

ABSTRACT

Host in network can increase quickly. So network administrator need application which used to manage network easily. Process management and host monitoring system base on Linux by web and SMS is application which used to get information about host performanse and manage process easily. It use TCP/IP protocols like Sinple Network Management Protocol (SNMP), HyperText Transfer Protocol (HTTP), and Secure Shell (SSH) Protocol.

This application monitoring periodical and get graph on web page as output. Performance factors which can be monitored are memory usage and CPU time from the host system. This application also monitor network interface traffics like outbound and inbound packets. Beside that, network administrator can ask the server about information of memory usage and CPU time with SMS service.

Information from this application can help network administrator to make good decision quickly about host system. Network administrator can decide to kill some process which it is not important to system. So system can work optimal.