

In the present work we study possibilities of network monitoring system creation. We will audit computers in networks and services running on them. System must allow adding new kinds of tests into it. So if some test is not yet implemented it should be possible to add it into the system. As a result there is a implementation of such a system (modular with coordinator) written in C language for FreeBSD operating system. Concrete testing methods are implemented as standalone modules which communicate with coordinator by network protocol. In the case of error location the coordinator will send information by given way to set persons. Concrete methods for sending information are also implemented as modules.