in another MLD for communication. For example, FIG. 1 shows two multi-link devices: a multi-link device A and a multi-link device B. The multi-link device A includes a plurality of stations, which may be respectively denoted as a station A1, a station A2, …, A2, a □, and a station An. The multi-link device B includes a plurality of stations, which may be respectively denoted as a station B1, a station B2, …, B2, a □, and a station Bn. A link between the station A1 and the station B1 is denoted as a link 1. A link between the station An and the station Bn is denoted as a link n.

[0060] 3. Medium access control service data unit (medium access control service data unit, MSDU)

[0061] At a medium access control (medium access control, MAC) layer, a basic unit of a data packet is an MSDU. The MSDU is allocated with one sequence number (sequence number, SN).

[0062] 4. Aggregated medium access control service data unit (aggregated medium access control service data unit, A-MSDU)

[0063] At an MAC layer, a plurality of MSDUs are aggregated into one A-MSDU. The A-MSDU is allocated with one sequence number (sequence number, SN). In this case, one or more MSDUs in the A-MSDU all correspond to a same SN.

[0064] 5. Medium access control protocol data unit (medium access control protocol data unit, MPDU)

[0065] One MSDU or one A-MSDU generates one MPDU by adding a frame header and a cyclic redundancy code (cyclic redundancy code, CRC) of the MPDU. A plurality of MPDUs are aggregated into one aggregated medium access control protocol data unit (aggregated medium access control protocol data unit, A-MPDU).

[0066] The frame header of the MPDU includes a frame control (frame control) field and a quality of service control (quality of service control) field. The frame control field includes a type (type) subfield. The type subfield indicates a frame type. For example, the type subfield occupies two bits. When a value of the type subfield is "00", it indicates that the frame is a management frame. When a value of the type subfield is "01", it indicates that the frame is a data frame. When a value of the type subfield is "10", it indicates that the frame is a control frame. When a value of the type sub-field is "11", it indicates that the frame is reserved. The QoS control field includes an acknowledge policy (acknowledge policy) subfield. The acknowledge policy subfield is used to set an acknowledge policy, to indicate a manner for sending an acknowledge frame of an MSDU in an MPDU in which the acknowledge policy subfield is located. Different MSDUs in a same