3GPP TSG CN Plenary Meeting #22 10 - 12 December 2003, Maui, Hawaii, USA

TSG-CN WG5

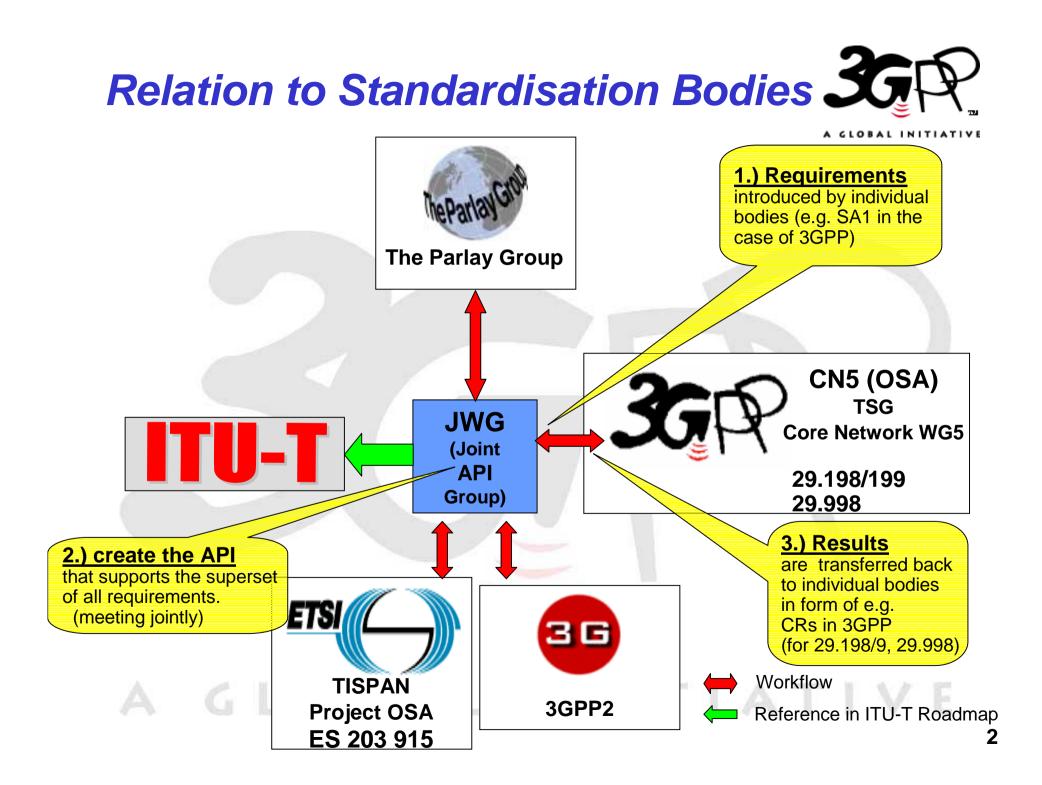
Status Report

(Open Service Access)

NP-030540



Reported by Chelo ABARCA CN5 Chair Reported by John-Luc BAKKER CN5 Vice-Chair





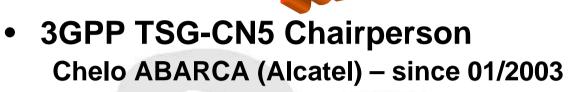
ESTI Technical Body TISPAN

- Amalgamates both former ETSI TBs TIPHON and SPAN
- Eight new Working Groups:
 - > WG1 Services
 - > WG2 Architecture
 - WG3 Protocols
 - WG4 Numbering Addressing and routing
 - > WG5 QOS
 - > WG6 Testing
 - > WG7 Security
 - > WG8 Network Management
- Project OSA is now under WG1

 WG6 Testing WG7 Security 	Parlay 3.4	TISPAN 01008 OSA
 WG7 Security WG8 Network Management 	Parlay 4.2	TISPAN 01009 OSA
Project OSA is now under WG1	Parlay 5	TISPAN 01005 OSA
	Parlay X	TISPAN 01007 OSA



AL INITIATIV



- 3GPP TSG-CN5 Vice Chairman John-Luc BAKKER (Telcordia) elected at CN5#25 in Bangkok (Oct 2003).
- ETSI TISPAN OSA Project Leader Richard STRETCH (BT) – since 05/2003 (also Parlay representative)
- Methodology Expert since 05/2000 Ultan MULLIGAN (ETSI PTCC)
- MCC Support since 01/2001
 Adrian ZOICAS (MCC)

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Officers



Outline

- Achievements
 - CN5 work status
 - Rel6 status overview
 - Coordination with other groups
 - Meetings
 - For plenary approval/information
 - Acknowledgements/ Welcome new VC

Achievements



Rel-4 and Rel-5 :

Some essential corrections

Rel-6:

- Work ongoing on Stage 3 for OSA Rel-6 requirements
- Parlay X Web Services (29.199) submitted to CN#22 for Information
- CRs to Support OSA in 3GPP2 networks submitted to CN#22 for Approval
- Stage 3 work on OSA Rel-6 Presence requirements finished, only the mapping TR is pending (dependent on CN1 TSs availability)

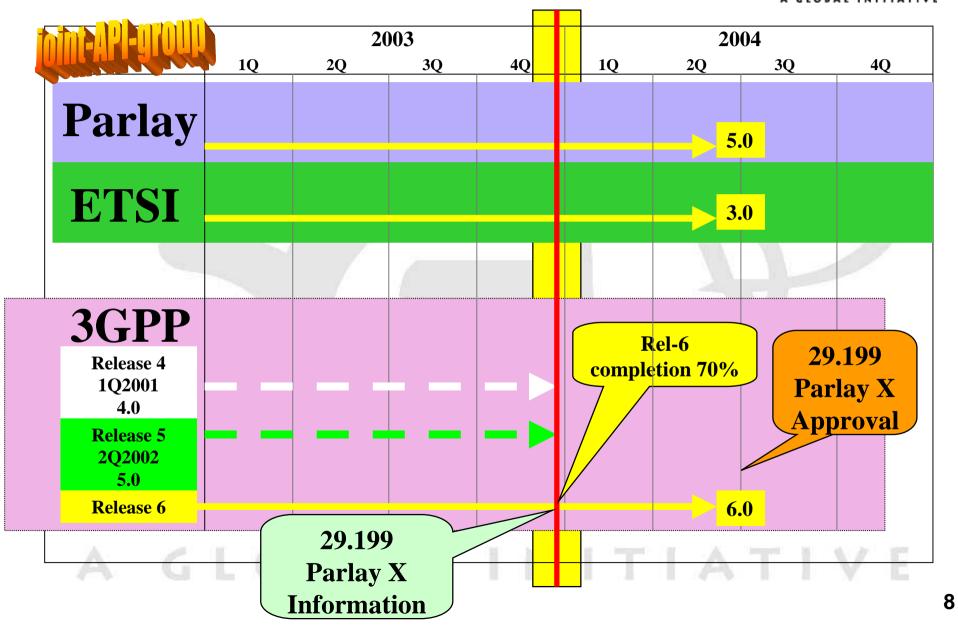


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OSA Cross-releases Work Plan



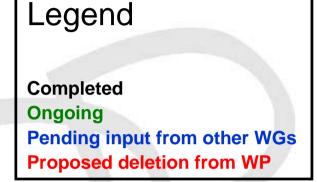
OSA Rel6 Status Overview (1/2)



Working on Rel-6 according to SA1 OSA Requirements:

- Introduction of migration support mechanism
- Framework Function for Federation
- Multi Media Messaging function
- Policy management extensions
- Presence and Availability Management
- OSA interfaces at different levels of abstractions (Parlay X, Web services)
- User Profile
- Management / User data security management
- Access to IP Session information
- Network functions for end-user/application interaction support
- IP Session Control Function

The OSA Requirements clean-up inherited from Rel-5 is finished !!!



OSA Rel6 Status Overview (2/2)



nique_I[Name	Resour	Finish	% Com
15010	Rel-6 OSA enhancements	S1	Fri 18/06/04	47%
31040	Scope of the Open Service Access Release 6	S1	Fri 27/06/03	90%
15016	DELETE post TSG#22 - User Data Management / User data secur	S1	Mon 06/01/03	100%
15022	DELETE post TSG#22 - User Data Management / User data secur	N5	Fri 19/12/03	0%
15025	DELETE post TSG#22 - Access to IP Session information	N5	Fri 19/12/03	0%
15026	Multi Media Messaging function	N5	Fri 18/06/04	50%
15028	Policy management extensions	N5	Fri 12/12/03	90%
15029	Presence and Availability Management (from the PRESNC WI)	N5	Fri 26/03/04	80%
15032	OSA interfaces at different levels of abstractions (Parlay X, Web	N5	Fri 18/06/04	90%
15033	Introduction of migration support mechanism	N5	Fri 12/12/03	100%
15034	User Profile	N5	Fri 26/03/04	0%
15035	DELETE post TSG#22 - Network functions for end-user/application	N5	Fri 26/03/04	0%
15036	Framework Function for Federation	N5	Fri 12/12/03	100%
15037	DELETE post TSG#22 - Enhancements to IP Session Function in	N5	Fri 26/03/04	0%



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Framework Enhancements

- The OSA Framework provides Access Control and Integrity Management
- Work is progressing to enhance the current OSA Framework Integrity
 Management functionality in a backwards compatible way



PAM & PM multi vendor support

- The Presence & Availability Management (PAM) and Policy Management (PM) SCFs exchange availability policy information and perform availability policy evaluation.
- Lucent, IBM & Telcordia completed work on correcting lack of multi-vendor support in OSA Stage 3 Parts 13 (PM) and 14 (PAM).
- OSA Stage 3 Parts 13 and 14 share a "type" in Part 2; this "common type" was corrected.



Messaging

- Work ongoing on implementation of the OSA MMS requirements and other messaging features for Rel-6.
- Some correspondence interchanged between the chairs of T2 SWG3 and CN5, in order to start a closer co-operation between both groups on MMS. This resulted in the LS N5-030614 (see NP-030536).
- A CN5 messaging focused ad-hoc meeting is planned to progress this work (ETSI, 29-30 Jan 2004).



OSA Interfaces at Different Levels of Abstraction

- CN#21 agreed naming "Parlay X Web Services".
- It is an abstraction and simplification of the OSA APIs, specified as "Web Services".
- Not to mistake with WSDL realization of the OSA APIs (already in Rel-5 OSA Stage 3).
- Parlay X Web Services (29.199) submitted to CN#22 for Information.
- CN5 propose to go under change control in 06/2004.



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OMA

- CN5 believes:
 - No dependencies: 3GPP OSA work is not dependent on any work in OMA.
 - CN5 do have overlaps with OMA (see SP-030198).

CN5 would like to continue discussing how to handle the 3GPP-OMA overlaps.

SA1 Rel6 OSA Requirements Clarifications

- Last version of the OSA Stage 3 WID (NP-030558) updated in line with deletion in SA1 of the requirements:
 - Retrieval of Visited Network Capabilities
 - Enhanced User Privacy in LCS
- No contribution for two CN plenaries for the following requirements:
 - Management / User data security management
 - Access to IP Session information
 - Network functions for end-user/application interaction support
 - IP Session Control Function

CN5 requests from CN their removal from the Work Plan

• This finishes the clean-up of OSA Rel-6 requirements !



SA1 and SA2 on GUP

- SA1 has finished Rel-6 GUP Stage 1, which was approved at SA#21 (09/2003) in SP-030469.
- SA1 needs now to derive the OSA Rel-6 Requirements resulting from the GUP Requirements. This is requested by CN5 from SA1 in LS N5-030615 (see NP-030536).
- CN5 request SA2 in LS N5-030615 (see NP-030536) to perform the necessary architectural analysis of these Requirements.



IETF dependencies

CN#21 agreed:

- The 3GPP dependency table in SP-030319 identifies an OSA dependency on <u>draft-ietf-sipping-3pcc-03.txt</u> with consequence "OSA cannot support IMS":
 - The dependency is only for the OSA mapping TR (i.e. NOT normative).
 - CN5 would like CN to consider re-phrasing the consequence to "No TR for OSA to IMS mapping".
- Addition needed: CN5 also has a dependency on
 <u>http://www.ietf.org/internet-drafts/draft-ietf-simple-presence-10.txt</u>
 (SIP Extensions for Presence)

Reminder: These changes need still to be made in the dependency table.



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Meetings held

CN5 #25

- 27-31 October 2003, Bangkok, THAILAND, hosted by the "Japanese Friends of 3GPP"
- Attended by 12 delegates
- Draft Report in NP-030537 (N5-030507)

CN is invited to note this Report under Agenda item 6.5.1 A GLOBAL INITIATIVE

Future meetings



TITLE	DATES	LOCATION	CTRY
3GPPCN5#25-bis (AH Messaging)	29 - 30 Jan 2004	Sophia Antipolis	FR
3GPPCN5#26 with CN1-4	16 - 20 Feb 2004	Atlanta	US
3GPPCN#23	10 - 12 Mar 2004	Phoenix	US
3GPPCN5#27 with Parlay	3 - 7 May 2004	Miami	US
3GPPCN#24	2 - 4 Jun 2004	KOREA	KR
3GPPCN5#28 Not anymore with CN1-4	Aug 2004	TBD	TBD
3GPPCN#25	8 - 10 Sep 2004	Palm Springs	US
3GPPCN5#29 with Parlay	1 - 5 Nov 2004	Zurich	СН
3GPPCN#26	8 - 10 Dec 2004	Athens	GR 22



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Contributions to this meeting



Tdoc	Agen	Туре	Title
NP-030540	6.5.1	Rep	Chair's report from CN5 (slide presentation)
NP-030536	6.5.1	LS	LSs outgoing from CN5 between CN#21 and CN#22 (replaces NP-030541)
NP-030537	6.5.1	Rep	REVISED Draft Report of CN5#25, Bangkok, THAILAND, 27-31 Oct 2003 (replaces NP-030542)
NP-030543	7.10	CR	Rel-4/5 CRs 29.198-02 OSA API Part 2: Common data
NP-030544	7.10	CR	Rel-4/5 CRs 29.198-04 OSA API Part 4: Call control
NP-030545	7.10	CR	Rel-4/5 CRs 29.198-05 OSA API Part 5: Generic user interaction
NP-030546	7.10	CR	Rel-4/5 CRs 29.198-12 OSA API Part 12: Charging
NP-030547	8.2	CR	Rel-5 CRs 29.198-01 OSA API Part 1: Overview
NP-030548	8.2	CR	Rel-5/6 CRs 29198-02/13/14
NP-030549	8.2	CR	Rel-5 CRs 29.198-03 OSA API Part 3: Framework
NP-030550	8.2	CR	Rel-5/6 CRs 29.198-04-3 OSA API Part 4: Call control; Sub-part 3: Multi-Party Call Control SCF
NP-030551	8.2	CR	Rel-5/6 CRs 29.198-04-4 OSA API Part 4: Call control; Sub-part 4: Multi-Media Call Control SCF
NP-030552	9.7	TS	Draft Rel-6 TS 29.199 v100 on Parlay X Web Services
NP-030553	9.7	CR	Rel-6 CRs 29.198-1/14 OSA API Parts 1-14 and 29.998-04-4: OSA API Support for 3GPP2 networks
NP-030554	9.7	CR	Rel-6 CRs 29.198-03/05 OSA API Part 3: Framework/ Part 5: Generic user interaction
NP-030555	9.7	CR	Rel-6 CR 29.198-05 OSA API Part 5: Generic user interaction
NP-030556	9.7	CR	Rel-6 CR 29.198-11 OSA API Part 11: Account management
NP-030557	9.7	CR	Rel-6 CRs 29.198-14 OSA API Part 14: Presence and Availability Management (PAM)
NP-030558	9.7	WID	Revised Rel-6 Work Item Description for OSA Stage 3

3GPP OSA Stage 3 Rel-4 Issues



A GLOBAL INITIAT

NP-030543 Rel-4/5 CRs 29.198-02 OSA API Part 2: Common data

NP-030543	29.198-02	037	-	Rel-4	Description correction of TpOctetSet	F	4.6.0	N5-030620	OSA1
NP-030543	29.198-02	038	-	Rel-5	Description correction of TpOctetSet	A	5.4.0	N5-030621	OSA1
NP-030543	29.198-02	039	-	Rel-4	Clarify use of base interface Reference within an inheritance relationship	F	4.6.0	N5-030622	OSA1
NP-030543	29.198-02	040	-	Rel-5	Clarify use of base interface Reference within an inheritance relationship	А	5.4.0	N5-030623	OSA1

NP-030544

Rel-4/5 CRs 29.198-04 OSA API Part 4: Call control

NP-030544	29.198-04	066	-	Rel-4	Correction of description in superviseRes and superviseCallRes	F	4.7.0	N5-030345	OSA1
NP-030544	29.198-04-2	009	-	Rel-5	Correction of description in superviseCallRes	A	5.4.0	N5-030348	OSA1
NP-030544	29.198-04-3	015	-	Rel-5	Correction of description in superviseRes	А	5.4.0	N5-030349	OSA1
NP-030544	29.198-04-4	010	-	Rel-5	Correction of description in superviseVolumeRes	A	5.4.0	N5-030350	OSA1

NP-030545

Rel-4/5 CRs 29.198-05 OSA API Part 5: Generic user interaction

NP-030545	29.198-05	040	-	Rel-4	Correction to UI service responseRequested logic	F	4.7.0	N5-030396	OSA1
NP-030545	29.198-05	041	-	Rel-5	Correction to UI service responseRequested logic	Α	5.4.0	N5-030397	OSA1

NP-030546

Rel-4/5 CRs 29.198-12 OSA API Part 12: Charging

NP-030546	29.198-12	023	-	Rel-4	Correcting charging State Transition when F reservation closed	4.4.0	N5-030394	OSA1
NP-030546	29.198-12	024	-	Rel-5	Correcting charging State Transition when A reservation closed	5.2.0	N5-030395	OSA1

CN approval is requested under Agenda item 7.10 25

3GPP OSA Stage 3 Rel-5 Issues



A GLOBAL INITIATIVE

Rel-5 CRs 29.198-01 OSA API Part 1: Overview NP-030547 NP-030547 29.198-01 025 Rel-5 Add Java Realization rules to solve MPCC name F 5.3.0 N5-030547 OSA2 conflicts NP-030547 29.198-01 026 Rel-5 **Correction to Java Realisation Rulebook** F 5.3.0 N5-030634 OSA2 -**NP-030548** Rel-5/6 CRs 29198-02/13/14 NP-030548 29.198-02 042 F 5.4.0 OSA2 Rel-5 **Correction of datatypes supported by TpAttribute** N5-030643 29.198-13 F OSA2 NP-030548 006 Rel-5 Correction of standard datatypes supported by 5.2.0 N5-030648 -**TpPolicy - Align with 29.198-02** NP-030548 29.198-13 007 Rel-6 Correction of standard datatypes supported by Α 6.0.0 N5-030647 OSA2 **TpPolicy - Align with 29.198-02** NP-030548 29.198-14 017 Rel-5 **Correction of description of TpAttributeType to** F 5.3.0 N5-030645 OSA2 _ adequately support possible types - Align with 29.198-02 F NP-030548 29.198-14 018 Rel-5 **Correction of definitin of TpPAMAttribute and** 5.3.0 N5-030646 OSA2 addition of Service Properties to publish supported

TV

CN approval is requested under Agenda item 8.2

attribute types - Align with 29.198-02

3GPP OSA Stage 3 Rel-5 Issues



NP-030549 Rel-5 CRs 29.198-03 OSA API Part 3: Framework

NP-030549	29.198-03	086	-	Rel-5	Correction of the sequence diagram for Fault Management	F	5.4.0	N5-030549	OSA2
NP-030549	29.198-03	087	-	Rel-5	Correction of State Transition Diagram for IpAccess	F	5.4.0	N5-030572	OSA2
NP-030549	29.198-03	088	-	Rel-5	Correction of Correlation Behaviour in Load Management	F	5.4.0	N5-030575	OSA2
NP-030549	29.198-03	089		Rel-5	Correction of Correlation Behaviour in Fault Management	F	5.4.0	N5-030632	OSA2
NP-030549	29.198-03	090	•	Rel-5	Correction and Clarification of Framework Access Session Behaviour	F	5.4.0	N5-030633	OSA2

NP-030550 Rel-5/6 CRs 29.198-04-3 OSA API Multi-Party Call Control SCF

NP-030550	29.198-04-3	016	-	Rel-5	Correction of description of TpNotificationRequestedSetEntry	F	5.4.0	N5-030566	OSA2
NP-030550	29.198-04-3	017	-	Rel-6	Correction of description of TpNotificationRequestedSetEntry	A	6.0.0	N5-030567	OSA2

NP-030551 Rel-5/6 CRs 29.198-04-4 OSA API Multi-Media Call Control SCF

NP-030551	29.198-04-4	011	-	Rel-5	Correction of method references in MMCC	F	5.4.0	N5-030351	OSA2
NP-030551	29.198-04-4	012	-	Rel-5	Include full set of 3GPP codecs in TpAudioCapabiltiesType and TpVideoCapabilitiesType	F	5.4.0	N5-030361	OSA2
NP-030551	29.198-04-4	013	-	Rel-6	Include full set of 3GPP codecs in TpAudioCapabiltiesType andTpVideoCapabilitiesType	A	6.0.0	N5-030362	OSA2

CN approval is requested under Agenda item 8.2

3GPP OSA Stage 3 Rel-6 Issues



NP-030552 Draft Rel-6 TS 29.199 v100 on Parlay X Web Services

CN invited to note under Agenda item 9.7

NP-030558 NP-030553 Revised Rel-6 Work Item Description for OSA Stage 3 Rel-6 CRs 29.198-1/14 OSA API Parts 1-14 and 29.998-04-4: OSA API Support for 3GPP2 networks

NP-030553	29.198-01	027	-	Rel-6	Add OSA API support for 3GPP2 networks	В	5.3.0	N5-030403	OSA3
NP-030553	29.198-02	041	-	Rel-6	Add OSA API support for 3GPP2 networks	В	5.4.0	N5-030404	OSA3
NP-030553	29.198-03	091	-	Rel-6	Add OSA API support for 3GPP2 networks	В	5.4.0	N5-030405	OSA3
NP-030553	29.198-04-1	008	-	Rel-6	Add OSA API support for 3GPP2 networks	B	6.0.0	N5-030526	OSA3
NP-030553	29.198-04-2	010	-	Rel-6	Add OSA API support for 3GPP2 networks	B	5.4.0	N5-030527	OSA3
NP-030553	29.198-04-3	019	-	Rel-6	Add OSA API support for 3GPP2 networks	B	6.0.0	N5-030528	OSA3
NP-030553	29.198-04-4	014	-	Rel-6	Add OSA API support for 3GPP2 networks	B	6.0.0	N5-030529	OSA3
NP-030553	29.198-05	042	-	Rel-6	Add OSA API support for 3GPP2 networks	B	5.4.0	N5-030530	OSA3
NP-030553	29.198-06	024	-	Rel-6	Add OSA API support for 3GPP2 networks	B	6.0.0	N5-030531	OSA3
NP-030553	29.198-07	015	-	Rel-6	Add OSA API support for 3GPP2 networks	B	5.4.0	N5-030532	OSA3
NP-030553	29.198-08	027	-	Rel-6	Add OSA API support for 3GPP2 networks	B	5.4.0	N5-030533	OSA3
NP-030553	29.198-11	022	-	Rel-6	Add OSA API support for 3GPP2 networks	В	5.3.0	N5-030534	OSA3
NP-030553	29.198-12	025	-	Rel-6	Add OSA API support for 3GPP2 networks	В	5.3.0	N5-030535	OSA3
NP-030553	29.198-13	005	-	Rel-6	Add OSA API support for 3GPP2 networks	В	6.0.0	N5-030536	OSA3
NP-030553	29.198-14	014	-	Rel-6	Add OSA API support for 3GPP2 networks	В	5.3.0	N5-030537	OSA3
NP-030553	29.998-04-4	001	-	Rel-6	Add OSA API support for 3GPP2 networks in ISC	В	5.0.0	N5-030538	OSA3
	20. 01 ad			1000	Manning	Maria			100

CN approval is requested under Agenda item 9.7

3GPP OSA Stage 3 Rel-6 Issues



NP-030554 Rel-6 CRs 29.198-03/05 OSA API Part 3: Framework/ Part 5: Generic user interaction

NP-030554	29.198-03	092	-	Rel-6	Add description for service super and sub types	B	5.4.0	N5-030389	OSA3
NP-030554	29.198-03	093	•	Rel-6	Add support for registration of additional service property types and modes	B	5.4.0	N5-030390	OSA3
NP-030554	29.198-03	094	-	Rel-6	Improve User Interaction message management functions	В	5.4.0	N5-030410	OSA3
NP-030554	29.198-05	043	-	Rel-6	Improve User Interaction message management functions	В	5.4.0	N5-030409	OSA3
NP-030554	29.198-03	095	2	Rel-6	Add new values for TpServiceTypeName for Policy Management	В	5.4.0	N5-030430	OSA3
NP-030554	29.198-03	096	-	Rel-6	Allow for applications to re-obtain the reference to the service manager	В	5.4.0	N5-030431	OSA3
NP-030554	29.198-03	097	ŀ	Rel-6	Add support in OSA to inform applications about new SCSs and their level of Backward compatibility – Align with SA1's 22.127	B	5.4.0	N5-030322	OSA3
NP-030554	29.198-03	098	-	Rel-6	Add "Extended User Status" as service type name - Align with 29.198-06	В	5.4.0	N5-030433	OSA3
NP-030554	29.198-03	099	-	Rel-6	Add P_USER_BINDING to TpServiceTypeName	В	5.4.0	N5-030579	OSA3
NP-030554	29.198-03	100	-	Rel-6	Modify Framework Availability Indication in Fault Management	С	5.4.0	N5-030631	OSA3

CN approval is requested under Agenda item 9.7

3GPP OSA Stage 3 Rel-6 Issues



GLOBAL INITIATIVE

NP-030555 Rel-6 CR 29.198-05 OSA API Part 5: Generic user interaction

NP-030555	29.198-05	044	-	Rel-6	Add speech recognition/synthesis capability to the Generic User Interaction	В	5.4.0	N5-030411	OSA3
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NP-030556 Rel-6 CR 29.198-11 OSA API Part 11: Account management

NP-0305	6 29.198-11	021	-	Rel-6	Add methods for balanceUpdate(), voucherUpdate()	В	5.3.0	N5-030336	OSA3
					and getCreditExpiryDate() to OSA Account	105			
		1	12	1	Management				1

NP-030557 Rel-6 CRs 29.198-14 OSA API Part 14: Presence and Availability Management (PAM)

NP-030557	29.198-14	015	-	Rel-6	Include Provisioning SCF in Presence Service - Align with SA1's 22.141	В	5.3.0	N5-030628	OSA3
NP-030557	29.198-14	016	-	Rel-6	Add methods to activate/deactivate PAM services for users - Align with SA1's 22.141	В	5.3.0	N5-030629	OSA3

CN approval is requested under Agenda item 9.7



For Information: ETSI OSA Interoperability Event

Plugtest at the ETSI Premises 26–30 Jan 2004

Information

http://www.etsi.org/plugtests/02UpcomingEvents/OSAParlay/OSAParlayHome.htm

Registration deadline 9 January 2004

http://www.etsi.org/plugtests/02UpcomingEvents/OSAParlay/OSAParlayRegistration.htm

Contact for more information francois.fischer@etsi.org

Fee 1500€ (includes 3 participants)



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Acknowledgements



CN5 thank

Musa UNMEHOPA

from Lucent,

for his outstanding work, reaching far beyond the usual tasks of a

3GPP WG Vice Chair



Welcome New CN5 VC



CN5 welcome

John-Luc BAKKER

from Telcordia,

as new CN5 Vice-Chair