

ABSTRACT

This thesis designs and implements a Simple Network Management Protocol (SNMP) manager for UNIX system to improve the security for unauthentication and unauthorized access.

By using the SNMP to communicate with UNIX server/agent and UNIX client/manager, the server manager can monitor and control the Management Information Base (MIB) of any logged files (e.g. authentication logged file , daemon logged file and kernel logged file) of an agent. Tkined, an Interactive Network Editor based on the Tcl/Tk programming language is used to contact the appropriate remote SNMP agent to retrieve the desired information. Tkined uses a Graphical User Interface (GUI) running on UNIX X-Windows to display the information. This manager interaction together with GUI forms a powerful management tool for network administrators.

ASSUMPTION UNIVERSITY OF THAILAND
* มหาวิทยาลัยอัสสัมชัญ *
SINCE 1969
LABOR OMNIA VINCIT