Status Report of SA1, Services

Alan Cox, Chairman

Presentation in SP-000530

Report in SP-000531

Summary

- Overview

- Questions to SA Plenary

- Change Requests for Rel 99

- Change Requests for Rel 4, 5

- Specifications for approval

- Work Item Descriptions

- Future Outlook

Overview

- Good general progress
- Few CRs to Rel 99 - corrections/alignment
- Rel 4 fairly stable: some CRs for approval
- Specs 22.127 on OSA and 22.228 on IMS service requirements for approval
- Remainder of Rel 5 will include items slipped from Rel 4 such as CAMEL 4
- Revised WI on OSA. New WI on SP Name Most other work covered by existing Wis
- Renumbering of SoLSA stage 1 to 42.043
- LSs to SA plenary on Vocabulary and GPRS ODB

Questions to SA Plenary

- How to handle deletion of handover requirements not supported by Rel 99 (SP 534 CR 22.129)

- SA/SA2 is asked to confirm that the architecture supports Introduction of IP multimedia sessions control in CAMEL Phase 4 (SP 538 CR 22.078 - 074)

- Impact of SA1/2 in New Jersey on this?

Change Requests R99 or earlier-1

- SP 536 CRs 02.78 R97/98 on support of Camel Phase 1 in phase 2

- SP 537 CR 22.078 Rel 99, 4, 5 introduction of GGSN address, requested by CN2

- SP 538 CR 22.078
  - 062r3 alignment with stage 2&3 + editorial clarification
  - 072 removal of volume charging for GPRS session

Change Requests R99 or earlier-2

- SP 532 CR 22.041 ODB for packet services, alignment (R99) and correction (Rel 4)
- SP 533 CR 22.101 alignment, deleting encrypted USIM/ME interface
- SP 534 CR 22.129, deleting non-supported handover requirements (see question to SA)
- SP 535 CR 22.105, alignment of round trip delay specification

Change Requests R99 or earlier-3

- SP 550 CR 02.68, 02.69, 22.068, 22.069: Correction of implementation of Clarification of interaction with CCBS service

Change Requests for Rel 4, 5 - 1

- SP 539 CR 22.001 clarification on bearer modification without pre-notification
- SP 547 CR 22.105 correction on access dependent features for facsimile
- SP 540 CR 22.003 removal of TS61, 62 from NT GSM
- SP 542 CRs 22.060 GPRS. Removal of PTM-G, definition of Push Service

Change Requests for Rel 4, 5 - 2

- SP 543 CR 22.067 adds definition of called party pre-emption
- SP 544 CRs 22.071 on Location Services: Privacy Exception List, Periodic Location Reporting, Location Service Request, Information Accuracy
- SP 541 CR 22.038 on SIM Toolkit, introducing USAT local link mechanism

Change Requests for Rel 4, 5 - 3

- SP 538 CR 22.078
  - 074 Introduction of IP multi-media session control in Camel 4, see questions to SA plenary
  - 063 Introduction of Call Party Handling
- SP 545 CR 22.078 mid-call event for Camel
- SP 546 CR 22.101 support of UMTS AKA for GSM-only terminals
- SP 548 CR 22.140 adds Instant Messaging

Change Requests for Rel 4, 5 - 4

- SP 549 CRs 21.905 Vocabulary:
  - include acronyms and abbreviations from GSM 01.04
  - adds ASCI definition

Specifications for Approval -1

- SP 551 TS 22.127 v 2.0.0 - service requirements for Open Service Access

  - As part of VHE, OSA enables operator- and third party applications to make use of network functionality through an open standardised interface (the OSA API). OSA provides glue between applications and service capabilities provided by the network.

  - Applications become independent from the underlying network technology, making use of service capability features offered through the OSA interface. Applications using OSA are not standardised by 3GPP.

Specifications for Approval - 2

- ## SP 552 TS 22.228 v 2.0.0 service requirements for the IP Multimedia Core Network Subsystem

- Defines the service requirements from users' and operators' perspective for the support of IP multimedia applications.

- Does not standardise usage of IP multimedia applications; instead identifies the requirements to enable their support.

- General approach is to adopt non-3GPP IP based solutions.

- Legacy services are not be standardised as IP MM applications, but equivalents may be created with toolkits.

Work Item Descriptions

- SP 553 OSA - Open Service Access
Had been approved in principle at SA#9 but requested to update name and show split between Rel 4 and Rel 5

- SP 553 - Service Provider Name
Work has come in on this topic and it needs some study

Future Outlook

- Work for Rel 99 is complete, except for any further corrections identified

- Rel 4 is now stable. A few items uncertain, depending on progress in rest of 3GPP
  - VHE stage 1 v.4.0.0 is not yet stable, functionality being moved to Release 5

- Rel 5 policy set, if approved in SA#10

- All meetings in 2001 have hosts offered

- Alan Cox retires from SA1 chair at next meeting - election to be held.