


[DOWNLOAD](#)


## High-speed indexing and archival of network measurement data

By Francesco Fusco

Shaker Verlag Nov 2012, 2012. Taschenbuch. Condition: Neu. Neuware - The Internet has become a global IT infrastructure providing ubiquitously accessible, interactive, and secure services used by a large fraction of the global population. To meet users' expectations, network administrators require sophisticated monitoring infrastructures for detecting misconfiguration and faults, for measuring the performance, and for enabling timely reactions to security threats. Passive monitoring has rapidly become the de-facto monitoring approach for getting deep insights into the actual status of production networks. Nowadays networks rely on network probes, which are embedded in network equipments or deployed as special purpose monitoring devices, that constantly monitor important network aspects. Therefore, current monitoring infrastructures are able to create large volumes of monitoring data. Industrial and academic research mostly focused on the generation, collection, processing and analysis of network monitoring data streams with the primary goal of providing live views of diverse network aspects. These efforts have led to mature technologies for processing high-speed data streams in real-time. Nowadays, stream processing represents the foundation for the large majority of software and hardware based monitoring infrastructures deployed for operating current production networks. In a nutshell, the stream processing approach consists of applying a predefined set of...



**READ ONLINE**

[ 5.01 MB ]

### Reviews

*Comprehensive guide! Its this sort of very good go through. It generally is not going to price too much. Its been designed in an remarkably basic way which is simply following i finished reading this pdf where really changed me, affect the way i really believe.*

-- Prof. Jeremie Blanda DDS

*Great e-book and helpful one. It usually fails to cost an excessive amount of. I discovered this publication from my dad and i encouraged this pdf to find out.*

-- Meagan Bahan