3GPP TSG-CN1 Meeting #32bis   Tdoc N1-040163
Sophia Antipolis, France   26 – 29 January 2004

Contact Person:
    Name: **Inma Carrión, Christian Herrero**
    Tel. Number: +35 8503806481, +46 46 231812
    E-mail Address: **inmaculada.carrion-rodrigo@nokia.com**, **christian.herrero@ericsson.com**

1. Overall Description:

At CN1#32bis, CN1 has investigated under the work item WLAN Inter-working the following items as described below.

2. CN1 working assumptions:

The CN1 working group has the following working assumptions:

- The 3GPP AAA server shall support both EAP SIM and EAP AKA based authentication as specified in the EAP SIM and EAP AKA specifications.

- The ME shall support both EAP SIM and EAP AKA based authentication, if the ME supports the ME-SIM interface.

- By default, the EAP AKA method shall be used as primary authentication method in the EAP method negotiation.

- The ME-SIM interface support is assumed to be optional for Rel-6 ME.

CN1 would like to point out that the SIM specifications GSM 11.11 / TS 51.011 do not exist from Rel-5 onwards, so the support of ME-SIM interface from Rel-5 is optional.

3. Open issues:

- If the ME supports the EAP AKA and EAP SIM methods and the 3GPP AAA server initiates authentication (i.e. EAP-Request/challenge) by means of the EAP SIM method rather than EAP AKA, what should be the ME behavior? Does the ME have to use the EAP AKA method as primary authentication method?

- If 3GPP AAA server is aware that the ME supports the EAP AKA method, is the 3GPP AAA server mandated to always initiate the authentication (i.e. EAP-Request/challenge) by using the EAP AKA method, or is it allowed to use the EAP SIM method?

4. Actions:

To SA3 group.

ACTION: CN1 kindly asks SA3 to consider the working assumptions given above, and to address the questions asked by CN1.

3. Date of Next TSG-CN1 Meetings:

| CN1_33 | 16th – 20th February 2004 | Atlanta, USA (NA friends of 3GPP) |
| CN1_34 | 10th – 14th May 2004 | Zagreb, Croatia (EF3) |