

ABSTRACT

Network security has become a top priority for organizations in this digital era, where cyber threats are becoming increasingly complex and diverse. The implementation of Network Access Control (NAC) is a strategic step to enhance the security of an organization's internal network. The main objective of implementing NAC is to ensure that only devices that meet the security requirements and standards can access the customer's internal network, in order to prevent unauthorized access that could threaten the integrity, confidentiality, and availability of data within the network. Additionally, the implementation of NAC aims to control and monitor the status of users accessing the company's internal network. The results of this implementation and testing are expected to make a significant contribution to improving the security and stability of the customer's internal network.

Keywords: Network Access Control (NAC), Policy, Network Security