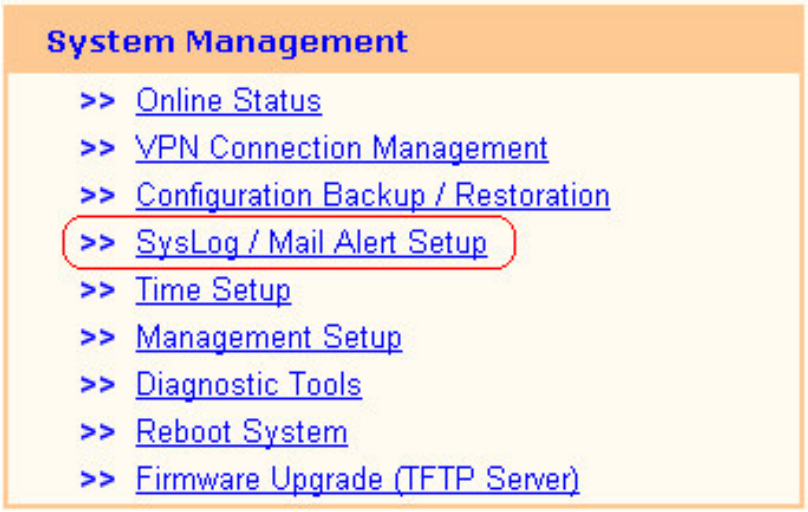
CHAPTER 15

SysLog/Mail Alert Setup

15.1 Introduction

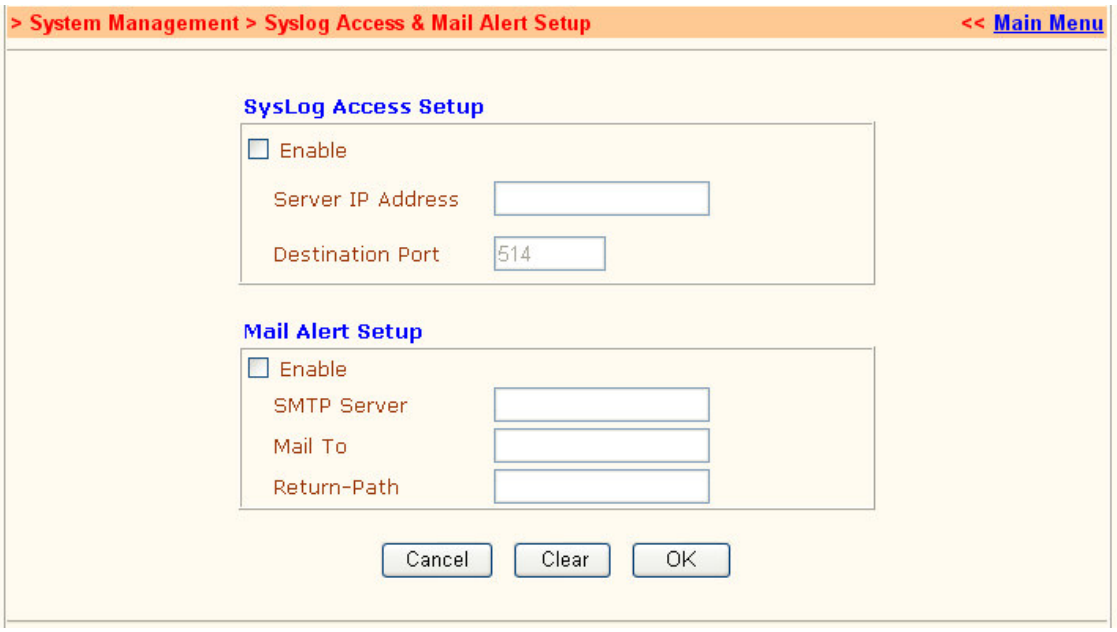
Syslog is a popular utility in Unix world. To monitor router activity, you can run a Syslog Daemon to capture all activities from the router. This Daemon program can run on a local PC or a remote one elsewhere on the Internet. In addition, the Vigor routers provide the Mail Alert facility so that the syslog messages can packed as an e-mail for someone who wants to receive these messages. In the following, we explain how to setup the syslog and mail alert functions. Use the following setup link on the System Management group of the Setup Main Menu to configure the Syslog/Mail Alert functions.

System Management > Syslog/Mail Alert Setup



15.2 Configuration

After clicking the link of Syslog/Mail Alert Setup, the web configuration will change to another scene, as shown below. In this figure, you can find two functions: one for syslog access setup and another one for mail alert setup.



Syslog Access Setup

1. Check the **Enable** box to activate the syslog service.
2. **Server IP Address:** Specify an IP address to which all syslog messages will be sent.
3. **Destination Port:** Specify a UDP port number to which the syslog server is listening. The default value is 514.

Mail Alert Setup

1. Check the **Enable** box to activate the mail alert service.
2. **SMTP Server (IP)**: Specify an IP address of the SMTP server which can send mails from your Vigor router to the recipients' mailboxes directly.
3. **Mail To**: Specify an e-mail address of the recipient's mailbox to which all

syslog messages will be sent. The recipient could be an administrator who intends to view or analyze the syslog messages.

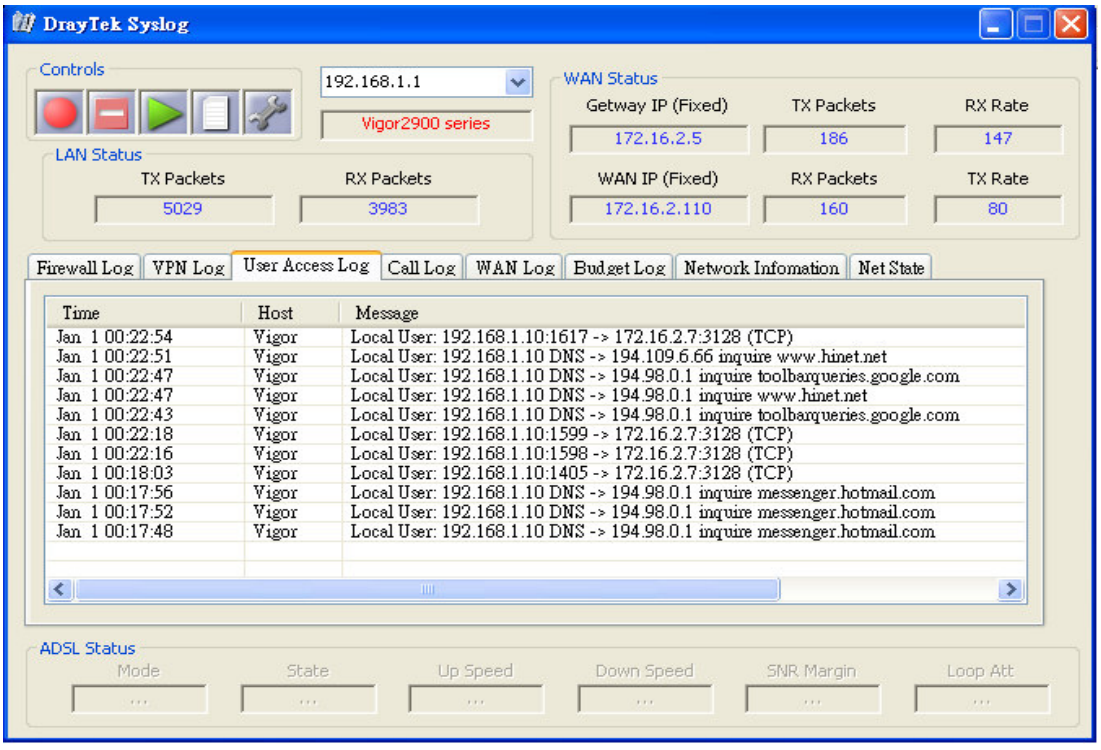
4. **Return-Path**: Specify an e-mail address of another mailbox to accept all returned messages if some fatal problems occur at the recipient mailbox.

Notice that the current mail alert function is only used to send syslog messages related to Denial-of-Service (DoS) defense behaviors while you have activated the DoS defense facility.

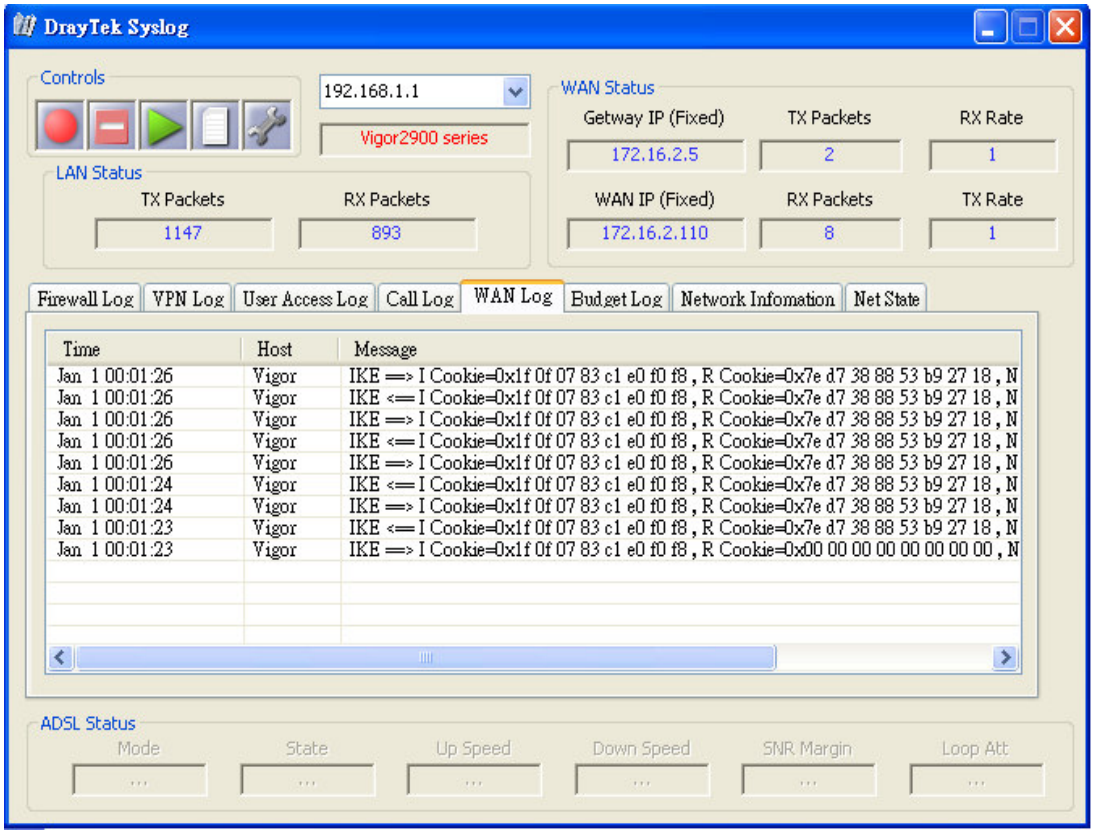
15.3 Example

Your Vigor router will send many types of syslog messages. Some examples of the syslog messages with their individual formats are shown below.

An example of User Access log message:



An example of WAN log message to record the status of VPN/IPSec tunnel:



An example of VPN (IPSec) log message to record the status of the VPN/IPSec tunnel: