3GPP TSG CN Plenary Meeting #12   Tdoc NP-010331
Stockholm, Sweden, 13th - 15th June 2001

Source:	CN5
Title:	Rel5 OSA Stage 3 - Draft Building Block level Work Item Description
Agenda item:	**9.4 OSA enhancements [OSA1]**
Document for:	APPROVAL

3GPP TSG_CN5 (Open Service Access – OSA)   **Tdoc N5-010261**
Meeting #11, San Diego, CA, USA, 21 – 24 May 2001

Source:	CN5
Title:	Proposal for Work Item Description for CN5's work on OSA Release 5
Agenda Item:	10.1
Document for:	Approval
Work Item ID:	OSA1
Specs involved:	29.198- and 29.998-series

Work Item Description

Title: OSA Stage 3

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services
	Terminals

2   Linked work items

- Feature-level WI ID#1367: VHE enhancements (stages 1 and 2)

- Feature-level WI ID#1637: OSA enhancements (stages 1 and 2)
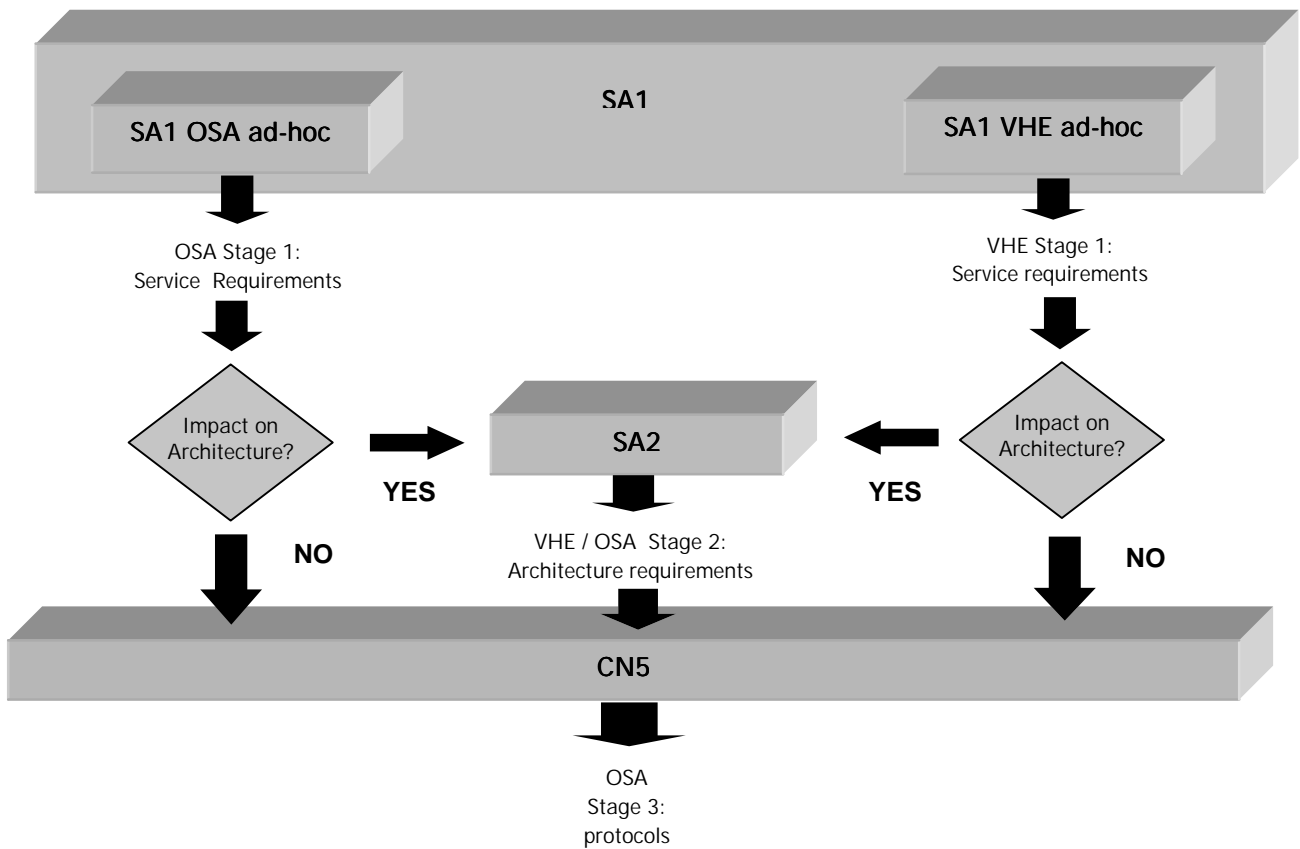
3   Justification

The Open Service Access (OSA) enables service application developers to make use of network functionality through open, standardised, secure, extensible and scalable interfaces. Applications see the network functionality offered to them as a set of Service Capability Features (SCFs) in the OSA API. These SCFs provide access to the network capabilities on which the application developers can rely when designing their applications. The OSA API is independent of where or which network capabilities are implemented in the network, and of vendor specific solutions and programming languages.

A secure OSA API is a key enabler for the Virtual Home Environment (VHE) system concept, which requires users to be consistently presented with the same personalised services in whatever network and terminal, subject to the capabilities of both.

4   Objective

Within the organisation of 3GPP TSG CN (Core Network), CN5 is in charge of the stage 3 specifications of the OSA API. The functionality provided by the API is defined in terms of requirements and their impact in the overall architecture defined by 3GPP, as shown in the following figure:

Additionally CN5 is actively involved in liaisons of different natures with related bodies and fora, with the objective to ensure that there is a single API specified for the whole development community. In its joint work with these external bodies CN5 ensure that the 3GPP working process is respected – i.e. input from them is translated in terms of requirements and contributed to SA1.

5   Service Aspects

The OSA API stage 3 specifications will be aligned with the service provisioning architecture specified by 3GPP TSG SA (SA1 and SA2).

6   MMI-Aspects

None.

7   Charging Aspects

The OSA API stage 3 specifications will satisfy the charging requirements from SA1 and SA2 in co-operation with SA5.

8   Security Aspects

The OSA API stage 3 specifications will satisfy the security requirements from SA1 and SA2 in co-operation with SA3.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No	X	X	X		
Don't know					X

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
29.xyz		CN5		TSG#13 (09/01)	TSG#14 (12/01)	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
29.198				TSG#14 (12/01)		
29.998				TSG#14 (12/01)		

11 Work item raporteurs

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12 Work item leadership

CN5

13 Supporting Companies

Alcatel, BT, Ericsson, Lucent, Siemens, Marconi, Nokia

14 Classification of the WI (if known)

	Feature (go to 14a)
X	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a **Feature**: List of **Building Blocks** under this **Feature**

(list of Work Items identified as **Building Blocks**)

14b   The WI is a **Building Block**: parent **Feature**

(one Work Item identified as a **Feature**)

OSA enhancements (Acronym: OSA1) ID: 1637

14c   The WI is a **Work Task**: parent **Building Block**

(one Work Item identified as a **Building Block**)

15   Work Tasks under this Building Block

Building Block	Work Task	Description	Release
OSA Stage 3	WT 1: OSA API specification	Definition of the OSA API interface classes, and their methods and detailed behaviour, in line with release 5 requirements and architecture.	Release 5
OSA Stage 3	WT 2: OSA API IDL	IDL specification of the OSA API	Release 5
OSA Stage 3	WT 3: OSA API mapping	Functional mapping of OSA interfaces to UMTS network protocols	Release 5