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(57) Abstract :
 ABSTRACT A DUAL BLOCKCHAIN ARCHITECTURE IN VEHICULAR AD HOC NETWORKS (VANETS) A dual blockchain architecture in Vehicular Ad Hoc Networks (VANETS) is provided. The architecture comprises a plurality of vehicles, a registration authority (RA), on board sensors (OBU) and roadside unit (RSU). The RSU is configured to generate a vehicle registration request when a new vehicle wants to enter the VANETs, the RSU is configured to investigate reliability of the requesting vehicle when the request is received, the RSU is configured to assign a public key and a private key to the requesting vehicle, the OBUs are configured to detect a network activity and create information in the blockchain, and the RSU is configured to confirm the legitimacy of the vehicle in order to a message in the blockchain network. [Figure 1]

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