Abstract

At the present time, Mobile Ad-Hoc Networks are being used in a wide variety of applications, such as, mobile commerce, transportation, sensor networks etc. Hence, secure deployment of MANETs is a necessary condition because MANETs are most vulnerable to attacks. Lots of research has been performed on deployment of IDS in MANETs, but, using honeypots in MANETs is a new concept. Honeypots are used to uncover the motive of attacks on any network. Only one model for using honeypots in MANETs has been proposed by Ali Mirzaei et al in Nov, 2012, ISSN 2301-2005. This research mainly focuses on taking the work further by using roaming honeypot technique in MANETs.

References

Roaming Honeypots along with IDS in Mobile Ad-Hoc Networks

- Lance Spitzner, 2003-07-17, "Honeytokens: The Other Honeypot;"
- Suen Yek, "Implementing network defense using deception in a wireless honeypot;" syek@student.ecu.edu.au

Index Terms

Computer Science

Wireless
Keywords

MANETs  Roaming Honeypots  Zone-Based MANETs