3RD GENERATION PARTNERSHIP PROJECT 2 "3GPP2"

TSG CORRESPONDENCE

Mr. Richard Robinson
Chair, 3GPP2 TSG-S
Sprint
M/S KSOPHD0504-5D124
6220 Sprint Parkway
Overland Park, KS 66251-6118

rrobin01@sprintspectrum.com

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Mr. Michael Truss
Chair, 3GPP TSG-SA WG5
Motorola Ireland Ltd.
Mahon Industrial Estate
Blackrock
Cork, Ireland
Michael.Truss@motorola.com

Re: LS on Split of IMS Entities in a separate NRM

Dear Mr. Truss,

3GPP2 TSG-S WG5 thanks 3GPP TSG-SA WG5 for your correspondence. In response to actions stated by 3GPP TSG-SA WG5, please note the following:

a) *SA5 asks 3GPP2 TSGS WG5 group to study this split in light of the advantages that it offers and advise 3GPP SA5 of any concerns that it has in this regard.*

3GPP2 TSG-S WG5 did study a potential split, considered the stated advantages, identified certain disadvantages and concluded that at this stage 3GPP2 TSG-S WG5 will maintain its single 3GPP2 Core NRM IRP that contains already IMS network elements. For consideration of 3GPP TSG-SA WG5 please note:

- The 3GPP2 architecture specification (S.R0037-0) specifies a combined Core Network that includes CS, PS, and MMD/IMS components and their interface reference points. Also note that the same 3GPP2 architecture specification (S.R0037-0) specifies within the combined Core Network also Service Specific Entities and their interface reference points.
- The 3GPP2 NRM IRP specifications contain extensive aspects of link management – and splitting the 3GPP2 Core NRM IRP would increase specification efforts significantly. In this context also 3GPP TSG-SA WG5 should consider such impacts in case of future Link related additions to its Core NRM IRP(s).
- The decisions on placement of common Core network elements, e.g. HSS, into either NRM IRP should be considered non-trivial.

- Splitting the 3GPP TSG-SA WG5 Core NRM IRP in its current fashion does not address concerns raised by 3GPP2 TSG-S WG5 in its December 2003 liaison (S00-20031208-119R1 – see item "Inheritance of relationships") and therefore potentially duplicates this issue into another NRM IRP (please note also that 3GPP2 TSG-S WG5 would appreciate a final response on the mentioned liaison as early as possible).
- With respect to the argument "manageability/simple", please note that from a 3GPP2 TSG-S WG5 perspective experience has shown that rather the opposite is true in the long run (especially for NRM IRP's where mandatory & optional aspect on an IOC basis are not of significance). Multiple specifications become less manageable when there are more NRM IRP's that interface with each other. Also considered should be that with each introduction of a new NRM IRP, systems have to deal with another potential version incompatibility of a dedicated NRM IRP.
- With respect to argument "separation" to allow for different Solution Sets (e.g. SNMP) please note that from a 3GPP2 TSG-S WG5 perspective this is an interesting aspect. Nevertheless for 3GPP2 TSG-S WG5 it is currently unclear whether 3GPP TSG-SA WG5 seriously considers SNMP SS's, given that this will not only impact NRM IRP's. 3GPP2 TSG-S WG5 is interested to get into more detailed discussions on this topic, not only related to SNMP.

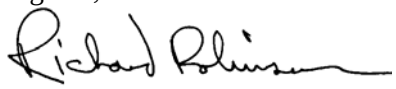
3GPP2 TSG-S WG5 would welcome if 3GPP SA WG5 would reconsider its current approach regarding Core NRM IRP split given information provided above.

b) *SA5 would like to know if the selected approach would jeopardize the alignment of 3GPP2 with 3GPP specifications like the way it is currently being carried out in each Release.*

Given that 3GPP2 already defines its own 3GPP2 Core NRM IRP (due to architectural differences between 3GPP & 3GPP2) there is no direct impact on 3GPP2 specifications in case 3GPP TSG-SA WG5 is implementing its current approach on splitting the 3GPP Core NRM IRP's. Nevertheless aspects stated above should be taken into account.

3GPP2 TSG-S would appreciate consideration of these aspects and welcome further discussions. If you have additional questions, please contact: Jörg Schmidt, Chair 3GPP2 TSG-S WG5 (3GPP2 OAM&P).

Regards,



Richard Robinson
Chair, 3GPP2 TSG-S

cc:	Hideo Okinaka	Chair, 3GPP2 SC	okinaka@ma.kcom.ne.jp
	Henry Cuschieri	3GPP2 Secretariat	hcuschieri@tiaonline.org
	Niels Peter Skov Andersen	Chair, 3GPP TSG-SA	NPA001@motorola.com