Abstract

Vehicular Ad Hoc Network (VANET) is becoming a popular technology day by day in which moving vehicles are able to exchange various information (traffic engineering, traffic management, provides emergency information to avoid accidents and other user applications) among them. VANETs are similar to Mobile Ad hoc Networks (MANETs) but with different characteristics like, movement at high speeds, mobility, sufficient storage and processing power, unpredictable node density and difficult communication environment with short link lifetime etc. So for testing of any protocol for VANET, realistic environment is needed. In this Paper, we have created a realistic network environment with several vehicles and measured various performances like Delay, Throughput, Packet Loss, Load etc. in case of sending images throughout the network.

References

Performance Analysis of Vehicular Ad Hoc Network (VANET) Considering Different Scenarios of a City


Index Terms

Computer Science Networks

Keywords

VANET, OPNET, MANET, Mobility.