

3B2 NetSec: Metrology-based Application for Network Security

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Abstract:

We know how to use metrology to discover network functional problems and how to measure error rate to detect active or passive abnormal behaviour items. We can even use it to observe network use and to detect abnormal resource consumption. This leads us to develop a flow analyses application to secure networks. Build around a relational data base system, filled by metrology platform and supporting multi-criteria sort queries, NetSEC allows analysis of unusual traffic in order to find its roots. A user-friendly web interface allows the use of the NetSEC application close to final users.