Application of The Alert System Uses Both Telegrams To Help Check Traffic Issues on Universitas Islam Indonesia

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ABSTRACT

At the moment, office work has a pretty strict protocol. Restrictions were made to prevent the spread of the corona virus. One is the activity on the Universitas Islam Indonesia integrated campus. On the Universitas Islam Indonesia integrated campus are local servers that must be secured daily. Of course, every server needs security, both resource and security. Looking at security, all this time security checks are done by checking directly for traffic on computers that access the server. It’s not nearly flexible, of course, considering when this pandemic is a controlled activity. Therefore it required a system capable of giving notification to the Universitas Islam Indonesia network administrator in order to monitor conditions in real time. The conditions read are usually The Times when network traffic is in danger. The danger is always present in a system alert. In research this time, I have a design solution that will finally get use of tools from the security information and event management: Splunk, who will be used as a tool to implement the alert system by using both telegrams as his information medium. Research restrictions conducted with specimen data testing on the firewall logs with traffic from Board of Information System, Universitas Islam Indonesia. It is hoped that this research will find a novel solution to help administrators receive real-time information /alert from Universitas Islam Indonesia network traffic.