

DOMAIN NAME SYSTEM USING LINUX SERVER

Yanti Kumala, 20496418, Jalinas, SKom, MM

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STMIK Jakarta STI & K

<http://www.jak-stik.ac.id>

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Abstract:

The Internet is a set of many interconnected networks, that means exchanging information. On the internet network needed a system called DNS (Domain Name System) for easy use by network users to map IP-Address to the computer name (host). Without control, network users will simply find it difficult to know the address to which computers communicate. In writing this control is only made with the Linux operating system.

Computer network is a single computer model that serves all computing tasks an organization has been replaced by a collection of numerous computers separate but interrelated in performing their duties. Network architecture consisting of the OSI reference model and TCP / IP.

In 1984, Paul Mockapetris created the control, ie domain-based naming pattern. Creating a database to control (Record) begins with the filling member domain. Zone consists of networks that are controlled by a single administrator. In making DNS BIND version 8 is used. BIND (Berkeley Internet Name Domain) is software for implementing control. Making control starts with setting the required files, then your next step is to activate it by running the program and the commands you want. Control not only be created by using Linux. However, it can also use siste4m other operations such as Novell Netware, Windows NT and OS / 2. If control has been created and activate it, then the next stage is to conduct testing on the network.

Bibliography: 4 (1997 - 1999)