

ERD-OS: A MAJOR THREAT TO OPERATING SYSTEM SECURITY

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ABSTRACT

Emergency Repair Disks are used to recover and backup data during an operating system failure or corruption. ERD's Can by-pass installed operating system and give throughout access to the system. ERD-OS is also known by the names By-pass loader or Hacker's OS or Mini OS. Now a day this became a popular way to attack systems due to several features of ERD-OS. None of the current Operating systems are unable to withstand this attack. ERD-OS works on all systems irrespective of the operating system installed in the system. On the other hand ERD can be used as an efficient way to recover data during an operating system crash or failure. This paper gives information about ERD-OS attack and the ways to prevent the same.

KEYWORDS: BIOS, Confidentiality, ERD-Emergency Repair Disk, Integrity, OS-Operating System