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**Section – 01**

**Abstract / Introduction**

**Abstract:-**

**(1) What is the objective of the Paper?**

Purpose of the research paper is to monitoring the router on the network monitoring tool to help the Network Administrator to find the bottlenecks in the existing networks.

**(2) What are the main results mentioned in the abstract?**

Helps to measure the error rate in the communication if present and inform the Administrator.

**(3)** **What rational is given by the authors, attributing importance to the research problem?**

* The monitoring of the network implies gathering basic features and characteristics of network such as number of interfaces which are connected to the network
* Incoming and outgoing bytes of data, bandwidth, CPU utilization, memory utilization, system uptime etc.
* It helps us to measure the error rate in the communication if present and inform the Administrator.

**Section – 02**

**Methodology**

**(1) Describe the methodology is used by author(s) to address the research problem?**

In this project, monitor the routers on the network monitoring tool is run. Gathering basic network information, such as its users and number of interfaces. After all process done, most used interface can be given more data bandwidth to adjust the data requirement of them.

**(2) In what way the methodology used by the authors is relevant to the methodology you proposed to adopt?**

Based on research we use the network monitoring tool to generate the logs for users and help take note of each users steps with all the possible outcomes they may have encounter.

**Section – 03**

**Results and Conclusions**

**(1) List the results obtained by the authors.**

1. Application fetches details from attached terminals in network.
2. Easier way to collect processor, memory, hard drive details from client pc
3. Shows graphical view of resource uses.
4. Automatically collect information of listed pc in application.
5. Data gets stored into database simultaneously.
6. Useful in big network setup.

**(2) What are the conclusions drawn by the authors from the study.**

The aim of project is to help the Network Administrator to find the bottlenecks in the existing networks. The monitoring of the network implies gathering basic features and characteristics of network such as number of interfaces which are connected to the network, incoming and outgoing bytes of data, bandwidth, CPU utilization, memory utilization, system uptime etc. It helps us to measure the error rate in the communication if present and inform the Administrator.

**Critical Analysis**

Based on this research paper , authors described Network to be analyzer with a network monitoring tool to get the assumption of the network bottleneck. Tools collet the basic features and characteristics of network such as number of interfaces, incoming and outgoing bytes of data, bandwidth, CPU utilization, memory utilization, system uptime etc. As we can use this tool we can get user notation and trace user data , and also create log files of user.