URN etd-0407109-183710-774
Author Kai-Yu Yang
Author's Email Address No Public.
Statistics This thesis had been viewed 57 times. Download 0 times.
Department
Year 2002
Semester 2
Degree Master
Type of Document Master's Thesis
Language zh-TW.Big5 Chinese
Title An Implementation for User Authentication System on Campus Wireless Network
Date of Defense 0000-00-00
Page Count 48

Keyword
Wireless Network
Web-Based Authentication
IPTables
LDAP
Mobile IP

Abstract
Wireless network is a new technology in recent year. Although it is convenient for users to connect to the internet, the security issue is mainly concern for wireless network management.

In this paper, we developed a web-based user authentication scheme for using wireless network. While the user opens the browser they can be authorized at the same time. There is no need for user client to install any software. The account is the same one used for campus academic information system.

The proposed scheme can be also applied to Mobile IP. We used the Mobile IP system implemented by Helsinki University of Technology and modified some functions to support the user authentication system.

The technology we used is based on open source software such as Linux, PHP/MySQL, IPTables and OpenLDAP without license fee. The system is currently running on Southern Taiwan University of Technology.
Advisory Committee Chien-Chun Su - advisor

Files No Any Full Text File.
Date of Submission 2003-07-07