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SCAT DPI allows bandwidth restriction by protocol groups. The frequent application of this functionality is in torrents restriction. One of the possible usage examples is described here: ["Optimizing uplink channel usage"](#).

We offer two methods for your choice:

1. Bandwidth restriction with burst support in CISCO style (the classic token bucket).
2. Bandwidth restriction with borrowing in [Linux HTB](#) style.

Protocols are divided into 8 classes. This number is limited by number of priorities set up by the option ["Protocol dependent prioritizing of traffic"](#). Placing of a particular protocol into its class is controlled by the same option: ([class = priority](#)). This approach allows to combine in a compatible way using of external and internal shapers.