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VANETs were first mentioned and introduced in 2001 under "car-to-car ad-hoc mobile communication and networking" applications, where networks can be formed and information can be relayed among cars. It was shown that vehicle-to-vehicle and vehicle-to-roadside communications architectures will co-exist in VANETs to provide road safety , navigation, and other roadside services.

Vehicular ad hoc network - Wikipedia

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Survey on the Internet of Vehicles: Network

Architectures and Applications. Abstract: The

vehicular ad hoc network (VANET) has been widely

used as an application of mobile ad hoc networking in

the automotive industry. However, in the 5G/B5G era,

the Internet of Things as a cutting-edge technology is

gradually transforming the current Internet into a fully

integrated future Internet.

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Survey on the Internet of Vehicles: Network Architectures

Current generation vehicular network is mostly developed using the DSRC and IEEE802.11p standards. For the next generation vehicular networks, the 3GPP based LTE standard is considered as one of the key wireless networking technologies for the V2X communication systems.

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