

APPLICATION OF CIA (CONFIDENTIALITY, INTEGRITY, AUTHENTICATION) CONCEPTS IN A SOLUTIONS FOR INSECURE LINUX BOX

Prepared by: Chew Chin Wong

ABSTRACT

This project includes the study of the UNIX/ Linux operating system and various system securities that can be done or need to be configured in this operating system. Essential steps of security planning will be studied. This security will also feature in identifying the information and system assets that need protection; size up the threats that asset face and other possibility of security weakness. In order to provide much detail information, this study will also cover some of the existing security models. Studies will include the security concern or rise by some services offered by the UNIX/ Linux operating system, which include some well-known ports numbers use by other application in the system