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1

ABSTRACT

THE IMPLEMENTATION OF INTRANET NETWORK USAGE USING LINUX UBUNTU SERVER

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The computer network in Sumur Meleleh Urban Village functions for administrative activities, but its installation has not fully taken into account the availability of devices. The research method used is Network Development Life Cycle. The stages involve device requirements analysis, network infrastructure and system design, simulation to reduce errors, implementation of system creation, device monitoring on the installed system, and maintenance management for technology adjustments. The implementation of an intranet network using Ubuntu server as the system succeeded in providing optimization to urban village office network. The implementation of intranet network, Ubuntu server assigns IP addresses to computers and functions as a service provider for client devices, which ultimately increases the efficiency of employee performance based on the research results.

Keywords: Intranet, Wireless, Network Development Life Cycle

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