title:	⌘	Correction related to implicit public user identities in third party REGISTER
Source:	⌘	Nokia
Work item code:	⌘	IMS-CCR
Date:	⌘	03/02/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	Clause 9.4.3 indicates that third party REGISTER from S-CSCF to AS may carry implicit public user identities. Text is not needed as implicit public user identites are carried in NOTIFY request after AS has subscribed for the registration state event package.
Summary of change:	⌘	Relevant sentence has been deleted
Consequences if not approved:	⌘	Misleading specification

Clauses affected:	⌘	9.4.3			
Other specs affected:	⌘	**Y**	**N**		⌘
			X	Other core specifications	
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm.
Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

9.4.3 Application Server handling of SIP registration

When the user is registered with the network and has been assigned a S-CSCF, the application servers, which are interested to know about the user registration events, should get a third party registration request generated by the S-CSCF. When the application server receives the request, the AS may perform a service triggered by a REGISTER. If the application server doesn't support this mechanism, it shall send back an error response to the S-CSCF. If the application server supports this mechanism, it shall treat this request as a notification from the network about the user's registration event and extract the important information from this request.

The application server will also expect to receive REGISTER requests indicating reregistration or deregistration events from the S-CSCF, so that the application server can update or release user's registration information.

The important information carried in the third party registration request are, the public user identity, the S-CSCF address, and the expiration time. ~~The third party registration request may also carry the user' implicitly registered public identities.~~

The application server can also extract user specific data from the REGISTER request, e.g. the IMSI for an Application Server that supports CAMEL services.

Application Servers can also subscribe to the S-CSCF Registration Event Package after receiving the third party registration request. After subscribing to the event package with the S-CSCF, the application will expect to receive the notifications from the S-CSCF, which may carry the user's implicitly registered public user identities and user's registration event information.

The application server can also obtain the user's implicitly registered public identities by accessing the HSS via Sh or Si interface.

An application server will require knowledge of a user's IMS subscription information if they are to correctly apply services. This information can be provided to the application server in two ways, either:

a) Manually by provisioning. This is outside of the scope of this specification.

b) Automatically from the HSS via the Sh and Si interfaces.

More information on these procedures is contained in 3GPP TS 24.229 [5].