

MODELING THE DEMAND FOR NETWORK RESOURCES

Summary - This paper presents methods for the analysis of LAN resource use in the educational institution conducting classes in both stationary and no stationary mode. These data can be used for predicting demand for local network resources, especially for bandwidth and access to various application layer services. The paper presents methods for collecting traffic data based on SNMP protocol and MRTG tool. It also shows the analysis of these data taking into account the type of traffic and time. This allows predicting the networks demands (in particular the demand for bandwidth) in the future.