

Table of Contents

Chapter	Topics	Page No.
	Certificate	
	Acknowledgement.....	<i>i</i>
	Abstract.....	<i>ii</i>
Chapter1	Introduction.....	1-3
Chapter 2	Literature Survey	4
	2.1-Trust and Reputation System.....	4-6
	2.2- The Relationship of Trust	6
	2.3- Applications of Trust in Distributed System	7
	2.3.1- Trust Management in P2P Systems.....	7
	2.3.2- Trust Management in MANET.....	8-9
	2.4- Characteristics of MANET.....	10
	2.4.1- Dynamic topology (Mobility).....	10
	2.4.2-Bandwidth-constrained, variable capacity links.....	10
	2.4.3-Wireless Channel.....	10
	2.4.4- Energy.....	11
	2.5- Routing Protocols for MANETs.....	11
	2.5.1- Proactive routing protocols.....	11
	2.5.2- Reactive routing protocols.....	12
Chapter 3	Related Works	13
	3.1- B. Kadri and A. Mohamed	13
	3.2- Sancheng Peng and Weijia.....	14
	3.2.1- Trust establishment.....	15
	3.2.2- Bayesian-based subjective trust model.....	15
	3.2.3- Evaluation of successful interaction probability.....	16
	3.2.4-Computing of direct trust.....	16
	3.3- Routing Protocols for MANETs	17
Chapter 4	Proposed Model	18
	4.1- Trust Value Calculation	18
	4.1.1-Definitions of Reachability, Stability.....	18-19
	4.2- Mean Distance Calculation.....	19
	4.3- Reachability Calculation.....	20
	4.4- Stability Calculation.....	20
	4.5- Trust Calculation	20
	4.6- Proposed algorithm (for calculating Trust values).....	21
	4.7- Trust Based Hop by Hop Routing Algorithm.....	21
	4.7.1 Hop by Hop Routing Protocol Algorithm.....	21
	4.7.2 Hop by Hop Routing Procedure.....	22
	4.8- High and Low Mobile Environment in MANET.....	22

Chapter 5	Experimentation and Result	23-29
	5.1- Analysis	30
Chapter 6	Conclusion and Future Work	31
	6.1- Conclusion	31
	6.2- Future Work	31
References.....		32-34