COMMUNICATION APPARATUS AND COMMUNICATION METHOD FOR EHT VIRTUALIZATION WITH MULTI-LINK DEVICES

ABSTRACT

Communication devices and methods for EHT virtualization for MLD devices.are provided. One exemplary embodiment provides an Access Point (AP) included in a plurality of APs affiliated with an AP Multi-link Device (MLD), wherein each of the plurality of APs advertises a Basic Service Set Identifier (BSSID), and provides a link identified by a Link Identifier (ID), the AP comprising: circuitry, which in operation, generates a frame carrying a multi-link element containing information about the AP MLD and the plurality of APs; and a transmitter, which in operation, transmits the frame on a link, the Multi-link element indicating a Link ID of the link on which the frame is transmitted.

FIG. 10A