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Kijazi, Ahmed

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Ahmed Kijazi, Michael Kisangiri

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Abstract:

Network monitoring is very important for the reliable operation of any network, monitoring is not only concerned with the monitoring of its performance and availability, but also monitoring of network operating environment, because they are both contributing to the reliable operated network. For the effective network monitoring, it is better for Network administrators being intact with both instant network operations as well as different hazards such as fire, water, humidity, power fluctuation and temperature even if they are not physically present in the network operation room. The objective of this paper is to provide an efficient remote Local area Network (LAN) monitoring, mainly focusing on Server room devices and its environment sensors for network administrators.

Keywords: Hazard , Multifunctional , Remote , Monitoring , SMS , LAN