Multicast Scoping - RC

Issues

- Desires
  - RC
    - Client has the ability to select whether multicast frames that are scoped are learned/not-learned on a frame by frame basis.
      - Multicast frames from the client may either be basic frames or extended frames
    - Client is able to invoke unidirectional/bidirectional flooding (MA_DATA.request flooding_form) of SAS'd frames. SAS should not override client flooding request with the MAC default (myfloodingform).

Proposal (RC)

- The SAS state machine processing for multicast frames is based on whether the client requested the request_sas parameter or not.
  - If the request_sas parameter is true, then the frame goes through the current SasEncodeAddr() function, otherwise it skips the SasEncodeAddr()
  - If the request_sas parameter is true, the ttl values associated with multicast scoping entries must obey the cleave point scoping rules.
  - When the frame is presented to the sdbMcastlookup() it uses the outer DA for frames that are not SasEncoded and uses the inner DA for frames that are SasEncoded.