RESOURCE ALLOCATION METHOD, COMMUNICATION APPARATUS, AND RELATED DEVICE

ABSTRACT

This application provides a resource allocation method, a communication apparatus, and a related device. In the method, a trigger frame sent by an access point to a station includes a plurality of user information fields that are the same as an association identifier of the station, and each user information field indicates one or more resource units allocated to the station, to allocate a plurality of resource units to the station. The trigger frame includes one user information field that is the same as an association identifier of the station, and the user information field may indicate a plurality of resource units allocated to the station, to allocate the plurality of resource units to the station. The user information field may include a resource unit combination indication, that is, a resource unit allocation subfield in the trigger frame is redesigned, so that the user information field can indicate a combination of a plurality of resource units. The technical solutions provided in this application may be applied to Wi-Fi systems such as 802.11ax and 802.11be. This can efficiently implement allocation and indication of a plurality of RUs.

FIG. 8