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Liaison Statement

From: T2
To: Michele Zarri (One2One), Rapporteur 3G TR 21.905 "3G Vocabulary"
Cc: TSG-T
Subject: Additions to 3G TR 21.905

T2 reviewed 3G TR 21.905 v1.0.0. Please find below definitions and abbreviations proposed by T2 for inclusion into 3G TR 21.905. Additionally, T2 proposes the inclusion of the definitions agreed by SAG-SA#5 in SP-99493 (attached).

Definitions

Active communication: a UE is in active communication when it has a CS connection established. For PS active communication is defined by the existence of one or more Activated PDP contexts. Either one or both of the mentioned active communications may occur in the UE.

applet: a small programme that is intended not to be run on its own, but rather to be embedded inside another application

best effort QoS (Quality of Service): The best effort QoS refers to the lowest of all QoS traffic classes. If the guaranteed QoS cannot be delivered, the bearer network delivers the QoS which can also be called best effort QoS.

delivered QoS: Actual QoS parameter values with which the content was delivered over the lifetime of a QoS session.

key pair: Key pairs are matching private and public keys. If a block of data is encrypted using the private key, the public key from the pair can be used to decrypt it. The private key is never divulged to any other party, but the public key is available, e.g. in a certificate.

MExE Classmark: a MExE Classmark identifies a category of MExE MS supporting MExE functionality with a minimum level of processing, memory, display and interactive capabilities. Several MExE Classmarks may be defined to differentiate between the functionalities offered by different MExE MSs. A MExE application or applet defined as being of a specific MExE Classmark indicates that it is supportable by a MExE MS of that Classmark.

MExE executable: An executable is an applet, application, or executable content, which conforms to the MExE specification and may execute on the ME.

MExE server: a node supporting MExE services in the MExE service environment

MExE service: a service enhanced (or made possible) by MExE technology

MExE service environment: Depending on the configuration of the PLMN, the operator may be able to offer support to MExE services in various ways. Examples of possible sources are from traditional GSM nodes, IN nodes, operator-specific nodes, operator-franchised nodes and services provider nodes, together with access to nodes external (i.e. vendor-specific) to the PLMN depending on the nature of the MExE service. These nodes are considered to constitute the MExE service environment. The MExE service environment shall support direct MExE MS to MExE MS interaction of MExE services.

MExE service provider: an organisation which delivers MExE services to the subscriber. This is normally the PLMN operator, but could be an organisation with MExE responsibility (which may have been delegated by the PLMN operator).

MExE-SIM: A SIM that is capable of storing a security certificate that is accessible using standard mechanisms.

MExE subscriber: the owner of a subscription who has entered into an agreement with a MExE service provider for MExE services.

Multi-mode UE: UE that can obtain service from at least one UTRA radio access mode, and one or more different systems such as GSM bands or possibly other radio systems such IMT-2000 family members. [3G TS22.129 "Handover requirements between UMTS and GSM or other Radio Systems."]

negotiated QoS: In response to a QoS request, the network shall negotiate each QoS attribute to a level that is in accordance with the available network resources. After QoS negotiation, the bearer network shall always attempt to provide adequate resources to support all of the negotiated QoS profiles.

phonebook: A phonebook is a dataset of personal or entity attributes. The simplest form is a set of name-number pairs as supported by GSM SIMs.

QoS profile: A QoS profile comprises of a number of QoS parameters. A QoS profile is associated with each QoS session. The QoS profile defines the performance expectations placed on the bearer network.

QoS session: Lifetime of PDP context. The period between the opening and closing of a network connection whose characteristics are defined by a QoS profile. Multiple QoS sessions may exist, each with a different QoS profile.

Radio access technology: UMTS, GSM etc [3G TR25.990 "Vocabulary"]

requested QoS: A QoS profile is requested at the beginning of a QoS session. QoS modification requests are also possible during the lifetime of a QoS session.

subscribed QoS: The network will not grant a QoS greater than that subscribed. The QoS profile subscription parameters are held in the HLR. An end user may have several QoS subscriptions. For security and the prevention of damage to the network, the end user cannot directly modify the QoS subscription profile data.

Abbreviations

CA	Certification Authority
CCM	Certificate Configuration Message
CC/PP	Composite Capability/Preference Profiles
CGI	Common Gateway Interface
CP-Admin	Certificate Present (in the MExE SIM) - Administrator
CP-TP	Certificate Present (in the MExE SIM) - Third Party
Diff-serv	Differentiated Services
DHCP	Dynamic Host Configuration Protocol
GPRS	General Packet Radio Service
GSM	Global System for Mobile Communication
HLR	Home Location Register
HTTP	HyperText Transfer Protocol
HTTPS	HyperText Transport Protocol Secure (https is http/1.1 over SSL, i.e. port 443)
IETF	Internet Engineering Task Force
JAR file	Java Archive File
JNDI	Java Naming Directory Interface
JTAPI	Java Telephony Application Programming Interface

MExE Mobile Station (Application) Execution Environment
MSE MExE Service Environment
OCF OpenCard Framework
PDP Packet Data Protocol
RDF Resource Description Format
RFC Request For Comments
SAT SIM Application Toolkit
SIM Subscriber Identity Module
SP Service Provider
TLS Transport Layer Security
TP Third Party
UI User Interface
URI Uniform Resource Identifier
URL Uniform Resource Locator
WAE Wireless Application Environment
WAP Wireless Application Protocol
WDP Wireless Datagram Protocol
WSP Wireless Session Protocol
WTA Wireless Telephony Applications
WTAI Wireless Telephony Applications Interface
WTLS Wireless Transport Layer Security
WTP Wireless Transaction Protocol