

Source: SA5 (Telecom Management)
Title: WID WT Subscription Management (SuM) IRP Solution Sets
Document for: Approval
Agenda Item: 7.5.3

3GPP TSG-SA5 (Telecom Management)
Meeting #42, Montreal, CANADA, 9 - 13 May 2005

S5-050285

Work Item Description

Title: Subscription Management (SuM) IRP Solution Sets
Acronym: OAM7-NIM-SuM
Unique_ID: 35049

Standardization of **SuM operations** will significantly enhance the ability of 3GPP based networks to provision and administer complex services in the areas of:

- Multimedia;
- Data services;
- Value Added Services;
- End-to-end applications.

1 3GPP Work Area

	Radio Access
	Core Network
X	Services

2 Linked work items

OAM&P (Operations, Administration, Maintenance & Provisioning) (Feature: OAM)

WI	Unique_ID
OAM7	35041

still to be defined:

- SA5: Subscription Management (SuM)
 - SA5: SuM Services Operations Management (Requirements, Architecture and Data)

3 Justification

To enable service providers to administer the subscription data defined in the Network Resource Model (NRM) an adequate Interface IRP fulfilling the SuM operations requirements has to be specified.

Rel-6 SuM work concluded existing IRPs shall be reused to fulfill the SuM operations requirements.

The Solution Sets used for these existing IRPs were found not to be adequate for SuM and SOAP has been agreed to be the suitable technology for SuM.

Enhancements in the SuM NRM Information Service will result in adjustment of the existing SuM NRM IRP XML definition.

4 Objective

- Add new SOAP SSs to TS 32.101 Telecommunication management; Principles and high level requirements

- Create a new TS 32.161 on SuM Interface IRP Requirements - for bridging the operations requirements to the Solution Sets;
- Update of TS 32.175 on SuM NRM IRP XML definition and alignment with the SOAP SS used for the Interface IRP;
- For existing IRPs to create new TSs 32.307/317/607/617/667 on SuM Interface IRP SOAP SSs:

32.307 Notification IRP SOAP SS
 32.317 Generic IRP Management SOAP SS
 32.607 Basic CM IRP SOAP SS
 32.617 Bulk CM IRP SOAP SS
 32.667 Kernel CM IRP SOAP SS

- 5 **Service Aspects**
None
- 6 **MMI-Aspects**
None
- 7 **Charging Aspects**
None
- 8 **Security Aspects**
None
- 9 **Impacts**

Affects:	UICC apps	ME	AN	CN	Others
Yes				X	
No					
Don't know	X	X	X		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
32.161	Subscription Management (SuM) Interface IRP: Requirements	SA5		12/2005	03/2006	Bridging the operations requirements to the Solution Sets. Rapporteur: tbd
32.307	Notification IRP SOAP SS	SA5		12/2005	03/2006	Rapporteur: Ericsson
32.317	Generic IRP Management SOAP SS			12/2005	03/2006	Rapporteur: Ericsson
32.607	Basic CM IRP SOAP SS			12/2005	03/2006	Rapporteur: Ericsson
32.617	Bulk CM IRP SOAP SS			12/2005	03/2006	Rapporteur: tbd
32.667	Kernel CM IRP SOAP SS			12/2005	03/2006	Rapporteur: Ericsson
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
32.101		Add new SOAP SSs		12/2005		Telecommunication management; Principles and high level requirements
32.175		Align with changes in 32.172 and the Interface IRP		12/2005		SuM NRM IRP: XML definition

- 11 **Work item rapporteur(s)**
Istvan ABA (Istvan.Aba@t-mobile.at)
- 12 **Work item leadership**
SA5
- 13 **Supporting Companies**
T-Mobile, Nokia, Ericsson, Nortel, Siemens, TeliaSonera, Vodafone, Orange, Motorola
- 14 **Classification of the WI (if known)**

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

- 14a The WI is a Feature: List of building blocks under this feature
- 14b The WI is a Building Block: parent Feature
- 14c The WI is a Work Task: parent Building Block

OAM&P (Operations, Administration, Maintenance & Provisioning) (Feature: OAM)

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still to be defined:

- SA5: Subscription Management (SuM)