
Source: SA1
Title: Release 6 CRs to 21.905 on definitions and abbreviations
Document for: Approval
Agenda Item: 7.1.3

SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-020555	21.905	041		Rel-6	B	CR to 21.905 definitions from TR 22.951	5.4.0	6.0.0	S1-021762
SP-020555	21.905	042		Rel-6	F	Enhancement of the definition of the 'Subscriber'	5.4.0	6.0.0	S1-021715

CHANGE REQUEST

21.905 CR 041 # rev - # Current version: 5.4.0

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

Title:	#	Definitions to be included in vocabulary TR 21.905	
Source:	#	SA1 (Telia AB)	
Work item code:	#	Netshare	Date: # 13/08/2002
Category:	#	B	Release: # Rel-6
		Use <u>one</u> of the following categories: <i>F</i> (correction) <i>A</i> (corresponds to a correction in an earlier release) <i>B</i> (addition of feature), <i>C</i> (functional modification of feature) <i>D</i> (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.	Use <u>one</u> 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:	#	New definitions regarding network sharing concept have been clarified and need to be included in the vocabulary TR.21 905.	
Summary of change:	#	Six new definitions of concepts regarding network sharing have been added to the specification.	
Consequences if not approved:	#	If the proposed definitions are not included in the vocabulary we might turn into a situation that different 3GPP groups use different definitions.	

Clauses affected:	#	3							
Other specs affected:	#	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N					
Y	N								
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.



3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Vocabulary for 3GPP Specifications (Release 5)

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Keywords

GSM, UMTS, Vocabulary

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*** First modified section ***

Core network: An architectural term relating to the part of 3GPP System which is independent of the connection technology of the terminal (eg radio, wired).

Core Network Operator: Operator that offers core network services.

Corporate code: Code which when combined with the network and SP codes refers to a unique Corporate. The code is provided in the GID2 file on the SIM (see Annex A.1.) and is correspondingly stored on the ME.

*** Next modified section ***

Iu: Interconnection point between an RNC and a Core Network. It is also considered as a reference point.

Iu-flex: Routing functionality for intra domain connection of RAN nodes to multiple CN nodes.

Iub: Interface between an RNC and a Node B.

*** Next modified section ***

Radio Access Mode: Mode of the cell, FDD or TDD.

RAN sharing: Two or more CN operators share the same RAN, i.e. a RAN node (RNC or BSC) is connected to multiple CN nodes (SGSNs and MSC/VLRs) belonging to different CN operators.

Radio Access Network Application Part: Radio Network Signalling over the Iu.

Radio Access Network Operator: Operator that offers radio access to one or more core network operators.

Radio Access Technology: UTRA, GERAN etc.

*** Next modified section ***

Retrieval service: An interactive service which provides the capability of accessing information stored in data base centres. The information will be sent to the user on demand only. The information is retrieved on an individual basis, i.e., the time at which an information sequence is to start is under the control of the user (source ITU-T I.113).

Roaming: The ability for a user to function in a serving network different from the home network. The serving network could be a shared network operated by two or more network operator.

Root directory: Obsolete term for Master File.

*** Next modified section ***

Shared Channel: A radio resource (transport channel or physical channel) that can be shared dynamically between several UEs.

Shared Network: When two or more network operator sharing network elements.

Short time: Time, typically in number of minutes, to perform the off-line mechanism used for accounting.

*** End modified sections ***

CR-Form-v7

CHANGE REQUEST

⌘ **TR 21.905** **CR** **042** ⌘ rev **-** ⌘ Current version: **5.4.0** ⌘

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

Title:	⌘ Enhancement of the definition of a "Subscriber"		
Source:	⌘ SA1 (Siemens AG)		
Work item code:	⌘ TEI	Date:	⌘ 08/08/2002
Category:	⌘ F	Release:	⌘ Rel-6
	Use <u>one</u> 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 <u>one</u> 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:	⌘ SA5 have been working on the requirements for Subscription Management in TS 32.140. During this work, SA5 has realised that the definition of subscriber defined in 21.905 is not appropriate for SA5's purposes. The enhancement of the definition of a "subscriber" proposed here is in line with work in SA2, who have agreed a CR on consistent use of subscriber / user for 23.228 (IMS stage 2) based on the proposed definition. Also in SA1 the work on the 3GPP Generic User Profile (GUP) relies very much on a meaningful definition of a "subscriber" and it's relationship with - and distinction from a "user".
Summary of change:	⌘ The definition of subscriber is enhanced according to the SA5 requirements, clarifying the relationship subscriber vs. user. The definition now identifies a subscriber as an entity (comprising one or more users) allowed to subscribe and unsubscribe services for his users.
Consequences if not approved:	⌘ Insufficient definition of the term "subscriber"

Clauses affected:	⌘ 3.S										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N	⌘	X						
Y	N										
⌘	X										

Other comments: ☹

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Subscriber: A Subscriber is an entity (associated with one or more users e.g. a user) that is engaged in a Subscription with a service provider. The subscriber is allowed to subscribe and unsubscribe services, to register a user or a list of users authorised to enjoy these services, and also to set the limits relative to the use that associated users make of these services.