

ABSTRACT

This application provides a communication method and apparatus, to improve roaming performance of a non-access point multi-link device. In the method, a non-AP MLD receives a basic service set transition management BTM request sent by a current AP MLD. The BTM request
5 may include function indication information of a candidate AP MLD, and the function indication information indicates whether the candidate AP MLD supports a tentative association operation. The non-AP MLD may initiate a tentative association operation for the candidate AP MLD based on the function indication information of the candidate AP MLD. This application is applied to a wireless local area network system that supports a next-generation Wi-Fi protocol of IEEE
10 802.11be, such as Wi-Fi 8, UHR, or 11bn, Wi-Fi AI, millimeter wave (mmWave), ultra-wideband (UWB), or sensing (sensing).