

STUDY AND IMPLEMENTATION OF FILE PARTITION AND FILE ENCRYPTION FOR ENHANCED NETWORK-BASED REMOTE FILE TRANSFER PROGRAM

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ABSTRACT

This project aims to study and evaluates files partitioning concepts for enhance remote file transferring program. This program is designed to transfer files between remote computers in a reliable and efficient manner thus improve transmission, security and safety of files. Partitioning of files address is the issue of limited network bandwidth. Large files can be partitioned to smaller files before sending a lower bandwidth network. This also improves and enhanced file transfer problems found previously. If an unauthorized user wanting to obtain the content of the file, he needs to break the encryption code and find the pair of the partitioned program. The file to be transferred is partitioned according to user's option. In order that the file transferring secure, the files are encrypted before being transferred remotely. Once the chosen files are received at receivers site, the files are decrypted and combined back to original file. Thus, files can be shared directly over a low bandwidth network transmission medium