ABSTRACT

DEVELOPTMENT AND ANALYSIS DISKLESS SYSTEM BASED ON UBUNTU 10.04 USING LINUX TERMINAL SERVER PROJECT (LTSP)

By

TIFFAN KAMESWARA
10104241

Linux Operating System that has evolve and popular in the community has proven to provide many alternative solutions that boost efficiency, cost savings and ease of working. Linux allows to obtain the maximum capabilities of the computer with the minimization of the device of the client. Pronoun by using a computer network without a hard drive (diskless), which usually requires the development of computer network resources are fairly large.

The use of diskless systems can be used to solve the problems related to resource limitations. The concept of the computer is using the Linux Terminal Server Project (LTSP) in thin-client (diskless). Performance of the server that it is still not optimized to handle a client can do by configuring methods on the services that are used, such as the Linux kernel integration and use of local application so that performance of the server is not too disturbed, or in other words the existing resource on the server is not very much used by client.

The purpose of this final task is to optimize the performance of Linux Terminal Server Project (LTSP) which then will be used for various purposes ranging from education to the needs of work. The advantage of using diskless computers that Backup data is centralized on the server, and ease of administration on the client.

Keyword : Linux, Diskless Computer, Thin Client, Linux Terminal Server Project (LTSP.