

**Source:** SA5 (Telecom Management)  
**Title:** WID WT Rules for Vendor Specific Extensions  
**Document for:** Approval  
**Agenda Item:** 7.5.3

**3GPP TSG-SA5 (Telecom Management)**  
**Meeting #42, Montreal, CANADA, 09 - 13 May 2005**

**S5-050291**

**Work Item Description**

**Title:** Rules for Vendor Specific Extensions  
**Acronym:** OAM7-NIM  
**Unique\_ID:** 35055

**1 3GPP Work Area**

X	Radio Access
X	Core Network
	Services

**2 Linked work items**

*still to be defined:*

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

WI	Unique_ID
OAM7	35041

Network Infrastructure Management (BB: OAM-NIM)

WI	Unique_ID
OAM7-NIM	35042

**3 Justification**

3GPP does allow for numerous vendor specific extensions to the 3GPP defined NRM IRPs. These include new vendor specific object classes, sub-classing and the use of vendor specific data containers. However, numerous aspects related to vendor specific extensions are not yet specified. This results in poor functionality related to the vendor specific extensions and poor interoperability.

**4 Objective**

The objective of this Work Item is to:

- specify recommendations which vendor specific extension mechanisms should be used preferably for which vendor extension types
- provide clarifications regarding the usage of the extension mechanisms. These include:
  - naming rules for vendor specific extensions
  - filtering (syntax and semantics) on vendor specific extensions
  - support of notifications on vendor specific extensions
  - mechanisms allowing to access one parameter or a subset of all vendor specific parameters

- mechanisms allowing optimized reporting of value changes of one parameter or a subset of all vendor specific parameters
- align the allowed and possible extension mechanisms across the IS, CORBA, CMIP and XML specifications.

**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
<b>Yes</b>			<b>X</b>	<b>X</b>	
<b>No</b>	<b>X</b>	<b>X</b>			<b>X</b>
<b>Don't know</b>					

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

Depending on the agreed solution one or more existing IRPs will be changed.

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject			Approved at plenary#	Comments
32.62n		Impact on these TSs depends on SA5's chosen functionality and function split			03/2006	Configuration Management (CM); Generic network resources IRP
Note:		For n = 1 to 5				

**11 Work item rapporteur(s)**

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**12 Work item leadership**

SA5

**13 Supporting Companies**

Ericsson, Lucent, Motorola, Siemens

**14 Classification of the WI (if known)**

	Feature (go to 14a)
	Building Block (go to 14b)
<b>X</b>	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)

14c The WI is a Work Task: parent Building Block  
(one Work Item identified as a building block)

*still to be defined:*

Network Infrastructure Management (BB: OAM-NIM)

WI	Unique_ID
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