

ABSTRACT

The purpose of this study is to monitor the network on Open NMS as a container used to provide solutions to problems that occur in the field, especially in the failure of the network monitoring process, so that in the end it will improve the quality of the network monitoring system in technological developments for the convenience of the community. Network Monitoring System (NMS) is a system used to monitor the condition of a network. With the monitoring system, the network administrator can easily find out the state of the network by receiving alerts. The use of NMS is to monitor network problems, be it servers that crash or overload, network connections or other devices. The research method used is literature study by looking for data that supports this research and network topology simulation using EVE-NG software.

Keywords: Network Monitoring System (NMS), Router, Open NMS, and EVE-NG