ABSTRACT

ANALYSIS OF SECURITY SYSTEM ON NEXTCLOUD ON THE MAN IN THE MIDDLE ATTACK USING CAIN & ABEL

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This thesis aims to analyze the security system on Nextcloud against Man In The Middle Attack attacks that use Cain and Abel as a tool for hacking. This thesis is conducted during the period November 01, 2017 s.d. January 15, 2018.

This thesis produces a research report in the form of security system analysis results on Nextcloud against attacks Man In The Middle Attack. This research is motivated by the progress of information technology and cybercrime in an application. In addition, the author also provides a solution to avoid attacks Man In The Middle Attack by installing SSL on the application.

This thesis uses the NextCloud application installed on the Ubuntu Server 16.04 LTS operating system and installs some additional software such as MySql for database, PHP, and Apache. Then use the Cain and Abel app as an app to attack Man In The Middle Attack.

Keywords : NextCloud, Man In The Middle Attack, Security