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Title:	**Allocation of IM work to CN WGs**
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As a result of the S2 architectural work on the IM domain approaches stability, CN will be tasked with turning the S2 architecture into concrete protocols. SIP has so far been the most visible output of the S2 work, but it is only one of many protocols that must be specified in order to support the IM domain. This upcoming protocol work differs from the traditional CN protocol work in a few fundamental ways:
- The protocols are in most cases end-to-end so the usual protocol segmentation we have in CN doesn't work well.
- We will act as stewards of the protocol (analyzing it, validating it, extending it if necessary, clarifying how it is used, specifying packages and parameter values), but we don't own the protocol (at least that is the goal).

I would like to keep the CN working groups as they are now. The division of responsibility for the CS and PS domains work well and there is still much work to do in these areas. However, for the IM domain, the normal allocation by interface does not work well. As a protocol steward it is desirable to keep the responsibility for a protocol in one group, regardless of which interfaces it crosses. In IETF, most of the protocols address a specific functionality, so it is desirable to allocate the IM protocol responsibility to groups that have historically dealt with that function.
The following work allocation is proposed:

- N1: SIP (Call control) including SIP supplementary services, SDP (Session Definition Protocol)
- N2: CAMEL extensions for VoIP and multimedia(although I personally have some reservations on whether this makes sense)
- N3: ~~SDP (Session Definition Protocol),~~ QoS protocols (such as RSVP), RTP (CRPT should probably be in R3).
- N4: Name to Address translation functions, AAA protocols, security protocols, , subscriber data management in HSS and the HSS to CSCF protocols to support this~~AAA protocols, security protocols, non-application layer protocols and protocol stacks (use of IPv6, SS7 over IP), subscriber data management in HSS, naming and addressing functions~~.
- N5: extension of OSA (or whatever it's new name is) to VoIP and multimedia

This allocation would mean for example that all SIP protocol issues would be addressed by N1 regardless of which interfaces it was carried over. In many cases this means that N1 will be addressing issues that would traditionally been the remit of N4.
Many of these protocols must be used in concert to provide the required mobility functionality. For this reason, it is desirable that the CN WGs co-locate as many meeting as possible during the first half of 2001.