

ABSTRACT

PT PLN (Persero) Transmisi Jawa Bagian Tengah - Area Pelaksana Pemeliharaan Bandung has a large internet network. For this reason, a system for monitoring and maintenance is needed. The current network monitoring system has limited access only on the computer which the monitoring system is installed. Therefore a network monitoring system can be accessed from anywhere in the network area with an additional network security system is proposed. The monitoring system works by sending Ping to the clients to ensure they are connected to the same network with monitoring system. The monitoring system can send notification to users by email if there are clients who are not connected to the server. While the network security provided is able to prevent DDoS Attack.

Keywords: monitoring, Zabbix, ModSecurity, Notification, DDoS Attack.
