3GPP TSG-CN WG4 Meeting #25   **N4-041620**
Seoul, KOREA. 15th to 19th November 2004.

Title:	**LS on GUP WID Update**
Response to:	**LS (S1-040977rev) on GUP WI Update from SA1**
Release:	**Rel-6**
Work Item:	**GUP**

Source:	**CN4**
To:	**SA1**
Cc:	**SA2, CN**

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Attachments: **N4-041607 [GUP WID amended by CN4 and endorsed].**

1. Overall Description:

CN4 thanks SA1 for their LS (S1-040977 revised after e-mail approval) and the attached updated GUP Work Item Description.

CN4 have updated aspects of the GUP WID that are pertinent to CN4 at CN4#25 and have endorsed the changes made by SA1.

CN4 have decided that TS 24.241, the Framework template may now be more relevant to a later release and so it becomes not applicable for the current WID but will be considered for a possible later GUP phase 2 WID. CN4 also notes that some of the items that SA1 deleted from the current GUP WID may also be applicable to a later GUP Phase 2 WID.

The current TS 23.241, the Data Description Framework will be transformed to a published TR 23.941 after TSG CN#26, a Possible Data Description Framework, as CN4 have taken the decision to adopt the LA framework specifications for GUP and thus GUP will become an instantiation of Liberty Alliance within 3GPP. This decision renders TS 23.241 obsolete and so it must be removed from the current planned delivery of GUP.

2. Actions:

To SA1 group.

ACTION: CN4 asks the SA1 group to take note of the update to the 3GPP wide GUP WID made by CN4 and to please represent the total changes to the SA plenary.

3. Date of Next CN4 Meetings:

CN4#26	14th - 18th February 2004	Sydney, AUSTRALIA
CN4#27	25th - 29th April 2004	Cancun, MEXICO

TSG-SA WG1 #26   **S1-040977**
Sophia Antipolis, –11th – 15th October 2004   **Agenda Item: 8**

Source:	**Lucent Technologies**
Title:	**Updated WI for GUP**
Document for:	**Approval**

Work Item Description

Title   The 3GPP Generic User Profile

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services
X	Terminals

2   Linked work items

OSA
Subscription Management,
~~MExE,~~
IMS,
MMS,
Presence,
Location Based Services,
Push.

3   Justification

The 3GPP Generic User Profile is the collection of data which is stored and managed by different entities such as the UE, the Home Environment, the Visited Network and Value Added Service Provider, which affects the way in which an individual user experiences services.

The 3GPP Generic User Profile is composed of a number of User Profile Components. An individual service may make use of a number of User Profile Components (subset) from the Generic User Profile.

The fact of having several domains within the 3GPP mobile system (i.e. Circuit-Switched, Packet-Switched, IP Multimedia Subsystem and the Service/Application domains) introduces a wide distribution of data associated with the user. Already, several 3GPP WGs specify some parts of the Generic User Profile in their own descriptive methods.

The involvement of different 3GPP WGs and external bodies (e.g. OMA, Liberty Alliance, etc) in the specification of the details of the Generic User Profile and similar specifications from external bodies introduces the possibility of overlapping of the Generic User Profile specification that can cause incompatibility and inconsistencies between different components of the Generic User Profile. Therefore, a strong co-ordination is required to avoid these situations and to unify the description methods.

4 Objective

The objective of the work item is to:

- Clarify definitions and the mutual influence of the different components
- Define the Scope, components, storage/distribution, ownership, etc
- Formulate the data description framework
- Describe access mechanisms
- Evaluate the consistency of the User Profile data access within the framework by defining a limited number of objects
- Address within the Scope of the work item (this list is not intended to be exhaustive and should cover the linked work items in item 2 as well):
- Identify and provide examples of User Profile objects
- Data Description Framework TS
- Some "obvious" common objects
- Device management specific objects

- The User Profile Policy shall be addressed (e.g. Privacy)
- Other Generic User Profile related objects
- e.g. Packet Streaming capability specific objects
- Assess possible protocols for transfer of User Profile data between core network elements
- Select and define the protocol for transfer of User Profile data between core network elements
- Assess possible protocols for transfer of User Profile data between the UE and the core network
- Select and define the protocol for transfer of User Profile data between the UE and the core network

5 Service Aspects

Services are customised and personalised by the 3GPP Generic User Profile.

6 MMI-Aspects

~~The user is able to activate, deactivate, and customise a user profile.~~

7 Charging Aspects

It shall be possible to support charging for the management and use of user profiles, and for access to user profiles (e.g. alteration of call forwarding).

8 Security Aspects

Access to the 3GPP Generic User Profile data shall be performed in a secure and authenticated manner, and the integrity of user profile information shall be assured.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes	X	X		X	X
No	X	X	X		
Don't know					

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
22.240	The 3GPP Generic User Profile (stage 1) - Requirements	SA 1		Plenary #17	Plenary #19	
23.241 23.841TR	The 3GPP Generic User Profile (stage 2) - Possible Data description framework	CN 4		Plenary #232	Plenary #23	CN4 still need to decide on future of this spec.have decided that the TS 23.241 should be made a Technical Report 23.841 as GUP is now an instantiation of LA.

Spec No.		Subject	Approved at plenary#	Comments
23.240	The 3GPP Generic User Profile (stage 2) - Architecture	SA 2	Plenary #19	Plenary #20	Should include structure, storage/distribution, ownership, etc
24.241	The 3GPP Generic User Profile (stage 3; access) - Common objects	CN 4	tbcPlenary #27	tbcPlenary #27	CN4 still need to decide on future of this spec.
29.240	The 3GPP Generic User Profile (stage 3; network)	CN 4	tbcPlenary #27	tbcPlenary #27	

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
22.057		MExE Stage 1		SA1
22.140		MMS Stage 1		SA1
22.228		IMS Stage 1		SA1
23.228		IMS Stage 2		SA2
29.228		IMS Stage 3		CN4
22.141		Presence Stage 1		SA1
23.141		Presence Stage 2		SA2
24.141		Presence Stage 3		CN1
23.057		MExE Stage 2		T2
23.127		VHE/OSA stage 2		SA2
23.140		MMS Stage 2		T2
23.002		System Architecture Stage 2		SA2
23.228		IMS Stage 2		SA2
26.234		Transparent end-to-end packet switched streaming service (PSS); protocols and codecs		SA4
29.198-xy		OSA Stage 3		CN5
31.111		USIM Application Toolkit		T3
31.102		Characteristics of the USIM Application		T3
32.802		User Equipment Management (UEM) feasibility study		SA5
32.140		Subscription Management		SA5

11 Work item rapporteurs

22.240 (S1)   The 3GPP Generic User Profile (stage 1) Requirements (Kurt Bischinger, T-Mobile)

23.240 (S2)   The 3GPP Generic User Profile (stage 2) Architecture (Harri Koskinen, Nokia)

23.8241 (CN4)   The 3GPP Generic User Profile Possible(stage 2) Data Description Method. (Yvette Koza, T-Mobile)

24.241 (CN4)   The 3GPP Generic User Profile (stage 3; access) Common Objects. (tbc)

29.240 (CN4)   The 3GPP Generic User Profile (stage 3; network) (Seppo Kauntola, Nokia)

12   Work item leadership

TSG-SA1

13   Supporting Companies

Siemens, Materna, Ericsson, Motorola, Comverse, SBC Communications, Orange, Nokia, KPN, Lucent, Alcatel

14   Classification of the WI

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature
Stage 1 - Requirements   S1

Stage 2 - Data Description Method   CN4

Stage 2 – Architecture   S2

Stage 3 - Common objects   CN4

Stage 3 – Network   CN4

Security Aspects   S3

14b   The WI is a Building Block: parent Feature

14c   The WI is a Work Task: parent Building Block