

3GPP TSG-CN Meeting #25
8th – 10th September 2004. Palm Springs, USA.

NP-040341

Source: CN3
Title: WID for DIAMETER on the GGSN Gi interface
Agenda item: 10.1
Document for: APPROVAL

Work Item Description

Title

DIAMETER on the GGSN Gi interface

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

None

3 Justification

Currently, the Gi interface in GPRS (TS29.061, Rel-6) only supports the RADIUS protocol. Other platforms that could have used either RADIUS or Diameter have been allowed to use Diameter in the specifications.

Diameter is used on a multitude of interfaces including Cx, Sh, Gq, Ro, Rf, in IMS, policy control and IP flow charging.

4 Objective

Diameter should be specified also for use on the Gi interface.

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	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
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
TS 29.061		Provision AAA information over Diameter transport		CN#29 (Sept.2005)	Add Diameter support to Gi interface	

11 Work item raporteurs

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12 Work item leadership

CN3

13 Supporting Companies

T-Mobile, Cisco Systems, Nortel Networks, Siemens

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

14b The WI is a Building Block: parent Feature
(TEI-7)

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