

ABSTRACT

The development of computer networks in the last few decades has had a significant impact on the telecommunications world. Computer network technology continues to grow rapidly, so that it can connect millions of devices around the world and facilitate the exchange of information quickly and efficiently. In this study, we try to assess the network management of a company. Network management is an essential process in managing and optimizing computer network performance. The concept of network management involves planning, executing, evaluating, and corrective action (PDCA) to function according to organizational goals. This includes monitoring network performance, routine maintenance, preventive action and troubleshooting when outages occur. Accounting Management is an important aspect of implementing FCAPS, because Accounting Management is the process of collecting data and information through network monitoring activities. Regular network monitoring can help companies detect outages, identify problems, and optimize the use of bandwidth and resources used by the company. Through a good Accounting Management function, it can assist companies in making decisions to improve efficiency and resource management in the future. The PDCA (Plan-Do-Check-Act) cycle starts with the Plan phase, where goals are set, and strategies and action plans to achieve them are designed. In the Do stage, the plans that have been prepared are implemented and implemented. The Check stage is the evaluation stage, the results of this evaluation assist in identifying nonconformances and areas that require improvement. Finally, at the Act stage, corrective actions are implemented based on the evaluation results to achieve future improvements.

Keywords— [Computer Networks, Network Management, Accounting Management, PDCA]