

ABSTRACT

SSH is a secure shell service that can secure data communication between hosts by way of encrypting the data communication path so that the data transmission between the server and client can be protected from the threat of an attacker.

However, the SSH service is not able to detect if there is an attack, because if an attacker managed to find the username and password that has been encrypted the attacker will be able to know the contents of the target computer system. The user or admin nor can know the threats and attack the attacker in the computer system. Therefore, the necessary tools that can detect threats and attacks that do a assailant tried to enter into the computer system.

Kippo Honeypot is represents tools ssh honeypot designed to build artificial systems that can trap the attackers are looking for loopholes to get into the original system. Kippo honeypot is included in the category medium-interaction is used to create mock services that can supervise any interaction is done an attacker, so admin (user) can detect any activities interaction shell that carried the attacker. Admin can monitor and know the results of the attack the attacker uses kippo graph, kippo graph is useful for showing the results of the log shell that the attacker do to look for loopholes in order to be entered into the computer system of the target through the webservice

Keywords: Security Network, SSH, Kippo Honeypot, Kippo Graph.