

**3GPP TSG-CN WG4 Meeting #CN4-22bis**  
**Edinburg, UK, 19 April 2004.**

**N4-040488**

**Title:** Application Layer vs Transport Layer security for GUP  
**Response to:** S3-040199 (N4-040242) LS on GUP security directions  
**Release:** Rel-6  
**Work Item:** GUP

**Source:** CN4  
**To:** SA3  
**Cc:**

**Contact Person:**

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**Attachments:** none

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**1. Overall Description:**

For TS 29.240, CN4 needs to define some security mechanisms to permit the secure and authenticated exchange of information between client applications, GUP servers and GUP data sources.

There seems to be 3 options:

- transport level security using SSL/TLS; in this scenario, client and server authenticates over a secure HTTP connection and exchange over the wire plain text (i.e. not encrypted) SOAP messages.
- Application level security using WS-Security; in this scenario, client and server exchange over the wire some encrypted SOAP messages.
- A combination of both.

**2. Actions:**

To **SA3** group.

**ACTION:**

CN4 asks SA3 for the status within SA3 regarding the security requirements concerning GUP.

More specifically, CN4 would like to know what kind of security mechanism(s) will be recommended by SA3 for GUP security.

**3. Date of Next CN4 Meetings:**

CN4 #23	10 <sup>th</sup> – 14 <sup>th</sup> May 2004	Zagreb, CROATIA
CN4 #24	16 <sup>th</sup> – 20 <sup>th</sup> August 2004	Sophia Antipolis, FRANCE