

Source: SA1
Title: Various CRs to 22.228 Rel-5 on IMS
Document for: Approval
Agenda Item: 7.1.3

Spec	CR	Rev	Phase	Cat	Subject	Versio	Versio	Doc-2nd-
22.228	002		Rel-5	C	CR 22.228 - Capability of the IM CN	5.1.0	5.2.0	S1-010455
22.228	003		Rel-5	C	CR to 22.228 on Redirection of IP	5.1.0	5.2.0	S1-010453

3GPP TSG-S1 IMS ad hoc
Seattle, USA 19th-20th April, 2001

S1-IMS-010040

CR-Form-v3	
CHANGE REQUEST	
⌘ 22. 228 CR 002 ⌘ rev - ⌘ Current version: 5.1.0 ⌘	

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Capability of the IM CN Subsystem to present the identity of connected-to party		
Source:	⌘ SA1		
Work item code:	⌘ IMS-CCR-STAGE1	Date:	⌘ 11 – May– 2001
Category:	⌘ B	Release:	⌘ REL-5
	<i>Use one of the following categories:</i> F (essential 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.		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Since an IP multimedia session can be redirected it must be possible to the originator of a session to find out the identity of the party he or she is finally connected to.
Summary of change:	⌘ It shall be possible to present to the originator of a session the identity of the party to which she is connected
Consequences if not approved:	⌘ The identity of the connected-to party can not be made available to the originating party of the session

Clauses affected:	⌘ New chapter 7.7.3	
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> 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/3G_Specs/CRs.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://www.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

7.7 Handling of an ongoing session

7.7.1 User modification of media in an ongoing session

The user shall be able to negotiate the addition or deletion of media components of IP multimedia applications during an IP multimedia session. Refer to subclause 7.3 for further details on capability negotiation during an IP multimedia session.

7.7.2 Suspending and resuming of an ongoing session

It shall be possible for the user to suspend an IP multimedia session, and resume that IP multimedia session at a later time.

7.7.3 Presentation of identity of connected-to party of a session

It shall be possible to present to the originator of a session the identity of the party to which she is connected (see 7.5.1).

However, the connected-to party shall be able to request that her identity is not revealed to the originator of the session.

CR-Form-v3

CHANGE REQUEST

⌘ **TS22.228** CR **003** ⌘ rev **-** ⌘ Current version: **5.1.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Redirection of IP Multimedia Sessions		
Source:	⌘ SA1		
Work item code:	⌘ IMS-CCR-STAGE1	Date:	⌘ 11/05/01
Category:	⌘ C	Release:	⌘ REL-5
	<i>Use one of the following categories:</i> F (essential 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.		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ To clarify how redirection can be applied to IP Multimedia Sessions		
Summary of change:	⌘ Clarification that redirection can be applied by the network on behalf of the calling/called parties. Examples of when redirection can be applied and examples of redirection causes.		
Consequences if not approved:	⌘ Operators and users may not be able to apply redirection when required and for required conditions.		

Clauses affected:	⌘ Section 7.4		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

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- 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.

7.4 Redirecting of IP Multimedia sessions

It shall be possible for the user or the network to identify an alternative destination for an IP multimedia sessions or individual media of an IP multimedia session. Redirection to alternative destinations may be initiated by the sending party, receiving party or the network on their behalf. It shall be possible for redirection to be initiated at various stages of an IP Multimedia session. For example:

- Prior to the set up of an IP Multimedia session
- During the initial request for an IP Multimedia session
- During the establishment of an IP Multimedia session
- While the IP Multimedia session is ongoing

Redirection can be applied for all Multimedia sessions unconditionally or it can be caused by any of a set list of events or conditions. Typical causes could be:

- Identity of the caller
- Location or presence of the calling or called party
- If the called party is already in a session
- If the called party is unreachable or unavailable in some other way
- If the called party does not respond
- After a specified alerting interval

There are other causes that could be applied that do not require standardisation (e.g. time of day)

~~This may be initiated by the sending or receiving party during an IP multimedia session. Redirect may also occur prior to an IP multimedia session being established (e.g. the user's preference is that the IP multimedia session is unconditionally redirected).~~