

## An Analytical Study of MITM Attack in VANETs

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### Abstract

Vehicular ad-hoc network ( VANET ) is developing advanced technology to achieve progress in the transport industry and road safety. VANET using a wireless technology to connect to the server to get the necessary information for all activities and this connection provides a way for some of the attacks in wireless network. Wireless networks are vulnerable because of the use of wireless communication, multiple attacks on these networks is to implement some of these attacks using routing topology , malicious node , Denial of Service ( DoS ) and MITM Attack ( Man in the Middle ).

**Keywords:** Vehicular ad-hoc network ( VANET ), Intelligent transportation system (ITS) , Security Attack , MITM Attack