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Technical Specification

**Universal Mobile Telecommunications System (UMTS);
Virtual Home Environment (VHE) / Open Service Access (OSA)
(3GPP TS 23.127 version 6.1.0 Release 6)**



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1 Scope

The present document specifies the stage 2 of the Virtual Home Environment.

Virtual Home Environment (VHE) is defined as a concept for Personal Service Environment (PSE) portability across network boundaries and between terminals. The concept of VHE is such that users are consistently presented with the same personalised features, User Interface customisation and services in whatever network and whatever terminal (within the capabilities of the terminal and the network), wherever the user may be located.

For Release 5, e.g. CAMEL, MExE, OSA and USAT are considered the mechanisms supporting the VHE concept.

Stage 2 specifications for CAMEL, MExE and USAT are addressed in other documents [1], [2], [3]. However, there is no separate stage 2 specification document for OSA. Therefore, the present document addresses stage 2 aspects for OSA.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
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2.1 Normative references

- [1] 3GPP TS 23.057: "Mobile Execution Environment (MExE); Functional description - Stage 2".
- [2] 3GPP TS 23.078: "Customised Applications for Mobile network Enhanced Logic (CAMEL) (Phase3); Functional description - Stage 2".
- [3] 3GPP TS 31.111: "USIM Application Toolkit (USAT)".
- [4] 3GPP TS 22.101: "Service Aspects; Service Principles".
- [5] 3GPP TS 22.121: "Service Aspects; The Virtual Home Environment".
- [6] void
- [7] 3GPP TS 22.127: "Service Aspects; Stage 1 Service Requirement for the Open Service Access (OSA)".
- [8] 3GPP TS 23.228: "IP Multimedia Subsystem (IMS) Stage 2".
- [9] 3GPP TS 22.078: "Customised Applications for Mobile network Enhanced Logic (CAMEL); Service description, Stage 1".
- [10] 3GPP TS 23.218: "IP Multimedia (IM) Session Handling; IP Multimedia (IM) call model".
- [11] 3GPP TS 22.141: "Presence Service; Stage 1".
- [12] void
- [13] 3GPP TS 23.271: "Functional stage 2 description of LCS".
- [14] 3GPP TS 23.141: "Presence Service; Architecture and Functional Description".