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### **RESEARCH ARTICLE**

# SECURE NETWORK SHARING NEMO BASED AD-HOC

V.Pavithra<sup>1</sup>, M.Mohankumar<sup>2</sup>

Applied Electronics, Sri Eshwar College Of Engineering, Coimbatore  
Electronics and Communication Engineering, Sri Eshwar College Of Engineering, Coimbatore

<sup>1</sup>pavithrasreep218@gmail.com; <sup>2</sup>mail2mohanphd@gmail.com

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*ABSTRACT* the paper analyzes the deploy ability of approach for Network Mobility (NEMO) in wireless Vehicular Ad-Hoc Networks (VANETs). The vision for VANETs is road safety and commercial comfort application enabled by short range wireless technology. A Network Mobility (NEMO) based VANET is a new intend to integrate the NEMO based VANET. The advance of NEMO based VANET is a tracking system to prevent attackers from localizing the user inside the hotspot in a vehicle. It is used to communicate between roadside unit (RSU) and vehicle to provide the internet access in a public transportation system (e.g. bus, train) by using different mobile networks (MNN). The passengers can enjoy the full internet access such as cell phone and physical assistants. Because of the open wireless network environment the attackers present in the OSI model can easily localize the mobile networks nodes by measuring their received signal strength (RSS). In these papers modify the scheme called concealment and by using the idea of power variability, proposed a new scheme, (i.e.) Fake point and cluster based sub scheme, its goal to confuse the attackers by increasing the estimation error in received signal. By using correctness, certainty, metrics, the fake point based sub scheme targets the higher MNN's secured location the number of grid points decreases. The annexation simulation shows the fake point cluster based scheme archives 23% and 37% decrease in the sender power with MNN's route length and also compared with fake point sub scheme.

*Keywords*— Network Mobility (NEMO) Based VANET, Physical Layer Location Privacy, Physical Layer Security

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