Title:

APPROVED SUMMARY OF ALL IP ADHOC MEETING
for the period of 6/8-9/00 in Vancouver, BC

Source:

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SECRETARY

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Abstract:

This document is a summary of the discussions from the 3GPP2 ALL IP AdHoc meetings held at the Robin Square Conference Center in Vancouver, BC during the period of 6/8-9/00.

Recommendation:

For review and approval.

Notice:

During the period of 6/8-9/00, a meeting of 3GPP2 All IP AdHoc was held at the Robson Square Conference Center in Vancouver, BC. This report is intended to summarize those discussions.

The meeting was called to order on 6/8/00 at 8:10 AM local time by All IP AdHoc Co-Chairs, Mark Lipford (Sprint PCS) and Alberto Gutierrez (Motorola). The sign-in sheets indicate that approximately 55 persons were in attendance.

- The Chair noted that some of the contributions did not include the required 3GPP2 copyright statement. The Chair referred the participants to the copyright statement on the agenda and noted that submission of a contribution at this meeting would be assumed as commitment to that copyright statement. No contributions were withdrawn as a result of this statement.

- The agenda was presented and approved without objection as submitted (ALLIP20000608-001).

- Contributions (ALLIP-20000608-000R1) were assigned to agenda items - all in soft copy format only.

- The meeting summary for the 5/00 meeting in Las Vegas, NV (ALLIP-20000608-002) was presented and approved without objection as submitted.

- CORRESPONDENCE: None.

- REPORTS:

  - 3GPP2: No report.

  - MWIF: Still attempting to lock down their end architecture document. Expecting to be able to see the results of that architecture in the August 2000 meeting of this AdHoc.

  - CDG: The WI&IS Chair reported that the WI&IS team may be disbanded due to lack of interest. The CDG System Test team will also be disbanded if 3GPP2 TSG-C WG4 will accept the CDG STT responsibilities.

  - 3GPP: Next drafting session for their All IP group will be next week with the target of delivering that document to TSG-SA in June 2000. Assuming that document will be publicly available, it will also be presented at a future meeting of this adhoc.

- OLD BUSINESS

  - STAGE 1 REQUIREMENTS:

    - Lucent presented an update to their proposed text for Section 6.3 of the cdma2000 All IP requirements document - rev 3 (ALLIP-20000608-003) and reviewed the changes in detail. This document replaced the previous versions of this proposal but was left open for further consideration pending some decisions by the group on hard handoff issues.

- The All IP working glossary v1.1 (ALLIP-20000608-004) was presented by the Editor. The Editor stressed that this document was intended for informational purposes only to facilitate the on-going discussions and the preparation of the adhoc output. It was specifically not intended to be published. This document was accepted by the group as a document working in process.

  In addition, there was substantial discussion on the definitions of the words "call", "session", and "connection". No consensus on these definitions were reached but the discussions were remanded to e-mail discussions with the intent of achieving consensus by the next meeting.

- NAM

  - The Editor presented an update (v0.0.3) of the NAM document (ALLIP-20000608-006) as FYI. He indicated that the changes in this version were editorial only.

  - The Sprint PCS Network Architecture Model (ALLIP-20000608-005) was presented. The contributor indicated Sprint's intent to present this contribution at MWIF next month. He also indicated that the architecture is now working in their lab. There was discussion on how the call models are handled and how legacy systems are handled. This contribution was remanded to the NAM Focus Group to facilitate the architectural development efforts.

  - A description and motivation for the Access Control Server (ACS) (ALLIP-20000608-008) was presented by Ericsson. This contribution indicated the benefits of ACS as follows:

    - All-IP multi-media requires multiple bearers tied together as a single Packet Session

    - Mobility Management, Call Control and Location Management may be simplified in the IP multi-media domain

    - IETF protocols can be used. No point in evolving A1 for the IP multi-media domain, the ACS interface will need to be different.

    This contribution was remanded to the NAM Focus Group to facilitate the architectural development efforts.

  - Architectural principles for 3GPP Release 2000 (ALLIP-20000608-007) was presented as FYI to facilitate the 3GPP2 NAM discussions. This contribution was noted as FYI.

  - A proposal for the Network Architecture Model (ALLIP-20000608-009) was presented by Ericsson. This proposal was based on TSG-P and 3GPP models. This contribution was remanded to the NAM Focus Group to facilitate the architectural development efforts.

- An overview of All IP logical connections and functions (ALLIP-20000608-010) was presented by LGIC. This contribution was an update and a clarification to their previous documents. Since all of the information contained in this contribution was also included in ALLIP-20000608-011, this contribution was noted as FYI.

- An overview of an end-to-end and node-to-node VoIP harmonized All IP network architecture (ALLIP-20000608-011) was presented by LGIC. This contribution was remanded to the NAM Focus Group to facilitate the architectural development efforts. The contributor requested feedback on this proposal. However, no action on this contribution is planned at this time.

- A contribution entitled "Focus Group NAM v0.1" (ALLIP-20000608-015) was presented by the NAM Focus Group Chair. This contribution was the Focus Group Chair's initial attempt to correlate all of the previous contribution against the All IP NAM into a single document. There was some discussion that all of the proposals were not represented (i.e., Cisco and 3COM) and more discussion regarding potential improvements. An updated version (ALLIP-20000608-015R1) was accepted as a working draft and baseline against which all future NAM contributions should be based.

- STAGE 1 REQUIREMENTS (continued):

- An updated version of the All IP Requirements document (ALLIP-20000608-013) was presented by the Requirements document Editor. He noted that consensus text for items 3, 16, and 22 had been included in this document. This contribution was remanded to all participants for review and comment with the intent of publishing this document at the next meeting.

- An updated version of the Open Items List (ALLIP-20000608-014) was also presented by the Requirements document Editor. This contribution was remanded to all participants for review and comment with the intent of closing all open items by the next meeting.

- NEW BUSINESS:

- A contribution on "Good Enough Header Compression" (ALLIP-20000608-012) was presented by Lucent. This contributions presented proposals on IP, UDP, RTP header compression.

- REVIEW OF ASSIGNMENTS:

- All participants were directed to review the Open Items List and participate in related e-mail discussions with the intent of closing all open items by the next meeting.

- All participants were directed to review the latest version of the All IP Requirements document with the intent of publishing that document at the next meeting.

- All participants were requested to participate in the e-mail discussions on the All IP NAM functional blocks and related items.

- FUTURE MEETINGS:
    - 7/17-19/00   Regal Harvest House in Boulder, CO
    - 8/23-24/00   Hyatt Fisherman's Wharf in San Francisco, CA
    - 9/20-21/00   Seoul, Korea

The meeting was adjourned at 10:10 AM local time on 6/09/00.

A listing of the contributions for this meeting is itemized below:

NUMBER	SUBJECT	SOURCE
ALLIP-20000608-		
000	CONTRIBUTION REGISTER	SECRETARY
001	AGENDA	CHAIR
002	Meeting summary - 5/00 - Las Vegas	SECRETARY
003	Proposed Text for Section 6.3 of the cdma2000 All-IP Requirements Document - rev. 3	LUCENT
004	3GPP2 ALL IP Glossary v1.0	EDITOR
005	Sprint PCS Network Architecture Model (NAM)	SPRINT PCS
006	NAM rev003	EDITOR
007	Latest 3GPP All IP Architectural Work	NAM FOCUS GROUP CHAIR
008	Description and motivation for the Access Control Server	ERICSSON
009	Overview proposal for the NAM	ERICSSON
010	All IP logical connection and functions	LGIC
011	End-to-end and node-to-node VoIP, harmonized All IP Network Architecture	LGIC
012	Good Enough Header Compression	LUCENT
013	Requirements document	EDITOR
014	Open issues list	EDITOR
015	Focus Group NAM v0.1	NAM FOCUS GROUP CHAIR