

ABSTRACT

In the current era of globalization, network security is one of the important things that must be considered, because it is very useful to protect a computer system (host) from the danger of attacks or irregular intruders who want to steal important information in the environment. It can happen because in the network there is no security system that can secure data communication between host one with other host. Honeypot is a method to create a fake server, where the attacker will spend time to launch an attack. The Modern honey network is an open source software used to build some simpler Honeypot sensors and to create statistic data from Honeypot sensors. In this final project, built Honeypot with Modern honey network that will do the testing by doing monitor kippo sensor. Kippo Honeypot is one of the Honeypot tools that belongs to the intermediate category of ssh Honeypot interaction that serves to build a full mock system to distract the intruder who wants to attack the original server system. In addition, Modern honey network can help kippo Honeypot to perform and resolve any attack activity that intruders who want to attack the original system, so the admin can do prevention anytime.

Keywords: MHN(Modern honey network), Kippo Honeypot, SSH