

STACK-GUARD

Meaning: Stack-guard is a security mechanism in software that protects against buffer overflow attacks by safeguarding critical memory addresses during execution.

1. The stack-guard feature in the software provides an additional layer of security against buffer overflow attacks.
2. Engineers incorporated a stack-guard mechanism to ensure that critical memory addresses remain protected during execution.
3. By utilizing stack-guard technology, developers can significantly reduce the risk of exploitations in their applications.
4. The implementation of stack-guard has proven effective in preventing unauthorized access to sensitive data stored in memory.
5. Stack-guard serves as a crucial defense in modern programming languages to enhance overall system stability and security.

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