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Network Monitoring- a summary by [Philip Fransis](#)

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Network monitoring is commonly heard due to the complexities that world of computers has introduced with its various advancements. With ever growing network, there has been a constant growth of technical havoc. While some of the credits for such havocs go to the external and internal threats, others are a part of the technological advancements. With dependency growing on computers and internet, network monitoring has become a necessity. The networks carry heavy responsibilities on their shoulder as they not only connect one device to another but also contribute fairly well to e-commerce.

Network monitoring is a part of the network management circle that makes sure that the networks are functioning well and fine. There however, is a thin line of difference between the two. While network monitoring system only monitors the problems and notifies it to the system administrator so that the issue can be resolve to bring back the network to its functional state, network management is about monitoring, managing and resolving the problems that cause the networks to slow down go suffer from downtime. Any minor fault too can halt your network, shoot a trouble to your server and make it slow or dysfunctional. In case of e-commerce sites where daily transactions take place, any network fault can lead to a great deal of loss to the company as well as reputation loss for the website itself drawing unnecessary attention for all wrong reasons. Ads too may not generate revenues from sites that are slow or unresponsive due to network hazards.

Requirement of a Network Monitoring system

With networks growing larger and faster, it is becoming all the more difficult to monitor and manage them. To keep an eye over the everyday activities carried out through the networks, manual means are no more useful. Such methods are not only expensive but also come with a lot of hassle. You need to employ technicians and have equipments to monitor your network round the clock, which at times becomes difficult. With various companies offering the service, there is no actual need for manual monitoring. The system offered by network management hosts takes care of most of it. They have an efficient monitoring system that keeps a keen eye on the network, applications and the server as a whole and raise an alarm as soon as a discrepancy is noticed in these. The system also sets default thresholds, crossing which the system raises an alarm and alerts the user or the system administrator via emails or SMSs. This alert system is quick and immediate and thus is helpful in notifying the user about the state of the network for faster recovery. Faster recovery will lead to lesser downtime or less wastage of time in the state.

To help you have greater uptime, hassle-free functioning of the network and the server as a whole, network monitoring is a necessary. With technological advancements challenging the IT infrastructure and giving rise to both ease and problems every other day, this system of monitoring has gained greater importance.

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