

ABSTRACT

One of the basic tasks of network administrators is the maintenance of a network problem, this can be done by regular network maintenance includes setting up and checking the condition of the network. Network configuration can now be done remotely, so the network can be set at any time without having to directly be where the network is located.

Router as one device on the network is very necessary and important role in the route determination data, Internet Protocol addressing mechanism, and any other service available. Routers can be configured via a web-based terminal and for setting the addressing and routing algorithms are used to connect networks connected to the router device.

Mobile device technology available today allows users to connect to the Internet and exchange data. In addition, mobile devices are now supporting the use of the operating system. One of the mobile device operating systems are widely used in mobile phones is the operating system Android, the operating system is open source so there is plenty of room to develop and build a wide range of applications.

With the establishment of a mobile application called DroTer, proven to help network administrators to perform maintenance on a router that includes monitoring and management can be performed using mobile devices based on Android, so the network maintenance can be performed not only remote but also mobile, wherever, and whenever network administrators to perform maintenance on the network it manages.

Keywords : *Android, Device, Configuration, Mobile, Maintenance, Remote, Router*