

173. PROVIDING IMMUNITY AGAINST WORMHOLE ATTACK IN WIRELESS NETWORK CODING SYSTEM

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To improve the system performance of wireless Network, network coding is shown to be effective approach and it is totally different from traditional network. If wormhole attacks are launched in routing, the nodes close to attackers will receive more packets than they should and be considered as having a good capability in help forwarding packets .So, other nodes will be correspondingly contributing less. This unfair distribution of workload will result in inefficient resource utilization and reduce system performance. Here we detect and thus defend wormhole attack using Expected Transmission, count technique a centralized algorithm and DAWN algorithm. For data transfer we use Random linear Network coding (RLNC) System.

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