



THE BEST SOLUTIONS
SBC-PROXY HA
APOLO PROXY HA



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APOLO SBC PROXY

SBC SIP BORDER



SBC Proxy is the perfect solution to achieve an infrastructure in high availability. Client registration as well as the Wholesales (SIP Tunk) interface is established as an edge node that performs the functions of Forward Packet towards 2 Softswitch or SIP servers functioning as Host-Stby to arm a 1 + 1 architecture



EFFICIENT COMPATIBLE

It is inserted as an additional node in the network between the SIP platforms and the client, operating at the SIP service level, with the only connectivity requirement between the SBC and the SIP



CLOUD INSTALLATION

Considering that ApoCore works at the service level, you can install the solution in a cloud environment and the media servers (SIP) can be anywhere.



BORDER SECURITY

Avoid malicious packets and hide the network topology, both in public and private environments by filtering the listening of the SIP servers only the Apollo SBC HA IP that handles a very complete



1 + 1 AVAILABILITY

Positive impact on customers, avoiding falls due to platform failures. Increase availability to 100% with a secure switching system at the service level.

THE IDEAL SOLUTION FOR

HIGH AVAILABILITY SIP PLATFORMS

The ultimate goal of the solution is to achieve HA by reducing the impact of failures for the customer.

SBC HA performs the Forward of all SIP packets (all methods) to establish the dialogue between the media server (any brand) by switching in 35 seconds in case of failure and returning to the normal condition when the main server is restored .

INTEROPERABILITY

Among supported standards: RFC3261, RFC3262, RFC3263, RFC3880, RFC4474, RFC2865, RFC2866, RFC4975, RFC3486, RFC 3265, RFC 3856, RFC 3863, RFC 4480, RFC 3903, RFC 3857, RFC 3858, RFC 3680, RFC3581, RFC1918, RFC2617, RFC4122, RFC4510, RFC4515, RFC4662, RFC4826, RFC4745 and RFC5025, RFC3410, RFC3327, RFC2741, RFC4516.

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Avoid malicious packets and hide the network topology, both in public and private environments by filtering the listening of SIP servers only the Apollo SBC HA IP with a very complete IP-SIP firewall.



QUICK INSTALLATION

- Linux Ubuntu SO
- Installation from repository
- Web Compiled in Angular



REGISTER MANAGEMENT

- Check Packages VoIP
- User-Agent Check
- Registration Adjacency



SECURITY

- Dynamic Block Register
- SIP Attack Check
- Goip Management



SIP TRACER

- SIP Packet Monitoring
- SIP Dialogues
- Online Diagnostics



SWITCHING 1 + 1

- Host-Stby Management
- APS in 35 Seconds
- Option Check



INTERCONNECTIONS

- Sip Trunk Management
- Management DID
- Wholesales Trunks



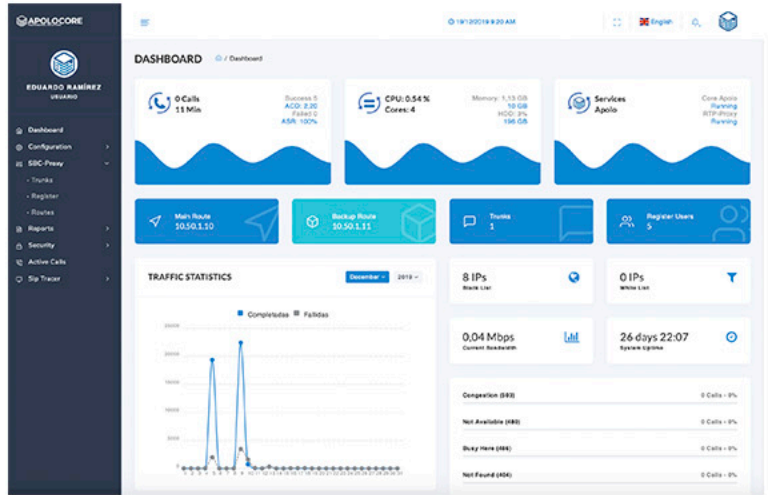
MAIN FEATURES

SYSTEM MANAGEMENT

Solid interface for the management of the SIP network and telephone traffic.

System status, alarms and real-time performance with a live interface.

Automatic switching based on the SIP protocol.



Screenshot of the ApoloCore GEO IP interface showing a table of rules with columns for Rule, Country, Date, Method, and Description.

SECURITY AND GEOIP

Automatic protection algorithms based on SIP packet analysis, automatic blocking, cause analysis and protection against malicious patches and injection attempts.

Global database management for geographic network blocks.

Security and anti-fraud (Invite, Register and Subscribe).

APOLO REGISTER HA

Turn your infrastructure into High availability, achieving automatic switching of services in one or more SIP servers. The HA function inserts fault tolerance in SIP services.

Ideal for the use of Cloud infrastructures.

