Agenda Item: 10.5.1

Source: Editor

Title: Minutes of VHE adhoc meeting held at Siemens Vienna

Document for: Information

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Siemens at Vienna hosted the VHE adhoc meeting from the 22nd to 23rd of Feb 1999. There were about 18 delegates in total that attended. The delegate list and the list of document discussed are enclosed.

The meeting opened with the approval of the agenda and last meeting minutes. Input documents were introduced.

The UMTS 22.21 was progressed as follows:

Changes made to version presented at Stockholm meeting:

4   General Description of the VHE

There was a long discussion as to what the group intends the document to present either a R99 or an overall concept for VHE in UMTS. After a lengthy discussion it was decided that UMTS 22.21 would cover total concept for VHE. The main focus of the document will be for R99 but with a long-term. This is in trying to have a smooth evolution in various releases.

Fig 1: Personal service portfolio replaced The Virtual environment block in fig.1, this represents what the users see. There is no concept of user VHE as it has been indicated but a portfolio of services as seen by a user. VHE is a concept and should be indicated as such.

A question was raised if UMTS users could have services separate from VHE, the understanding was that it is possible if it does not use VHE component an example of this is an external VASP providing services directly to the user (see fig 1) but this is outside the scope of this document.

5   Frame Work For Services.

It was pointed out that this section mainly explained UMTS services and no reference to VHE, hence a paragraph was added to explain VHE concept with respect to services. VHE enables service creation.

The word "benchmark" service has been replaced with "service examples" so as not to make Annex A represent benchmark services but only service examples.

Figure 2 and fig 3 have been replaced by clearer and more explanatory figure as decided by the group. The text explaining these figures will be produced later (see AP). Figure 2 shows an evolution of service provisioning from a network point of view, while fig 3 showed the same but from a terminal point of view. The removal of service feature block will indicate a R99 figure but this is pending clarification on the issue.

In the key requirements the examples highlighted for R99 was removed because it was decided that for 3GPP work the examples stated will be included in R99.

6.1   User Profile

This section was upgraded by Mark Cataldo of Motorola, the section gives a clafication on the content of a user profile and a sub section on the description of management of user profile.

7   Home Environment Requirements on VHE.

A subsection heading was added to this section, interaction of services. It was suggested that there needed to be an indication in the standards that should protect users such that when service interact together, there will be no contention. A suitable text could not be decided neither was it clear to have the section or not. This issue has been left as an outstanding issue to be considered at the next meeting.

11   VHE Execution Environment

See outstanding issues.

Annex A.

Annex A was a contribution from the TTC requirement and for this reasons it was decided to include it in the document but stressed as an informative annex only. Some delegates expressed their opinion that the list could be misleading and that they were old requirements. It was decide that the list for the sake of TTC should be left untouched, but reference to GSM or CAMEL is removed in the table to avoid misinterpretation.

BT stressed their opinion that they will like more lists added to the table especially from GSM 02 series, and remove the ones that are not feasible. The group decided that having more list will be a misinterpretation of the view UMTS is moving away from that is service definition.

Outstanding Issues.

The following are outstanding issues that have been identified at the adhoc meeting:

- **Service Features.**
  BT would like service feature in R99, however the group does not agree but it sees this has been too complex to specify a requirement for R99. Since there was no clear definition of service feature referenced in UMTS 22.05, most of the delegates in the group except BT did not agree to have this feature in R99. The group request clarification from SMG1 on definition of service features but if no suitable clarification can be agreed the group propose to remove service feature for R99.
  As no agreement could be reached BT will like all references in the document that related to Service Feature not for R99 replaced by an additional text stating "pending clarification"

- **Interaction of Service.**
  It was identified in section 7.1, that a subsection on interaction of service was required. This section was to ensure that introduction of new services secures old services. It was debated as to whether this was responsibility of VHE or not finally Nokia proposed to provide a suitable text in this section if non can be agreed it will be deleted, or marked for FFS.

- **Execution Environment.**
  Section 11 has identified service execution environment. The present text has listed bullet points but more explanation is needed. The group has been referred to UMTS 23.20 document for guidance in providing suitable text for this section.

- **MexE and SAT server and Bearer Server. Figure 2.**
  Within OSA it is assumed to apply open standardised interfaces to MEXE and SAT servers although these servers are not yet defined. These parts of the above figure are indicated as grey squares and arrows.

  There are two ways to treat this aspect:

1.) create a new WI to introduce MEXE and SAT servers and remain the figure as it is as a working assumption.

2.) remove the access from services and/or service features towards MEXE and SAT service capabilities.

About GSM / UMTS bearer capabilities and server:
The idea came up during the ad hoc meeting. For the time being there is no clear, commonly accepted, view. Further considerations requested.

- **Possible Merger of OSA to VHE 22.21**
  Following the presentation of Siemens document 99-016, and discussion of OSA presentation by Rob (99-013), it was proposed to merger the current work in OSA with the work in UMTS 22.21. In the last 3GPP SA meeting in Sophia it was proposed that all service architecture work be under SA-WG1. This work item description for SA-WG1 will be agreed at the TSG meeting in Florida once agreed the work in OSA would move to SA-WG1. Rob from Ericsson who is the rappartour of the OSA document gave a working assumption that there is no foreseeable problem in combining the work, however he needed to check with the originating group SMG 12. The next meeting for SA-WG1 is in Edinburgh. From the discussion the group is waiting for decision in Edinburgh meeting and a working assumption that OSA work goes into UMTS 22.21 will be made.

- A question was asked if this VHE group needed to consider stage 2 requirements.

Outgoing Liaison Statement

LS was drafted unbehalf of the adhoc group by Barbara Reed on issue of service features issues for R99. Clarification was requested from SMG group on the status of service feature activity, definition and elaboration. The LS will be presented at the next SMG 1 meeting in Edinburgh.

Action Points.

1) Siemens to provide text for figure 2 before March 3rd.
2) Ericsson to provide text to explain figure 3, before March 3rd.
3) Nokia to provide text for interaction of services section for next meeting in Edinburgh

Future Meetings

A proposed date for the next meeting is the 27th to 28th April hosted by Alcatel or Nokia or Sophia Antipolis. The respective delegates are requested to confirm feasibility of hosting, Alcatel Belgium first, followed by Nokia. Your offer is very much appreciated.

Post Meeting comments.

1) Mark Cataldo will like the meeting changed to 4th and 5th of May. Could delegates check if these dates are acceptable?

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Document List

Tdoc	Source	Title
012	Ericsson	Open System Architecture OSA Stage 1

013	Ericsson	OSA for VHE adhoc ppt.
014	BT	Lets improve TS 22.21
015	T-Mobil	T-Mobil input VHE 0299
016	Siemens	Evolution of service creation/realisation from GSM to UMTS. ppt
017	ETSI	UMTS 22.21v 0.5.0
018	Fujitsu Europe Telecom R&D	WID on UMTS VHE for R99
019	Motorola	User Profile
020	Adhoc group	LS to SMG 1
021	Siemens	Update on Tdoc 016