RANSOMWARE AND ADVANCED THREATS

PANDA
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Securing Your Cyber-space… And More.

VM Advisory

Cape Town, South Africa

VM ADVISORY
securing your cyberspace

# Do you think your organization is protected against advanced threats?

The malware and IT security panorama have undergone a major change in terms of volume and sophistication. There has been an exponential increase in the number of viruses in circulation (around 200,000 new viruses appear every day), and new techniques for penetrating defences. Furthermore, advanced hacking methods of hiding malware are allowing threats to remain on corporate networks for long periods.

At the same time, IT environments have become increasingly complex, making the protection management more difficult and systems more vulnerable. Yet traditional antivirus solutions are out of step with the reality. Their linear evolution continues to use outdated detection techniques based on signature files and heuristic algorithms. This means that the results are inaccurate. In other words, the inflicted malware can go undetected for months or even years. The false positives are generated by inadequate protection systems, giving the company false impression of security.

This discrepancy has led to what has been dubbed the 'window of opportunity for malware' as the time lapse between the appearance of a new virus and the release of the antidote by security companies. An increasing gap that is exploited by hackers to get viruses, ransomware, Trojans and other types of malware into corporate networks. Such increasingly common threats can encrypt confidential documents and demand a ransom, or simply collect sensitive data for industrial espionage.
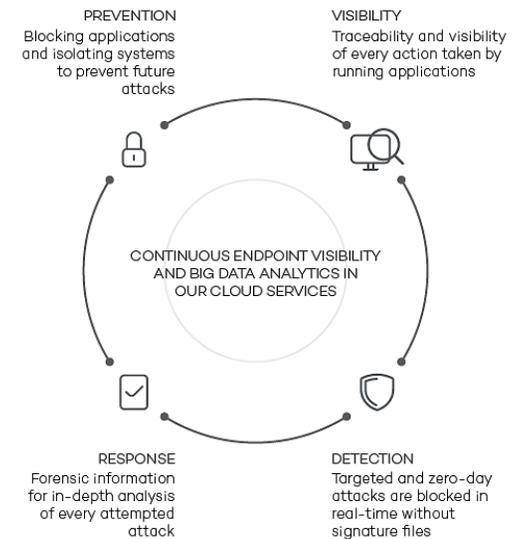
Governments, banks and other large companies are bearing the brunt of attacks as traditional antivirus solutions are simply not detecting the adverse activities timely.

The latest stats, including millions of virus samples, revealed that at least 18 percent of malware is undetected in the first 24 hours after it is released. The perpetrated malware can remain undetected even after three months since the traditional antivirus products are still unable to identify these types of threats.
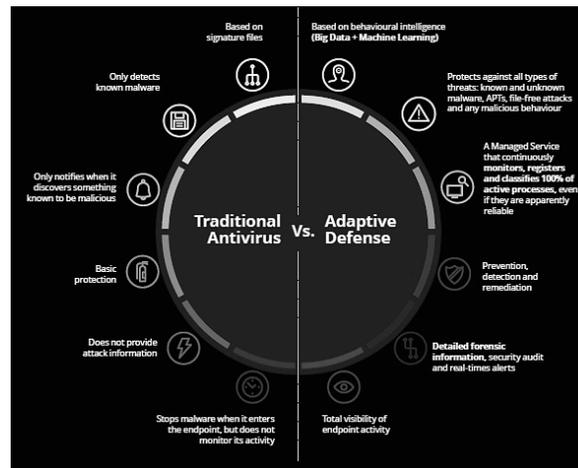
Solution

Our recommended solution for preventing and mitigating advanced threats is **Adaptive Defense 360** along with our **Security Awareness Programme.** This next generation protection solution is a security platform which accurately classifies every application used in your organization, only allowing legitimate programs to run.

PREVENTION
Blocking applications and isolating systems to prevent future attacks

VISIBILITY
Traceability and visibility of every action taken by running applications

CONTINUOUS ENDPOINT VISIBILITY AND BIG DATA ANALYTICS IN OUR CLOUD SERVICES

RESPONSE
Forensic information for in-depth analysis of every attempted attack

DETECTION
Targeted and zero-day attacks are blocked in real-time without signature files

Contact Us

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