

# IEEE 802.3 Link Aggregation

## Frame Proposal

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## IEEE 802.3 Link Aggregation

- **What mechanism should be used to convey LA messages?**
  - **MAC Control Frames**
  - **SNAP encapsulation**
  - **or another alternative**
- **Choice should be:**
  - **Consistent with previous 802.3 extensions**
    - **i.e. Flow Control Pause Frame**
  - **positioned for eventual incorporation into hardware**

## IEEE 802.3 Link Aggregation

### Recommendation:

- **Follow the precedent of the Flow control Pause message and make the Link Aggregation messages MAC Control Frames.**

## IEEE 802.3 Link Aggregation

The following strawman frame format is suggested for discussion purposes

- Parameters based on Tony Jeffree's informal protocol description presented at April meeting

# Strawman

## IEEE 802.3ad Link Aggregation Frame

PRE	Sof F Del.	DA	SA	MAC	LA Cmd	Parameters	FCS
7	1	6	6	2	2	44	4

DA = globally-assigned 48 bit multicast address or DA

SA = Source address of LAG originating the message

MAC = "88-08" MAC Control

Link Aggregation Command

Parameters

# Strawman

## IEEE 802.3ad Link Aggregation Frame

