

ABSTRACT

A method for performing live-streaming of user-generated content over a media-streaming network, including transmitting, by a 5th generation media streaming (5GMS)-aware application, a live-streaming request corresponding to the user-generated content to a 5GMS application provider (AP); receiving, by the 5GMS-aware application, from the 5GMS AP, an edge application server (EAS) profile corresponding to the live-streaming request, wherein the EAS profile indicates a service class (SC) from among a plurality of SCs, the SC corresponding to the live-streaming request; selecting, by the 5GMS-aware application, a 5GMS application server (AS) based on the SC; and performing the live-streaming of the user-generated content over 5GMS network to the 5GMS AS according to the SC.