Arsip Abstract Untuk Program Studi, dikeluarkan dan diterjemahkan oleh: Tim Penerjemah UPT Bahasa Inggris UNIVERSITAS DEHASEN BENGKULU

1

ABSTRACT

APPLICATION OF ZABBIX WITH TELEGRAM NOTIFICATIONS TO PERFORM NETWORK MONITORING

By:
Heti[1]
Khairil[2]
Deri Lianda[2]

Currently, the use of computer networks is very necessary, such as for teaching and learning activities and work. SMA N 1 of Bengkulu City already has a network that is used for teaching and learning activities. Currently, the computer network in the computer laboratory of SMA N 1 of Bengkulu City totals 24 computer units. The computer network in the computer laboratory of SMA N 1 of Bengkulu City does not yet have a system that can carry out monitoring, so it is slow to identify problems that occur on the network. One application that monitors networks is Zabbix. Zabbix, in monitoring the network, can send notifications to Telegram. Zabbix can run on the Linux Ubuntu Server 20.04 operating system. The Linux Ubuntu Server 20.04 operating system is used because it is open source and does not require high hardware specifications. Because the Linux Ubuntu server operating system in carrying out network monitoring using Zabbix uses small server resources. Zabbix can monitor problems that occur with each client and the time when the problem occurs. Zabbix can also send problem information in real time to the network admin's Telegram, so that admins can easily find out about problems that occur on computers connected to the network. Besides the problem information sent to Telegram, it is also stored in the server log, therefore the admin can see the problems that occur at a later date.

Keywords: Zabbix, Telegram, Linux Ubuntu
Information :
1: Student
2: Supervisors

November 19, 2023