

84. IMPROVED INTRUSION DETECTION TECHNIQUE WITH DIGITAL SIGNATURE FOR MOBILE ADHOC NETWORK

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As MANETs doesn't have any fixed architecture it is difficult to embed security mechanisms into it and hence it is often subjected to attacks by intruders. An activities that compromise the integrity, availability or confidentiality are termed intrusions. Mobile Adhoc Networks usage and researches are increasing rapidly. Hence it is crucial to inbuilt intrusion detection systems into the MANETs to cope up with the attacks. Hence in this paper, i have analyzed and presented an intrusion detection and prevention system embedded with a digital signature to authenticate every packet and to avoid attacks. KEYWORDS - Intrusion Detection System, MANET, Acknowledgement Schemes, Routing, Digital Signature.

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