

**Содержание**



SKAT DPI exports statistics by protocols and by directions in [netflow5](#) format. This format is supported by most of free and commercial tools to collect and analyse stat data. For your convenience, we deliver [free SW to view and analyse statistics](#) - slightly adopted version of [nfsen](#), with extensions to build reports by protocols and independent systems' names.

Transmission of the DPI information by netflow5 has some peculiarities:

1. The information on the used protocol is defined in [dstport](#) field (port number). [The port number specified by IANA association for the protocol](#) is used when available. However, for [the protocols with floating number \(torrents, skype and so on\)](#) the special number in the upper range (49152-65534) is reserved. This range is specified by IANA for private ports. The port number 65535 is assigned for protocols that failed to be detected.
2. The statistics by protocols is transmitted in aggregated format. DPI accumulates statistics by the protocol by combining an information from various sessions. Then DPI sends this information to a collector within the specified schedule. This method allows dramatical reduction of amount of transmitted data.
3. Direction information is defined by [dst\\_as](#) field (independent system's number)
4. The statistics by directions is transmitted in aggregated format. DPI accumulates statistics by the direction (AS number) by combining an information from various sessions. Then DPI sends this information to a collector within the specified schedule. This method allows dramatical reduction of amount of transmitted data.

**The scheduled development:**

IPFIX support.