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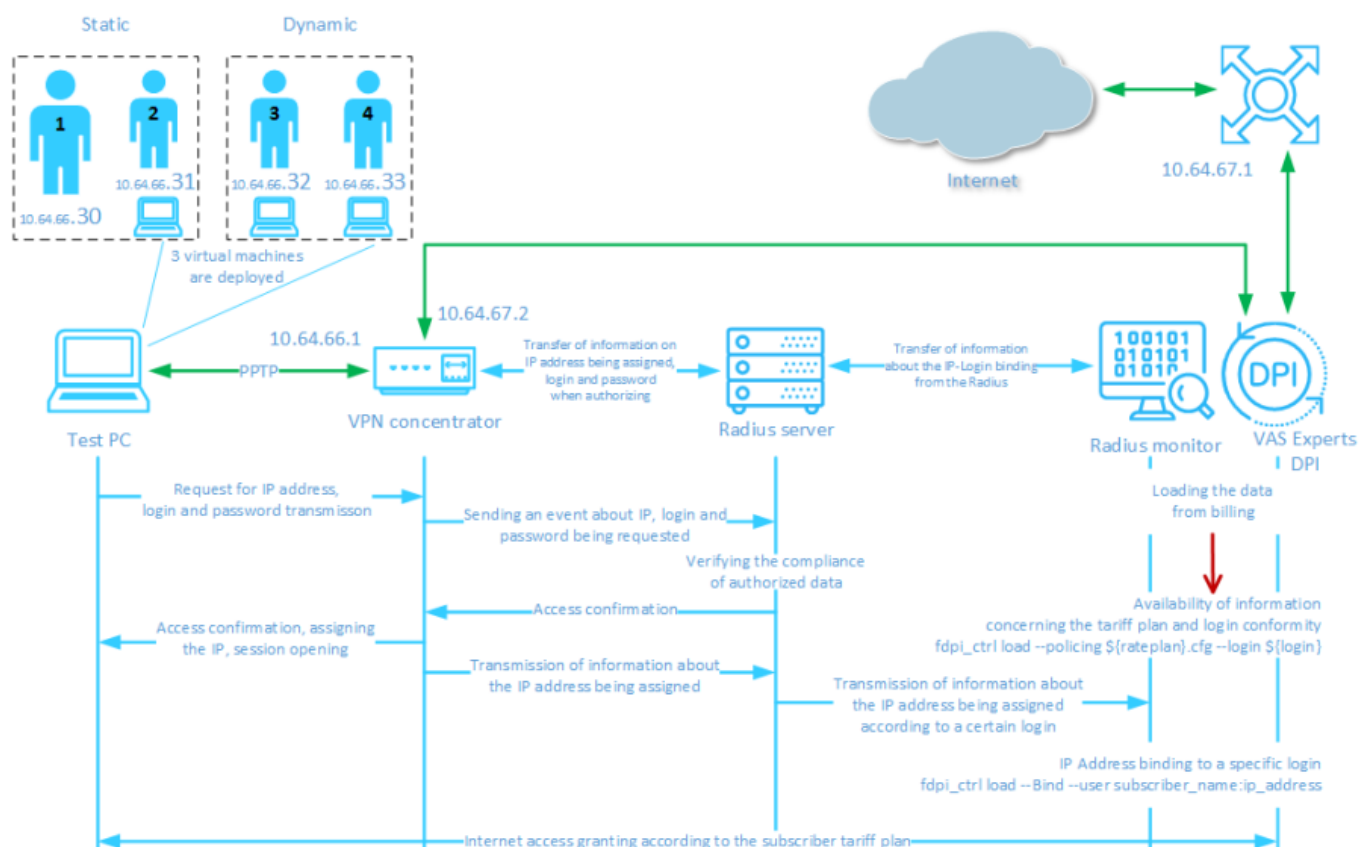
# 1 Description and hardware requirements

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<sup>1)</sup>. It can control DPI servers capable to process a traffic of 100 million subscribers<sup>2)</sup>.

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 [VEOS 8.6](#).



<sup>1)</sup> Information transfer on policing services and settings via additional Radius attributes is under development

<sup>2)</sup> Radius events monitor is currently in use by Rostelecom network