The Protector That Your System Deserves

PRODUCT OVERVIEW

sipPROT

bicom
SYSTEMS

What is sipPROT?

sipPROT is Bicom Systems' own answer for a defensive measure against SIP attacks. It's a module that works together with PBXware and SERVERware that monitors live SIP traffic and detects potential abnormalities. Once detected, sipPROT locks them out by updating the firewall or by blocking the IP address directly, without requiring any input from your end other than adjusting the length of the lockout period.

sipPROT is equipped with a strong defensive arsenal which protects some of the core aspects of the system, be it from SIP attacks through the use of SIP scanner protection and SIP protocol anomaly detection, or from TFTP attacks by utilizing TFTP brute force protection, all of which are some of the most common and damaging cyber security risks.

Essential sipPROT Features & Benefits

DYNAMIC BLOCKING AND UNBLOCKING

One of sipPROTs main assets is its ability to react quickly when it detects a threat, automatically blocking down the IP address of a potential attack and keeping your system safe from what would've been a potential breach.

The lock isn't permanent, but the time can be adjusted to a length more suitable to your preferences so the user isn't permanently locked out from your services due to the nature of dynamic IPs in most ISPs which can lead to the specific IP address no longer being compromised.

And all of this is done with minimal manpower requirements to maintain it, allowing you to free it up for other tasks.

AUTO-PROVISIONING ATTACK DETECTION

One of the most vulnerable points of a SIP system tends to be its auto-provisioning service, but with sipPROT, even that area is covered thanks to its TFTP Brute Force Attack detection.

It easily spots potential attacks on the system that are trying to redirect all of the requests and messing with the system to whatever degree and stop them in their tracks.

MANAGEMENT OF ALLOWLISTS AND DENYLISTS

sipPROT has another excellent quality of life feature which will save your system admins a lot of man hours, the ability to import and export allowlists and denylists from one system to another in .csv format.

They can also add specific notes to specific IP addresses if necessary so they could be given more attention as well as remove IP addresses from the same lists in bulk and define multiple SIP ports to be protected.

All of this serves to greatly improve their workflow and eliminates a lot of the tedium from their day-to-day duties.

GeoIP BLOCKING

Utilize the full power of sipPROT through the use of GeoIP blocking, allowing system admins to lock out the IP range of an entire country in case of a large SIP attack or for any other valid reason.

24/7 Expert Support at Your Fingertips

Rest assured with round-the-clock support. Our highly trained experts are always available to address any system-related issues or questions that you may have, ensuring seamless operations and peace of mind.

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to find out more about our services

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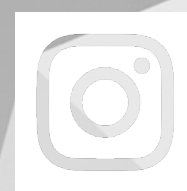Email: sales@bicomsystems.it

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