EcoNAT Release Notes

Release notes for 3.1.4.0.0 version.

Release date June 17 2019.

Added

URL filtering. Implemented DPI based on application signatures.

URL filtering. Added **show dpistate** command (utilization of DPI buffers).

BRAS. Added RADIUS servers groups. Changed configuration tree section with RADIUS settings. After the upgrade, you must configure the settings, according to the section "RADIUS server settings".

BRAS. Added IPv6 support in BRAS.

BRAS. Added attribute Framed-IP-Address in Accounting packages.

NAT. Added packet logging / byte logging per session.

NAT. Added logging of the beginning and end of the session.

NAT. Added DSCP packet logging.

NAT. Added to the SNMP name and pool type by pool **id**.

Added version number and serial number in SNMP.

LLDP data added to SNMP.

Added calculation of total traffic in the **show interface all traffic [monitor]** command output.

Added reductions in binary units in the **show interface all traffic [monitor]** command output.

Added the ability to send logs via **mng**-interface.

Added validation of input parameters of type string.

The user's IP address has been added to the output of the **who** command.

Added the ability to interrupt the **ping** and **traceroute** commands using the **[ctrl + c]** or **[backspace]** key combination.

Added OTT-log.

Changed

Changed output when you run the **apply** command (the entire configuration is no longer displayed).

Improved traffic handling during the execution of the **apply** command.

Improved RADIUS authentication and accounting functionality.

NAT. Improved ACL engine. Attention! If an ACL is attached to a **static** pool, then the list should not include the line **permit any any**.

NAT. In the **fake** pool, it is no longer necessary to specify **global_ip** — for both directions of traffic, the data is taken from the pool-attached ACL.

QoE logs are now sent in binary form - the amount of generated traffic is reduced, and the performance is increased.

The **servers_ip_and_port** parameter is renamed to **server_ip_and_port** (sections of the clickstream and shortlist configuration tree).

Fixed

URL filtering. Fixed frequent remounting when deleting deltas.

URL filtering. The upload_dump_server function now saves files uploaded to an external server in the correct format (* .zip).

URL filtering. Corrected **dpi behavior color**.

Fixed SNMP counters **show memstat** command.

Fixed display of IPv6-addresses in the output of **show sessions**.

Fixed display of IPv6-addresses in the configuration tree.

Fixed using "|" for the **show config <config>** command .

Fixed **timestamp** in **connection_log** of NetFlow format.

Fixed dependence of QoE logs on the **connection_log**.

Fixed calculation of NIC buffers for various platforms.

Fixed incorrect application of **system.clickstream.source_port** setting.

Fixed incorrect definition of terminal sizes for the "| **more**" conveyor.

Fixed incorrect interruption of the output "| **more**" by the key combination **[ctrl + c]** or **[backspace]**.

Fixed VLAT functionality.