

IMPLEMENTATION OF SECURITY IN DYNAMIC BINARY TRANSLATION

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ABSTRACT

Computers at this time is not an expensive item that only owned by a group of people, but it is a tool that can help in completing one's work. It is worth a secure and protect their data from data-interference and virus attacks coming from inside and outside the system. At the end of computer security will play an important role in data security.

A dynamic binary translation is a dynamic system in the machine code fragment damage that may directly or enclosed diesekusi interpreter software. When mengesekusi interpreters, the statistics are collected to determine how often these fragments diesekusi and how often taken branches. Fragments of the most frequently used and transformed in the cache for subsequent execution. Once the fragment is in the cache, they may be merged with other fragments when they were found separately by direction of an unconditional branch. This architecture is used for optimizing the dynamic programs, instruments and translational arsitektur intropeksi

Keywords: security, translation, binary, dynamic, memory, vulnerable

