Table of Contents

Changelog of SSG BETA-version

Changes in version 13.3 BETA1

1. [DPI] New protocols added: BIGOTV [49305], SAYHI [49306], AZARLIVE [49307].
2. Added: hot parameter `smartdrop = 1`. If `drop` is set for the protocol, it will be deferred until the TLS is parsed or a TLS parsing error occurs.
3. Fixed: Adding HTTP domains ending with `:` (port number).
4. [Utils] Fixed: `checkproto` now considers MARK1 and checks if the port number is specified. For example, `checkproto 8.8.8.8 443` www.google.com and `checkproto 8.8.8.8` www.google.com may return different results.
5. Changed the path for loading ASNUM from VAS Cloud (cloud.vasexperts.ru).
6. Blacklist blocking in GTP tunnel (with the `detect_gtp_tunnel` setting).
7. Fixed: HTTPS blocking with the `hard` option.

Changes in version 13.3 BETA2

1. [DPI] Improved Viber recognition.
2. Support for reload of `/etc/dpi/asnum6.bin`.
3. [Utils] `bin2as` now accepts any number of input files as arguments.
4. [Utils] `ascheckip` accepts addresses for batch verification via `stdin`.
5. [Utils] `bgp2bin` works similarly to `as2bin`, but only accepts /24 or larger subnets. It recognizes the IP1-IP2 range format as in RIPE records (extracting /24 or larger subnets from it). Subsequent entries take precedence over previous ones, creating a slightly larger file than `as2bin`. However, in this file, subnet ranges do not overlap (as less prioritized entries are filtered out). This allows the utility to process data from multiple sources in order of priority.
6. [BRAS][PPP] Fixed: Heterogeneous dual-stack. One address (IPv4 or IPv6) is explicitly set, while the other (IPv6 or IPv4) is assigned via framed-pool.

Update instructions

You can check the current installed version with the command below

```
yum info fastdpi
```

If you have CentOS 6.x or CentOS 8.x installed, then switch the repository once with the command:

```
sed -i -e '/^mirrorlist=http:\/\//d' -e 's/^#
*baseurl=http:\/\/mirror.centos.org/baseurl=http:\/\/vault .centos.org/'
/etc/yum.repos.d/CentOS-*.repo
```

and then update as usual.

To install the test version, you should issue the following command:

```
yum --enablerepo vasexperts-beta update fastdpi
```

Downgrade to 13.1:

```
yum downgrade fastdpi-13.1 fastpcrf-13.1
```

⚠️ After an update or version change, a restart of the service is required.