EcoNAT
Release Notes

Release notes for 3.1.3.1.8 version.

Release date January 19 2018.

Added

BRAS. Added the ability to configure a backup RADIUS server.

BRAS. Added the ability to share the bandwidth between multiple RADIUS subscribers.

BRAS. Added support for DHCP option 82.

BRAS. Added a brief summary of the statistics using the **show brasinfo summary** command.

BRAS. Added commands for cleaning configuration items: **dropservices, droppolicies, dropradius**.

NAT. Added viewing of information about cngnat port allocation errors using the **show cgnat errors** command.

NAT. Added the ability to close the session by one FIN packet (for asymmetric traffic). The function is available on request.

URL filtering. Added setting of work with VLAN tags. Sending redirection packets and interrupts with and without tags in the **double_mirrored_traffic** mode.

URL filtering. Added support for IPv6.

URL filtering. Added viewing of information about CAIR categories for individual addresses with the command **show cairrecords <URL>**.

URL filtering. The possibility of obtaining the Roskomnadzor registry through a proxy is added.

Added the ability to specify specifiers in the **redirect_url** elements of the configuration tree.

Added support for Jumbo Frame MTU up to 9692 Bytes.

Added software speed limit for the platform.

Added viewing traffic information on the interface using the **show interface <NAME>** traffic and **show interface <NAME> traffic monitor** (in real time) commands.

Added viewing statistics for the MNG interface using **show interface brief** and **show interface mng** commands.

The output of counters on ports is added using the **show interface <NAME> counters** command.

Changed

URL filtering. The algorithm for initializing URL filtering functionality has been improved.

URL filtering. The **redirect_interval** and **redirect_interval_url** redirection timer options are available for each **dpilist**.

URL filtering. Improved **shortlist** mechanism.

URL filtering. The CAIR base began to work on the principle of domain-mask.

Changed the work with fragmented packages. Packages are sent "as is" they came to EcoNAT.

The output of the command **show interface brief** was added information about loading ports.

ARP logic is changed on the logging interface. If ARP disappears from the server, sending logs to the server is terminated.

Fixed

Fixed loading with an empty or error-containing configuration file.

Fixed checking the values of elements of the configuration tree of type **<IP>/<MASK>**.

Fixed processing of the write command.