Abstract

Accurate network traffic capture & measurements, analysis and monitoring is key to a wide range of network applications such as computer network traffic engineering, error detection & correction and all kind of security analysis with maintaince. A number of critical network management decisions, such as identifying faulty nodes & servers, routers, blocking traffic to a victim destination, monitoring traffic require extraction and analysis of real time data patterns in network traffic. The large traffic volumes seen in today's high-speed networks pose tremendous computational and storage requirements for accurate traffic measurements & analysis. We are going to actualizing Hadoop based system which collect traffic data, perform
Traffic Analysis, Measurement, and Classification with deference to different parameters at parcel level. These outcomes can be utilized by Network Administrator and ISP's to identify abnormalities in system to achieve efficiency.

References

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Index Terms

- Computer Science
- Networks
Keywords

Network Traffic Measurement  Traffic Analysis  Hadoop  Isp Is Internet Service Provider.