Table of Contents

Development Plans

Development Plans for 2025-2029

BRAS/BNG

- Release of the version with On-Stick support with port dividing by VLAN-ID
- Release of the version with support for aggregation of ports into LAG by Stingray
- Single Session support for IPv4/IPv6
- Support for Active-Active and Active-Standby redundancy scheme for BRAS DHCP
- Support of subscriber quota and logic for switching tariff plan in case of quota exhaustion, depending on time of day (based on PCRF logic).
- Creation of dynamic service interfaces (access points) for Dot1Q, Q-in-Q ranges with the ability to specify connection types for each range
- Host Lockout support - Functionality that allows to block attempts of a subscriber to connect (not to send an authorization request to the Radius server) in case of repeated failure of authorization
- Use of different Radius groups for authentication
- L3VPN implementation
- L2TP support
- Supports MPLS label-based routing. LDP protocol and segment routing

DPI

- Support for different prefix lengths for IPv6 (now only fixed size /64 or /56 or /48 is supported)
- Development of custom signatures service
- Redirecting traffic according to specified criteria, for example, DNS spoofing. The criteria will be port, protocol. Redirection is performed in VLAN on Linux interface with balancing
- DSCP tag mapping
- Implementation of ACL analog

NAT

- NAT 64, will allow to use a single IPv6 stack and avoid routing table overflow

More

- Co-development with Kaspersky
- Support for 5G core network
- Diameter protocol support (Gx, Gy, Gz interfaces)

- Development of services: DDoS, Botnet, SPAM detection