WG SA2 report to TSG SA #12

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➔ • *General aspects (events since SA#11, statistics, next meetings)*

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General aspects (1/5)

Events since TSG-SA #11 plenary

- **SA2 has met once as "SA2 plenary":**
  - **SA2#18 in San Juan, Puerto Rico, 14th to 18th of May, hosted by the "American Friends of 3GPP"**

General Aspects (2/5)

- **In addition, several ad-hoc meetings and joint meetings took place on:**
  - **QoS ad-hoc meeting, 17-19 April, Antwerp, Belgium**
  - **QoS drafting session in Puerto Rico, 10-11 May**
  - **Two drafting meetings on IMS Service Architecture**
    - **5-6 April, Sophia Antipolis, France**
    - **2-3 May, Sophia Antipolis, France**
  - **Editing meeting on Iu Flexibility, 19-20 April, Düsseldorf, Germany**
  - **Joint meeting with SA3 on IMS Security, 26 April, Madrid, Spain**
  - **Joint meeting with GERAN/RAN3/SA2, 10-11 April, Helsinki, Finland**
  - **Joint meeting with CN1/SA2 on IMS call flows, 3-4 April, Sophia Antipolis, France**
  - **Joint meeting with SA1/SA2/SA3/T2 on User Profile, 11-12 June, Stockholm, Sweden**

General aspects (3/5)

Activities of the S2 ad-hocs: dedicated sessions on:

- **VHE/OSA, chaired by rotating convenor**
- **QoS, chaired by B. Chen (Motorola) – last meeting was handled at SA2#18**
- **LCS, chaired by J. Kall (Nokia)**
- **Iu-flex, chaired by Stephen Terrill (Ericsson)**
- **Push services, chaired by Steven Dutnall (AWS)**

Again, a lot of work handled by e-mail, and monitored by A. Noda!

GREAT THANKS TO ALL OF THEM !!

General aspects (4/5)

Next S2 meetings:

- **TSG-S2#19, August 27-31 (hosted by ETSI)**

- **TSG-S2#20, October 29- November 2 (hosted by J-Phone in Japan)**

- **TSG-S2#21, November 26-30 (hosted by North American Friends of 3GPP)**

Next joint meetings involving S2:

- **on Push services (London, 5-6 July –dates to be confirmed)**

- **With GERAN on optimised voice services (date to be decided)**

Next S2 drafting meetings:

- **IMS Key Issues and VHE/OSA in Dallas, 25th-29th June**

- **Conference calls on Iu Flexibility**

General aspects (5/5)

Statistics

Around 100 delegates participated to SA2#18.

In addition, more than 1000 people are registered on the SA2 e-mail list.

SA2 has handled more than 650 temporary documents at SA2#18

Liaison Statements:

- **SA2 has received 49 LSs at SA2#18**
- **SA2 has sent 22 LSs at SA2#18**

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- **General aspects (events since SA#11, statistics, next meetings)**

➔ - ***Issues on Rel99 and before***

- **Issues on Release 4**

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Issues on Rel99 and before

Uncorrelated corrections on:

- **03.60 and 23.060 (GPRS/PS domain stage 2)**
- **03.71 and 23.171 (LCS): corrections**

- **General aspects (events since SA#11, statistics, next meetings)**
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Issues on Release 4

Stabilisation of the TSs for Rel4: lot of uncorrelated corrections on

- **23.002 (Network Architecture)**
- **23.271 (LCS stage 2 for Rel4)**
- **23.060 (GPRS Stage 2)**
- **23.221 (Architectural requirements)**
- **23.107 (QoS in UMTS Stage 2)**

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IMS Issues on Release 5

- **Most of the S2 work still focuses on IP Multimedia Subsystem (IMS). Lot of CRs to IMS stage 2 (23.228 v.5.0.0) presented in SP-010335.**

- **Ongoing discussions and open issues:**
  - **IMS Service Architecture**
  - **Flows for CS endpoint and for local services**
  - **Linking between QoS ad-hoc results (23.207 and 23.107) and IMS Stage 2 (23.228)**
  - **Solution for IMS Emergency calls**
  - **Solution for GERAN optimised voice**
  - **MRF**

- **Progress e.g. on Registration and Authentication**

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Other S2 activities (1/3)

- **Stage 2 for GTT (TS 23.226) was less than 50% stable at TSG SA#11, but is now 80 % stable. So it is presented directly for Version 2 in SP-010336.**

- **Clarifications of LCS Stage 2 for Rel-4 and Rel-5 in SP-010341**

- **Stage 2 for QoS End to End (TS 23.207) is also 80% stable and presented in version 2 in SP-010337. Consequently, the QoS ad-hoc group was closed.**

Other S2 activities (2/3)

- **The Stage 2 for intra Domain connection of RAN nodes to multiple CN nodes ("Iu flex") in TS 23.236 presented for information in SP-010338.**

- **The Stage 2 for Push services: TR 23.974 planned to be presented for approval at SA#13. A joint meeting with SA1 & T2 planned and one SA2 drafting meeting is still required to wrap-up the work.**

- **S2 has answered questions from IETF IPNGwg on the use of IPv6 in Rel5 of UMTS and coordinated 3GPP input & presentations to the 3GPP / IETF-IPv6 joint meeting, 30 May, Redmond, Washington, USA.**

Other S2 activities (3/3)

- **LSs:**
  - **LS regarding User Profiles (S2-011576)**
  - **LS regarding Push Services (S2-011571)**

- **Revised/new WIDs:**
  - **End to End QoS Concept and Architecture for PS Domain (including IM subsystem) (S2-011551) in SP-010343**
  - **QoS Rel4 (S2-011088) in SP-010342 (corresponds to action point to clarify QoS activities for Rel5)**
  - **Revised IMS WI (S2-011574) in SP-010339**
  - **Revised GTT WI (S2-011537) in SP-010340**
  - **Revised LCS WI (S2-011538) in SP-010341**

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Actions expected from SA#12 by SA2 (1/5)

Presentation for approval:

- **TS 23.226 v.2.0.0 on "Stage 2 for GTT" in SP-010336**

Actions expected from SA#12 by SA2 (2/5)

Presentation for approval:

- **TS 23.207 v.2.0.0 on "End to End QoS" in SP-010337**

Actions expected from SA#12 by SA2 (3/5)

Presentation for information:

- **TS 23.236 v.1.0.0 on "Intra Domain Connection of RAN Nodes to Multiple CN Nodes" in SP-010338**

Actions expected from SA#12 by SA2 (4/5)

Approval of the following CRs:

- **On 23.002 (Network Architecture): CR list in SP-010329**
- **On 03.60 and 23.060 (GPRS/PS domain stage 2): CR list in SP-010330**
- **On 23.107 (QoS): CR list in SP-010331**
- **On 23.127 (VHE/OSA): CR list in SP-010332**
- **On 23.221 (Architecture Requirements): CR list SP-010333**
- **On 03.71, 23.171 and 23.271 (LCS Stage 2): CR list in SP-010334**
- **On 23.228 (IMS): CR list in SP-010335**

Actions expected from SA#12 by SA2 (5/5)

LS and WIDs as said in Page 18