

ABSTRACT

SIGNALING INFORMATION EXCHANGE METHOD AND COMMUNICATION APPARATUS IN WIRELESS LOCAL AREA NETWORK

5 Embodiments of this application provide a communication method applied to a multi-link device in a wireless local area network WLAN and a related apparatus, which are applied to, for example, a WLAN supporting 802.11be. The method includes: A reporting access point AP sends a management frame to a station. The reporting AP belongs to a first AP multi-link device MLD, and the reporting AP belongs to a multiple BSSID set. The management frame includes MLD
10 information. The MLD information carries, by using different types of MLD elements, such as a formal MLD element, a virtual MLD element, and a multiple BSSID element, for example, information about another AP in the MLD to which the AP belongs, information about the multiple BSSID set to which the AP belongs, and information about an AP in a multiple BSSID set including the another AP in the MLD to which the AP belongs. The station obtains information about the
15 reporting AP and other information about a reported AP based on the management frame. In this way, the station may select a corresponding AP or AP multi-link device to establish an association.

Figure 10a