

ABSTRACT

A USB memory (2) includes an MBR memory (261), and a distribution processing processor (221). The MBR memory (261) stores an MBR. The MBR is set to start up with higher priority by BIOS of an information processing apparatus and reads a loader to map the loader to a startup memory region of the information processing apparatus. The MBR is a program that position-aligns a stack region in a predetermined stack relationship with an interrupt vector table set in the startup memory region of the information processing apparatus. Prior to a startup of the MBR, the distribution processing processor (221) segments the loader into loader segments of a predetermined number, and generates mapping information in accordance with which the loader segments are loaded to the startup memory region. In this way, the external booting controls activities of malware.