

3GPP TSG CT Meeting #28
1st – 3rd June 2005. Quebec, CANADA.

CP-0500030

Source: CT3
Title: Terms of Reference for CT3
Agenda item: 11.2
Document for: ToR

3GPP TSG-CT WG3 Meeting #36
Cancun, Mexico. 25th - 29th April 2005.

C3-050427

Source: CT3 Convenor
Title: CT3 Terms of Reference
Agenda item: 6
Document for: Discussion and approval

Introduction.

CT3 is requested to provide an updated Terms of Reference (ToR) to the CT plenary in June 2005. Below is an updated ToR agreed at CT3#36, which is proposed to replace the current ToR (NP-010222).

Terms of Reference for TSG-CT WG3 (CT3)

1. General

CT3 is responsible for:

1. Interworking between a 3GPP PLMN and external nodes or networks.
2. Policy and charging control, end-to-end QoS mechanisms.

2. Areas of responsibility

- CS domain
 - Transport protocols from the core network towards the UE, incl. rate adaptation and RLP.
 - Data call signalling parameters from the core network towards the UE.
 - Control plane and user plane interworking towards the fixed network.
 - User plane protocols between MGWs (Nb interface).
- PS domain and WLAN
 - Interworking between GPRS and external IP networks including enterprise networks. Stage 2 and stage 3 responsibility for bearer level and AAA and DHCP functionality.
 - Interworking between WLAN and external IP networks, incl. bearer level and AAA functionality.
 - Providing presence information to the Presence Network Gateway from access network (e.g GPRS and WLAN) gateways.
 - Interworking between access network gateways and service networks/nodes, incl. MBMS Gmb interface
 - R reference point (TE – MT) related to the PDP context de/activation (scope of TS 27.060), incl. general requirements for AT commands
- IM CN subsystem (IMS) of the PS domain
 - Interworking with CS networks
 - Interworking with external IP networks
 - Bearer related network entities, e.g. IM-MGW, TrGW
 - NGN related interworking impacts
- Services
 - Circuit switched data services, incl. multimedia, facsimile and text telephony
 - Service Change and UDI Fallback (SCUDIF), stage 2
- Policy and Charging Control, QoS
 - Service Based Local Policy within a PLMN and between a PLMN and external Application Functions
 - QoS mapping between service layer and access network bearer layer
 - End-to-end QoS mapping and negotiation
 - Usage of QoS protocols (such as DiffServ, RSVP and NSIS)
 - Provisioning of charging rules and charging policies at access network gateways

3 Dependencies with other groups

CT3 has important dependencies with the following work performed in other 3GPP groups:

- CT1: The radio interface layer 3 procedures and protocols, IMS signalling
- CT4: Diameter coordination, stage 2 for the split CS architecture and TrFO, Mc and Mn interfaces, GTP
- RAN3: Iu-CS interface
- SA1: Service requirements

- SA2: Overall architecture
- SA4: PS services e.g. MBMS user services, conversational services used in IMS
- SA5 SWG B: Gy interface for Flow Based Charging

Furthermore, CT3 has important dependencies with work performed in the following external entities: ITU-T, IETF and ETSI TISPAN

4 Specifications

CT3 is responsible for the technical specifications and reports listed under the following link: <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--C3.htm>