

**Source:** CN3  
**Title:** All LSs send from CN3 since CN#24 Meeting  
**Agenda item:** 6.3.1  
**Document for:** INFORMATION

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**Introduction:**

This document contains all the LSs APPROVED and sent by CN3 since the last CN Plenary.

<b>Tdoc</b>	<b>Title</b>	<b>LS To</b>	<b>LS Cc</b>	<b>Attachment</b>
N3-040531	LS on Allocation of 3GPP specific AVP numbers and Experimental Result Codes for Gq interface	CN4	-	-
N3-040547	LS on sending the GGSN Address on the Gq interface	SA2	SA5	-
N3-040561	LS on Request of Gmb Diameter code Values	CN4	-	-
N3-040573	LS on the evolution of the Gi Radius interface for charging purposes	SA2	-	-
N3-040584	LS on Early media session establishment in IMS	SA2	CN1	-

**Title:** LS on Allocation of 3GPP specific AVP numbers and Experimental Result Codes for Gq interface

**Release:** Rel 6

**Work Item:** QoS1

**Source:** CN3

**To:** CN4

**Contact Person:**

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**Attachments:** none

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## 1. Overall description

CN3 has allocated the CN4 granted 3GPP specific AVP numbers as follows to the Gq interface defined in TS 29.209 (approval at NP#25 in September):

AVP Code	Attribute Name	Data Type	Specified in the TS
500	Abort-Cause	Enumerated	29.209
501	Access-Network-Charging-Address	Address	
502	Access-Network-Charging-Identifier	Grouped	
503	Access-Network-Charging-Identifier-Value	OctetString	
504	AF-Application-Identifier	OctetString	
505	AF-Charging-Identifier	OctetString	
506	Authorization-Token	OctetString	
507	Flow-Description	IPFilterRule	
508	Flow-Grouping	Grouped	
509	Flow-Number	Unsigned32	
510	Flows	Grouped	
511	Flow-Status	Enumerated	
512	Flow-Usage	Enumerated	
513	Gq-Specific-Action	Enumerated	
514	Max-Requested-Bandwidth	Unsigned32	
515	Max-Requested-Bandwidth-DL	Unsigned32	
516	Max-Requested-Bandwidth-UL	Unsigned32	
517	Media-Component-Description	Grouped	
518	Media-Component-Number	Unsigned32	
519	Media-Sub-Component AVP	Grouped	
520	Media-Type	Enumerated	
521	RR-Bandwidth	Unsigned32	
522	RS-Bandwidth	Unsigned32	
523	SIP-Forking-Indication	Enumerated	

CN3 has allocated the CN4 granted 3GPP specific Experimental Result Codes of type Permanent Failures as follows to the Gq interface defined in TS 29.209 (approval at NP#25 in September):

Experimental Result Code	Result text	Specified in the TS
5061	GQ_INVALID_SERVICE_INFORMATION	29.209
5062	GQ_FILTER_RESTRICTIONS	

## 2. Actions

CN3 kindly asks CN4 to add these allocations to TS 29.230.

## 3. Date of Next TSG-SA2 Meetings

CN3#33bis	4-7 October 2004	Sophia Antipolis, France
CN3#34	15-19 November 2004	Seoul, Korea

**Title:** LS on the evolution of the Gi interface for AAA purposes  
**Response to:** -  
**Release:** Rel-6  
**Work Item:** TEI6.

**Source:** CN3  
**To:** SA2  
**Cc:** -

**Contact Person:**

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**Attachments:** -

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**1. Overall Description:**

CN3 has been developing the AAA Radius interface within the Gi interface, as specified in TS 23.060, for several releases. Currently, several new Radius attributes are being discussed within CN3. Some of these parameters are also listed in the informative Annex A of stage 2 TS 23.125.

CN3 would like to consult SA2 on the degree of openness of the Gi interface for AAA purposes and to ask for guidance on how future work on the Gi interface should be organized.

CN3 also asks for specific guidance on the requirement for the following parameters currently being discussed within CN3:

- SBLP filters,
- TFT filters,
- Negotiated DSCP,
- ICID,
- RAT Type,
- User Location Information,
- MS Time Zone,
- CAMEL Charging Information Container.

**2. Actions:**

**To SA2 group.**

**ACTION:** CN3 asks SA2 to clarify the openness of the Gi interface for AAA purposes in general. CN3 also seeks guidance on the normative requirements for the above mentioned parameters.

Further, CN3 asks SA2 to consider whether the stage 2 description should be updated to clearly indicate the degree of openness of the interface for the future stage 3 work. CN3 also asks SA2 whether they have an intention of detailing the information to be conveyed by Radius on the Gi interface.

**3. Date of Next CN3 Meetings:**

CN3#33bis                      4<sup>th</sup> - 7<sup>th</sup> October 2004                      Sophia Antipolis, France.

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**Title:** Request of Gmb Diameter code values

**Release:** Rel-6

**Source:** CN3

**To:** CN4

**Cc:**

**Contact Person:**

**Name:** Javier Gonzalez Gallego

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**1. Overall Description:**

CN3 have detected the need for a new Application-Id for the Rel-6 Gmb Diameter interface (specified in TS 29.061).

CN3 would also like to kindly inform CN4 about the need for a range of new AVPs and a range for new result codes for permanent failures for the Rel-6 Gmb interface.

**2. Actions:**

**To CN4**

**ACTION:**

CN3 kindly ask CN4 to allocate for the Rel-6 Gmb (TS 29.061) interface, the following:

- A new Application identifier (to be requested from IANA) to identify the Rel-6 Gmb interface application;
- A range of 100 3GPP specific AVPs; and
- A range of 20 3GPP specific Experimental-Result-Codes of type Permanent failure (5xxx).

**3. Date of Next CN3 Meeting:**

CN3#33bis                    4<sup>th</sup> – 7<sup>th</sup> October 2004                    Sophia Antipolis, France

CN3#34                        15<sup>th</sup> - 19<sup>th</sup> November 2004                    Seoul, Korea.

**Title:** LS on sending the GGSN Address on the Gq interface

**Source:** CN3

**To:** SA2

**CC:** SA5

**Contact Person:**

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**1. Overall Description:**

CN3 could not agree if the GGSN address shall be sent from the PDF to the AF via the Gq interface, if available.

Companies in favour of sending the GGSN address argued that the AF may require the GGSN address together with the GCID for charging correlation purposes.

However, concerns were expressed that sending the GGSN address via the Gq interface, which may be an inter-operator interface, bears security risks.

**2. Actions:**

**To SA2 group.**

**ACTION:** CN3 asks SA2 group to give guidance if sending the GGSN address via the Gq interface is required.

**3. Date of Next CN3 Meetings:**

CN3\_34                      15<sup>th</sup> - 19<sup>th</sup> November 2004                      Seoul, Korea.

**Title:** Reply to LS on Early media session establishment in IMS  
**Response to:** S2-042267 (N3-041440)  
**Release:** Release 6  
**Work Item:** IMS2

**Source:** CN3  
**To:** SA2  
**Cc:** CN1

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**Attachments:** -

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**1. Overall Description:**

CN3 have considered the Liaison Statement from SA2 regarding support of the SIP extension draft ("draft-ietf-sipping-early-disposition-01"). CN3 has made the following conclusions:

- Early media is already supported in Release 6 (also in Release 5). Support of draft-ietf-sipping-early-disposition-01 is not required in order to support early media. However, some of the functionality may enhance the performance when interworking to PSTN, since it may decrease the clipping problem after 200 OK. Although, CN 3 still thinks that the functionality provided in Release 6 is sufficient, taking into account the additional complexity imposed by the draft-ietf-sipping-early-disposition-01.
- draft-ietf-sipping-early-disposition-01 defines extensions which can be used together with early media but none of those are required for Release 6, neither would they provide support for any new functionality in Release 6.
- CN 3 sees no need for any architectural changes for Release 6.

**2. Actions:**

**To SA2 group.**

**ACTION:** CN3 kindly asks SA2 to take this response into account for the forthcoming work.

**3. Date of Next TSG-CN3 Meetings:**

CN3_33bis	4 <sup>th</sup> – 7 <sup>th</sup> October 2004	Sophia
CN3_34	15 <sup>th</sup> – 19 <sup>th</sup> November 2004	Seoul, South Korea