3GPP TSG SA WG3 Security — S3#14   **S3-000478**

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Oslo, Norway

Source: **S3 (Security)**

To: **S2**

CC: **CN4, S5**

Title: **LS to S2 on use of IP for security key distribution**

Contact: **Valtteri.Niemi@nokia.com**

As well known by the S2 the S3 is specifying core network signalling security mechanisms for UMTS R00. In the early phase of R00 the CN4 group has prepared specifications for secure transport of MAP dialogues (so-called layer 3 of MAP security in TS 33.102). To be able to support this a security key management mechanism is under development in S3 (so-called layers 1 and 2 of MAP security).

For key distribution from Key Administration Centre (KAC) to all core network elements in the same PLMN (layer 2) an IP based solution is being developed by S3. Therefore, it is kindly asked that S2 checks

All UMTS R00 core network elements support the IP protocol at least for communication with the Key Administration Centre.