

ABSTRACT

The rapid development of technology forces companies to continually innovate, including updating computer network devices to support increasingly complex business needs. This report aims to comprehensively explain the process of replacing Core Switches, Distribution Switches, and Access Switches in a food and beverage manufacturing company. This process includes preparation stages, initial device configuration, pre-migration documentation, migration execution, post-migration monitoring, error handling, and the preparation of User Acceptance Testing (UAT) documents. The method used in this report is the waterfall method, which consists of analysis, design, implementation, testing, and maintenance stages. The results of the network device replacement show a significant improvement in performance, making the network faster and more efficient while reducing the risk of operational disruptions. The main conclusion of this report is the importance of careful planning and meticulous execution in maintaining the stability and reliability of the company's network, as well as the successful replacement of key network devices in the food and beverage manufacturing company environment.

Keywords— Switch replacement, Food and Beverage Company, Waterfall Method