ARM : Anti-Ransomware Machine

Signature-less Ransomware Defense for Endpoints

ARM: Anti-Ransomware Machine

Ransomware threats are becoming both more commonplace and threatening every day.

OVERVIEW

ARM provides simple but powerful protection against all kinds of ransomware and eliminates the need for large, expensive defensive software suites.

Detect

ARM is a host-based defensive tool that protects your system from ransomware. ARM monitors for unavoidable behavioral traits inherent to ransomware to detect and block its execution on your system before it poses a serious threat to your data.

Block

When ransomware is detected, ARM terminates malicious processes to prevent any damage. ARM can block ransomware using even the most sophisticated evasion techniques.

Backup

ARM automatically backs up your important files so that in the event of ransomware touching even a small number of files, your data is safe.

How It Works: Advanced Low-Level Techniques

ARM runs as a Windows driver, giving extensive access to and control of system-wide file reads and writes. This access is used to change what files each process can see, tricking ransomware into exposing itself while letting users go on with their day-to-day operations unaffected. This low-level access is used to block anything but ARM from touching backup files, ensuring they never get encrypted.

Simple and Easy Defense

ARM does not require extensive new suites of software and servers to be installed. It's a single application that can be immediately installed on endpoints to start protecting against ransomware. ARM records events directly to the Windows Event Log to easily integrate into existing logging and monitoring pipelines.

ABOUT AIS

AIS is a cyber and information technology company that plays a leading role in supporting critical cyber operations for the United States Department of Defense and Intelligence Community. AIS employs expert engineers and research scientists across the United States .

ARM ADVANTAGE

- No signatures to update
- Single independent application
- Simple to use and configure
- Cost-effective

Blocks against 50+ known ransomware families

FOR MORE INFORMATION

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