Endgame Protection: Advanced Defenses Against Evolving Threats

Mobile technologies have become essential to organizations in every industry, but they also increase exposure to evolving cyberthreats, such as malware, phishing and zero-day exploits. Next-generation tools provide new capabilities to help organizations keep pace with changing security threats across increasing areas of attack.

The Advanced Defense Arsenal

As these threats have advanced, so have security solutions. They deploy several next-generation techniques that protect endpoints from evolving threats.

BEHAVIORAL ANALYSIS

This technique watches a system for signs of potential attack, and then takes action to block applications that engage in behavior matching one or more malicious patterns.

67%

The percentage of IT security professionals who said it is certain or likely that their organization suffered a data breach as a result of employees using their mobile devices to access the company’s sensitive and confidential information.

4.5 million

The number of Android malware samples in 2015, up sharply from the 2.9 million malware samples counted in 2014.

SECURITY REINFORCEMENTS

A third-party provider (such as CDW) can help organizations effectively deploy next-generation endpoint security solutions.

59%

The percentage of executives who use data analytics to model cybersecurity threats.

46%

The percentage of IT professionals who report that the cybersecurity skills in their organization are inadequate.

MACHINE LEARNING

By automating the learning process to recognize attack patterns, this technique detects previously unseen malware and stops attacks before damage occurs.

6 hours

The median amount of time needed to detect cybersecurity threats in October 2015, a steep decline from 39 hours in November 2014.

PHISHING

Email attacks prey on unsuspecting recipients by using a malicious attachment or link to trick the recipient to download malware.

30%

The percentage of phishing messages that were opened by the target.

To learn more about how next-generation endpoint defenses can help protect your organization and address evolving mobile threats, read the article “Next-Generation Defense for Endpoints.”

Sources:


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