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SECURE MULTI HOP INTELLIGENT TRANSMISSION (SMIT) FOR WIRELESS NETWORK

SUMIT SHIVAJI DALVI

*M.E. Computer Engineering
Pillai HOC college of Engg. And Tech., Rasayani
Pillai HOCL Educational Campus, rasayani
Khalapur, Raigad-410207
sumitaldvi@gmail.com*

DR. ASHOK KANTHE

*HOD, Computer Engineering
Pillai HOC College of Engg. & Tech., Rasayani
Pillai HOCL Educational Campus, rasayani
Khalapur, Raigad-410207*

ABSTRACT:- Secure Multihop Intelligent Transmission (SMIT) for wireless network guarantees an efficient route to the destination instead of only shortest and thus it is an intelligent transmission. In SMIT, each node is assigned trust value and reputation value initially. This enforces fairness among existing nodes and newly joined nodes. After each successful relay of the packet the node earns a credit point and its reputation is incremented. Competitive node among the neighboring nodes is selected based on trust value, reputation and energy level of that node while relaying the packet through any intermediate node. This ensures that packet travels through trusted and reputed node with competitive energy level. And eventually the packet travels through selective competitive intermediate node and ensures a secure and efficient rather than just shortest path.

Keywords— SMIT : Secure Multihop Intelligent Transmission.

EXECUTION OF APRIORI ALGORITHM FOR FINDING FREQUENT ITEMSETS USING CANDIDATE GENERATION

PROF.S.K.THAKUR

*Department of Computer Engineering,
G.M.Vedak Institute of Technology,
Tala-Raigad (MH) India
suvarna123@gmail.com*

ABSTRACT:- The Apriori Algorithm solves the frequent itemset problem. The algorithm analyzes a data set to determine which combinations of items occur together frequently. The best known such problem is the problem of finding the association rules that hold in a basket-item relation. This paper presents the efficient use of weka tool for execution of Apriori Algorithm for finding frequent itemsets using candidate generation.

Keywords— Data mining, Apriori Algorithm, Association rule, Support, Confidence, Weka tool

