Technical Specification Group Services and System Aspects   *TSGS#10(00)684*
Meeting #10, Bangkok, Thailand, 11-14 December 2000

Source: **AT&T (Ileana Leuca)**

Title: **Status Report on IETF Activities from IETF Liaison**

Document for: **Information**

Agenda Item: **9.3**

3GPP-IETF Collaboration Report

On Nov 24, 2000, the IETF-3GPP collaboration Internet Draft was posted for comments on the IETF website. No major comments were received and at the present IETF session in San Diego (which started on Dec. 11th), the draft will be submitted to the IESG (Internet Engineering Steering Group) for approval this week. It is expected that the document will be approved and then finalized by the IETF editor into an RFC.

Areas of common interest

Support for Streaming and Codecs Alignment
The streaming-specific protocols, codecs, presentation, session negotiation, streaming control and security should be defined in collaboration with the IETF, VMIP group. A meeting to discuss this subject is scheduled for Tuesday afternoon, December 12, '00. This subject is of major importance for the MMS supporting streaming for downloading MM contents.   As discussed with the "Application Area" director, we agreed to collaborate in order to define the minimum set of codecs, formats and their transport protocols for Packet-switched Streaming Service (PSS) and Multimedia Messaging Service (MMS) streaming.

Instant Messaging and Presence Service (IMPS)
There is currently no open standard for Instant Messaging and Presence and the need of such standard can't be overvalued.
Instant Messaging and Presence, in the fixed network, is currently implemented across the various Instant Messenger systems on the Internet, such as AOL IM, ICQ, MS Messenger, Yahoo! IM, etc. There are more than 100 million users registered in those systems, but there is currently no open standard for Instant Messaging and Presence.

The Internet community is trying to change the situation but unfortunately, the IETF has not been able to reach consensus regarding Instant Messaging and Presence Protocol (IMPP) for the fixed network. However, the IETF IMPP Working Group has produced a set of requirements for the IMPP system (RFC 2779) and the IMPP model (RFC 2778).   At the present IETF session, two more IMPS BOFs (Birds Of a Feather session) were approved, i.e. two more standards will be proposed for use for IMPS (PRIM and SIP).

3GPP should closely monitor this IETF standardization effort.

SIP
In the SIP session, one message was clear: the magnitude of the task is bigger than expected (i.e. more time, more people are needed) –there are 17 active drafts and another 67 in the dormant mode. After the session, as a result of discussion with the SIP group chair, consensus was reached that we should work together in the prioritisation and scheduling matters.

Possible next steps: the "2543-bis proposed" standard requires more experience to move to a standard draft. In addition, the SIP extension should be defined to cover the following:
1. Integration with QOS
2. Privacy and called ID identification
3. Authorization for the media flow.