

**Title:** LS on 3GPP specific Diameter applications  
**Source:** CN4  
**Agenda item:** 5.1  
**Document for:** INFORMATION / ACTION

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**3GPP TSG CN WG4 Meeting #14**  
**Budapest, Hungary, 13<sup>th</sup> – 17<sup>th</sup> May 2002**

**N4-020732**

**Release:** Release 5  
**Work Item:** Cx interface (HSS to CSCF)

**To:** SA, CN, SA5  
**Cc:** -

**Contact Person:**

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**Attachments:** None

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**1. Overall Description:**

CN4 have agreed to develop the protocols for Cx, Dx and Sh interfaces as IETF vendor specific Diameter applications, where the vendor is 3GPP. The vendor identifier assigned by IANA to 3GPP (<http://www.iana.org/assignments/enterprise-numbers>) is 10415.

Chapter 6.4 in 3GPP TS 29.229 (protocols details for Cx and Dx interfaces) and 3GPP TS 29.329 (protocol details for Sh interface) detail the namespaces that CN4 have made use of so far.

CN4 are developing authentication applications, which are not likely to clash with SA5's work on accounting.

If other TSG WGs make use of Diameter and develop their own applications, we face the risk of problems in the management of the namespaces (application identifiers, command codes, AVP codes, result codes) that would lead to interoperability problems. Currently, CN4 is not aware of any other TSG WG developing such applications.

**2. Actions:**

**To SA**

**ACTION:** CN4 kindly ask SA whether there are any other groups which are using the 3GPP vendor-specific namespace in Diameter.

**To SA5**

**ACTION:** CN4 kindly asks SA5 to take note of the need to manage the 3GPP vendor-specific namespace in Diameter.

**To CN**

**ACTION:** CN4 kindly requests that CN4 manages the namespace for the IETF vendor specific Diameter application, where the vendor is 3GPP. The concrete mechanism is to be co-ordinated with/established by the MCC.

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

CN4 #15	29 <sup>th</sup> July – 2 <sup>nd</sup> Aug. 2002	Helsinki, FINLAND
CN4 #16	23 <sup>rd</sup> Sep. – 27 <sup>th</sup> Sep. 2002	USA