Distributor Requirements

- **Distributor allocates each frame to a physical link belonging to the aggregation.**
- **The method used for frame distribution must appear, to the users of the MAC service, to meet the frame ordering requirements of 802.1D, but is not specified by this standard.**
  - **Every method for frame distribution known to this group, which can be based solely on MAC-layer information, fails to provide good distribution for some common configurations.**

Collector Requirements

- **Upper layers must be able to ignore any information indicating on which physical link a frame was received.**
  - **This is what allows the distributor to allocate frames to physical links as it chooses.**

MAC Addressing Requirements

- **Frames originating from the mux port should use the mux port's MAC address.**
- **Using a MAC address for the mux port, distinct from its component physical links' MAC addresses, is the cleanest model.**
  - **One MAC, one MAC address**
  - **No need to change the mux port's MAC address when a physical link moves to another mux port**
  - **Changing the mux port's MAC address may be effectively prohibited by upper layers, e.g. IP ARP.**
  - **Clean transition on creation/deletion of aggregates**

MAC Addressing Requirements (2)

- **Using one of the physical links' MAC addresses for the mux port usually works.**
  - **Works perfectly well for fixed-configuration cases, where a given physical link is either up and connected to the right place, or must not be used**
  - **Even in the case of a bridge, changing the mux port's MAC address may have no serious consequences if no unicast packets are directed to that MAC address.**
  - **Obtaining additional MAC address for use by mux ports may be difficult for some implementations.**

Actions

- **Let us decide quickly on a minimum set of requirements on the Distributor and Collector.**
  - **Let us resolve not to change these requirements unless absolutely necessary.**
  - **This will enable manually-configured implementations to interoperate almost immediately.**
- **Let us then define the automatic protocol.**