ABSTRACT

In this era of globalization all work is required to be completed quickly. Human need for information from time to time and the need for rapid and practical data access, making the guidance of rapid technological progress is expected to help human performance in any field of reliability issues make PT.TELKOM as a company engaged in telecommunications services and Internet service providers continue to strive to take a role in providing solutions in the field of telecommunications. PT TELKOM in its work continues to develop itself to meet the information needs, such as various requests telephone, internet, and others with quality and reliable service. To serve a wide range of requests, of course the necessary LAN network that is applied using a high-tech computer network to meet customer needs. Computer network is needed information that is separate, practical and accurate. RIP based computer network has been commonly used to meet the needs of LAN network. Meanwhile, to meet the needs of local network companies, the use of this RIP has helped a lot to facilitate the sharing of network fellow internal LAN company. In this practical work report described how to configure RIP-based LAN network which will produce a graphical output and CACTI is implemented to monitor a network. This network is supported by the existence of software and hardware in accordance with the network in the design.

Keywords: LAN Network, RIP, CACTI.