CHECK POINT + CLOUDLOCK
SECURE THE CLOUD

Benefits

- Discover sanctioned ("Shadow IT") cloud app usage
- Detect and quarantine malware within SaaS, PaaS, and IaaS environments
- Unify data protection on-premises and in public cloud environments
- Leverage Risk Probability Index to assess unsanctioned cloud apps

INSIGHTS

It’s no secret that adoption of the cloud is on the rise. Organizations find themselves using a mix of private and public cloud or hybrid cloud environments. How the cloud is used is not always clear to IT (Information Technology) staff however. Employees may use public cloud infrastructures, platforms and applications without IT knowledge or approval in what is called “shadow IT”. Unifying data management and security across on-premises and public cloud environments creates enormous challenges for cyber security teams and leaves organizations in a diminished capacity to address a growing number of cyber threats. A cloud-based security policy enforcement point is needed; one that is placed between employees — whether on or off the corporate network — and cloud service providers.

JOINT SOLUTION

Check Point and CloudLock®, a Cloud Access Security Broker (CASB) solution, have partnered to identify and control how employees are using cloud service providers. On-premises, the Check Point next generation firewall secures and controls cloud application usage. Information such as user and application data is shared with CloudLock to extend the corporate security to the cloud with discovery and control of unsanctioned cloud applications that are connected to sanctioned cloud applications via OAuth, providing a crowd-sourced Community Trust Rating to identify individual app risks.

With the CloudLock Cybersecurity Orchestrator™, information security teams can increase the value of their existing Check Point investment to see and control both on-premises and cloud environments. Organizations can leverage the on-premises visibility of cloud applications with a unique predictive index to achieve a unified view of self-enabled or shadow IT cloud applications, whether those apps are traversing the corporate network or otherwise connected to sanctioned cloud apps used by the organizations.

In addition you are protected from malicious files in cloud-based apps with CloudLock’s integration with Check Point SandBlast. As part of the Check Point SandBlast Zero-Day Protection solution, the Threat Emulation engine detects malware at the exploit phase, even before hackers can apply evasion techniques attempting to bypass the sandbox. Files are quickly quarantined and inspected, running in a virtual sandbox to discover malicious behavior before employees are infected.
UNIFY CLOUD SECURITY
- Discover cloud applications used by employees regardless of how and where users access them, including both on and off the corporate network and with or without corporate credentials
- Aggregate crowdsourced risk intelligence across CloudLock and Check Point to determine the risk of cloud apps
- Enforce best practices and mitigate risk through, policy-driven application control

DETECT CLOUD MALWARE
- Identify both known and unknown malware including spyware, keystroke loggers, Trojans, and rootkits through signatures, behavior blockers, and heuristic analysis
- Analyze malicious files hosted in cloud environments through Check Point’s advanced Threat Emulation capabilities
- Prevent infections from cloud-based and on-premises-based malware
- Enforce automated quarantining of files determined to be malicious

ABOUT CHECK POINT
Check Point Software Technologies Ltd. (www.checkpoint.com), is the largest pure-play security vendor globally, provides industry-leading solutions, and protects customers from cyberattacks with an unmatched catch rate of malware and other types of attacks. Check Point offers a complete security architecture defending enterprises’ networks to mobile devices, in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes. At Check Point, we secure the future.

ABOUT CLOUDLOCK
CloudLock, the leading provider of CASB and Cybersecurity-as-a-Service solutions, offers the cloud security fabric enabling enterprises to protect their data in the cloud, reduce risk, achieve compliance, manage threats and increase productivity by continuously monitoring and protecting more than one billion files for more than 10 million end users daily. CloudLock delivers the only complete, risk-appropriate and people-centric approach to cloud cybersecurity. Learn more at www.cloudlock.com.