THE ATTIVO THREATDEFEND PLATFORM INTEGRATES WITH THE BROADCOM PROXYSG

Advanced attackers have ways to evade prevention systems to get inside corporate networks and data centers. Once inside the network, the attacker can steal valuable company information, encrypt data for ransom, or cause financial or reputational harm. Recent breaches have impacted individuals and, in many cases, caused damage to the company reputation and balance sheet. It has become hard to dispute that a security strategy primarily focused on prevention controls is sufficient to defend against cyber attacks. A modern security strategy must assume that intrusions will occur and include detection systems that quickly reveal attackers inside the network.

HIGHLIGHTS

• Automatic blocking of an attacking IP address
• Automatic incident response to stop data exfiltration
• Cross-platform information sharing

INTEGRATED SOLUTIONS

A modern security posture includes prevention and inside-the-network threat detection for a comprehensive defense of the organization. The Attivo Networks® ThreatDefend® platform brings an efficient new approach to accelerating breach discovery in the network, data center, and cloud by using deception and concealment technologies to make it difficult for attackers to breach or compromise valuable assets. The ThreatDefend platform creates a detection fabric at the network, endpoint, and Active Directory to detect attackers that evade perimeter and endpoint security.

Additionally, the platform captures forensics of all attack activities to gather adversary intelligence, capture Indicators of Compromise (IoCs), as well as to provide full Tactics, Techniques, and Procedures (TTP) for faster remediation. API access to this data enables the platform to publish to existing network security infrastructure, significantly improving incident response time. The ThreatDefend platform integrates with the Broadcom ProxySG, which can promptly block internal endpoints from accessing resources outside the corporate environment and stop data exfiltration.
HOW IT WORKS

The ThreatDefend platform seamlessly integrates with the Broadcom ProxySG to deliver the internal compromised endpoint addresses that it needs to block from communicating with command and control (C2) servers or any other external communication.

The platform compiles the necessary information and makes it available to the ProxySG through its dedicated connector. As such, the ThreatDefend platform complements and feeds the ProxySG database to block the compromised endpoints from opening backdoors with the C2 servers or from exfiltrating any data.

The ThreatDefend platform provides full attack surface coverage to deny, detect, and deflect the attacker during its discovery, credential theft, lateral movement, and privilege escalation phases.

The ThreatDefend platform reduces the attack surface by remediating lateral attack paths and creates decoy assets that match the production environment to engage attackers. It also conceals sensitive or critical data to deny the attacker's access and misdirects their lateral movement activities to the decoys for engagement. The platform can deploy the fabric to on-premises, cloud, and remote locations as a physical, virtual, or cloud appliance.

KEY FEATURES AND BENEFITS

The ThreatDefend platform integration with the Broadcom ProxySG helps customers block an infected machine to prevent data exfiltration or communications with C2 servers, thus minimizing the breach's impact.

THE LIFE CYCLE OF ATTACK DETECTION TO BLOCKING

- ThreatDefend platform detects the attack and alerts on the attacking IP address
- The platform sends the IP address to the Broadcom ProxySG for blocking
- The ProxySG blocks all traffic originating from the attacking IP at the perimeter

ABOUT ATTIVO NETWORKS®

Attivo Networks®, the leader in cyber deception and lateral movement attack detection, delivers a superior defense for revealing and preventing unauthorized insider and external threat activity. The customer-proven Attivo ThreatDefend® Platform provides a scalable solution for derailing attackers and reducing the attack surface within user networks, data centers, clouds, remote worksites, and specialized attack surfaces. The portfolio defends at the endpoint, Active Directory and throughout the network with ground-breaking innovations for preventing and misdirecting lateral attack activity. Forensics, automated attack analysis, and third-party native integrations streamline incident response. The company has won over 130 awards for its technology innovation and leadership.

www.attivonetworks.com

ABOUT BROADCOM INC.

Broadcom Inc. is a global infrastructure technology leader built on 50 years of innovation, collaboration and engineering excellence.

With roots based in the rich technical heritage of AT&T/Bell Labs, Lucent and Hewlett-Packard/Agilent, Broadcom focuses on technologies that connect our world. Through the combination of industry leaders Broadcom, LSI, Broadcom Corporation, Brocade, CA Technologies and Symantec, the company has the size, scope and engineering talent to lead the industry into the future.

www.broadcom.com