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Radius events monitor is designed to send to DPI the information on assignment and release of subscribers' IP addresses in networks using dynamic IP assignment[1]. It can control DPI servers capable to process a traffic of 100 million subscribers[2].

Radius events monitor runs on a general purpose computer. However, due to deep code optimization and integration with the hardware, the hardware configuration has to meet some specific requirements:

1. CPU has 2 kernels or more.
2. Network cards on chipsets Intel 82575/82576/82580/82599 or x540 with 1, 2, 4 or 6 ports.
3. Any network adapter to handle control connection by SSH (usually the motherboard integrated one is OK).

Radius events monitor runs under OS CentOS 6.5 (CentOS x86_64) or higher.

[1]
Information transfer on policing services and settings via additional Radius attributes is under development
[2]
Radius events monitor is currently in use by Rostelecom network