

Source: SA5 (Telecom Management)
Title: WID WT Network Management (NM) Itf-N performance criteria
Document for: Approval
Agenda Item: 7.5.3

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

S5-050283

Work Item Description

Title: Network Management (NM) Itf-N performance criteria
Acronym: OAM7-NIM
Unique_ID: 35047

1 3GPP Work Area

X	Radio Access
X	Core Network
	Services

2 Linked work items

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

Performance is a key point to ensure the quality of a product. This is also the case for the UMTS network management Itf-N. The current SA5 specifications define the function requirements and solution for UMTS network management Itf-N. But to ensure the all-around quality of the Itf-N, a series of reasonable performance criteria is needed. Performance criteria points out the potential risk from the kinds of aspects for UMTS network management Itf-N. It should be scientific and able to accurately reflect the performance bottle-neck points of the Itf-N. It's necessary to have a Work Task which focus on the definition of performance criteria to evaluate the performance of Itf-N. These performance criteria will be considered by vendors when implement their products, especially when design the internal architecture of the IRP Agent which may influence the performance of Itf-N. These performance criteria will also be useful for operators as a guide to evaluate Itf-N products.

4 Objective

Define Itf-N performance criteria. The value definition of itf-N performance criteria is out of the scope of this WID.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

8 None
Security Aspects
None

9 **Impacts**

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

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

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TS 32.yzx	Telecommunication management; Itf-N performance criteria	SA5		09/2005	12/2005	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

11 **Work item rapporteur(s)**
China Mobile (liyewen@chinamobile.com)

12 **Work item leadership**
SA5

13 **Supporting Companies**
China Mobile, Huawei, ZTE, CATT, Nortel, Nokia

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
(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

Network Infrastructure Management (BB: OAM-NIM)

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