
3GPP TSG CN WG4 Meeting #22
Atlanta, USA, 16th – 20th February 2004

N4-040262

Title: LS on Relationship between 3GPP and Liberty Alliance related to GUP work
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Work Item: Generic User Profile

Source: CN4
To: CN Plenary, SA Plenary
Cc: SA2, SA3, SA5, T2

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1. Overall Description:

Within CN4's considerations of proposals for Stage 3 work on GUP, a proposal has been made to reuse the work of the Liberty Alliance. The proposal is to reference Liberty Alliance documentation within TS 29.240 (GUP stage 3), but also to extend the work of Liberty Alliance to meet the Stage 2 GUP requirements. For example, the Liberty Alliance Data Services Template includes the definition of commands that would fit with the SA2 defined commands 'Query' and 'Modify' within TS 23.240. However, no Liberty Alliance commands exist that fit with 'Create' or 'Notify'. The proposal presented to CN4 would extend the Data Services Template work of Liberty Alliance in a way, compatible with existing Liberty Alliance specs, to include these commands, and also would include the possibility of a 'cut and paste' of parts of the Liberty Alliance documentation into an Annex of TS 29.240.

However, Liberty Alliance specifications include in their content, the following text;-

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If there is no formal relationship between 3GPP and Liberty Alliance which would allow reproduction and/or extension of Liberty Alliance specifications, the proposal of taking the Liberty Alliance drafts into CN4 specs and/or extending them for 3GPP specific uses would not be permitted under the terms of this statement. Therefore, CN4 asks if any such relationship between 3GPP and Liberty Alliance exists, or if not whether one could be established. CN4 notes that a formal Liaison Statement relationship between 3GPP and Liberty Alliance exists.

Another question is the ability of 3GPP members to participate in and access Liberty Alliance information relevant to the use of their protocols in 3GPP. Liberty Alliance is a 'semi-closed' organisation, and several large

3GPP member companies are not members of Liberty Alliance. It may be that the Liberty Alliance could develop their protocols to support 3GPP requirements. In this case what arrangements are required and available to allow 3GPP members to contribute and follow the work?

Taking these points into consideration, CN4 would prefer the working relationship between 3GPP and Liberty Alliance to allow the following working practices:-

- Selective reference of Liberty Alliance specifications in 3GPP documentation.
- Liberty Alliance consideration of 3GPP requirements via company contributions in Liberty Alliance.
- Extension of Liberty Alliance specifications where they fail to meet the requirements of 3GPP.

In the worst case, 3GPP groups may need to reproduce and modify Liberty Alliance specifications, should the work of Liberty Alliance diverge from the requirements of 3GPP.

CN4 also notes that the adoption of Liberty Alliance specifications in CN4 documents would potentially require 3GPP member companies to pay for licenses to implement the GUP protocols that rely on Liberty Alliance specifications. How should the licensing of IPR owned by the Liberty Alliance be handled? Again, CN4 would like to know if any relevant agreement exists.

For your information, CN4 specifically would intend to re-use the work covered in the following Liberty Alliance specifications for GUP work:-

- Liberty ID-WSF Data Services Template Specification v1.0-23
- Liberty ID-WSF SOAP Binding Specification v1.0-08
- Liberty ID-WSF Discovery Service Specification v1.0-09
- Liberty Alliance Project utility schema
- Liberty Metadata Description and Discovery Specification v1.0-10
- Liberty ID-WSF Security Mechanisms Specification v1.0-21

It should be noted that in some cases, these documents refer out to further Liberty Alliance specifications for some of their detail.

Within the stage 2 work on GUP, the requirement for interworking to Liberty Alliance is included in 23.240. It would be useful for a similar reciprocal requirement to be placed on the Liberty Alliance work to interwork to 3GPP GUP.

CN4 is also aware that the work of Liberty Alliance is being considered for re-use by other groups. The groups that CN4 is aware of are copied on this LS.

2. Actions:

To CN plenary, SA plenary groups.

ACTION: CN4 asks CN and SA groups to clarify the nature of the formal relationship (if any) between 3GPP and Liberty Alliance in general, and with regard to the specific concerns expressed above covering:

- 1) The use of Liberty Alliance specification text in 3GPP
- 2) Access to Liberty Alliance documents and ability to contribute to Liberty Alliance work relevant to 3GPP
- 3) IPR implications of using Liberty Alliance standards in 3GPP.

3. Date of Next CN4 Meeting:

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| CN4 #23 | 10 th – 14 th May 2004 | Zagreb, CROATIA |
| CN4 #24 | 16 th – 20 th August 2004 | Sophia Antipolis, FRANCE |