

HONEYPOTS FOR NETWORK SURVEILLANCE

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ABSTRACT

A honeypot is a non-production system which offers sweet bait to the intruders, blackhat community [1] that can enhance the ability of system administrators to identify system vulnerabilities. This paper presents a survey on recent advances in honeypot research from a review of 20+ papers on honeypots and related topics. A recent technology in the area of intrusion detection is honeypot technology that unlike common IDSs tends to provide the attacker with all the necessary resources needed for a successful attack. Honeypots provide a platform to study the approaches and tools used by the intruders, thus acquiring their value from the unauthorized use of their resources.

KEYWORDS: Honeypots, Intrusion Detection System, Security, Legal Issues