

ABSTRACT OF THE DISCLOSURE

In a method of group creation for a pair of an unmanned aerial vehicle (UAV) and an unmanned aerial vehicle-controller (UAV-C) in a service enabler architecture layer (SEAL) architecture, the pair of UAV and UAV-C is determined by an unmanned aerial system application enabler (UAE) server in the SEAL architecture. A group creation request for the pair of UAV and UAV-C is transmitted by the UAE server to a SEAL group management (GM) server of the SEAL architecture. A first response message is received by the UAE server from the SEAL GM server for the group creation request. A group including the pair of the UAV and the UAV-C is created for quality-of-service (QoS) management. The group creation request includes an identity of an UAE client corresponding to the pair of UAV and UAV-C, an identity of the UAV, and an identity of the UAV-C.