

89. INFORMATION CENTRIC NETWORK BASED ON DTN USING DYNAMIC TRUST MANAGEMENT

R.Manju(PG. Scholar), S. Saravanan(Assistant Professor)

Department of Computer Science and Engineering,

M.N.M Jain Engineering College,

Chennai, India.

manju131291@gmail.com,saranitech20@yahoo.co.in

Delay tolerant networks (DTNs) are characterized by high end-to-end latency, frequent disconnection, and opportunistic communication over unreliable wireless links. In the Existing System, dynamic trust management for DTNs was used to deal malicious, selfish misbehaving nodes and genuine loss nodes. Selfishness is social selfishness, as very often humans carrying communication devices in a DTN are socially selfish to outsiders but unselfish to friends. Maliciousness refers to malicious nodes performing trust-related attacks to disrupt DTN operations built on trust. In this system, multi hop forwarding algorithm is used to data transmission, node energy level and buffer level is used to identify the malicious node and selfish node. But it is time consuming process. So Information Centric Network (ICN) is proposed for validating the node history based on payoff calculation of node. It provides security and less time consumption. Before data transmission, ICN identifies the malicious node and selfish node based on Repetitive Trust Management and Adversary Detection scheme.

Index Terms— delay tolerant networks; dynamic trust management; ;information centric networks; performance analysis.

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