Содержание

2 Minimal FastDPI setting for L2-connected BRAS

BRAS mode activation

The BRAS functions are activated by the following mandatory settings in the fastdpi.conf configuration file.

Activating the user property store

The UDR (user data repository) internal user properties database should be activated for the BRAS works properly: the fastdpi.conf should contain the following line:

```
udr=1
```

Enabling BRAS general functionality

```
bras_enable=1
```

Activating the DNA interface properties towards the WAN

`bras_arp_ip` sets the BRAS IPv4 address. This IP address must be unique, it should not be bind to any user. The example:

```
bras_arp_ip=192.168.1.255
```

`bras_arp_mac` is the BRAS MAC address, used format: XX:XX:XX:XX:XX:XX. This MAC address must be unique across the entire local network; it can be an artifactural MAC address that is not associated with real network cards. In order to avoid an accidental coincidence with the real Subscriber MAC address, we recommend to select the real MAC address of one of the DNA cards. For example:

```
bras_arp_mac=a0:00:b1:01:4e:cc
```

Authorization Activation

To enable authorization and specify the list of fastpcrf servers you should specify the following lines in the fastdpi.conf configuration file:

```
enable_auth=1
auth_servers=127.0.0.1%lo:29002;192.168.10.5%eth1:29002
```

The format of a individual server entry is: **`ip%dev:port`**, here:
`ip` is the server IP address,
`dev` is the local device used to establish connection,
`port` is the tcp port. FastDPI establishes a connection with the first available FastPCRF server from the list.

Full example of the minimal FastDPI setting for L2-connected BRAS

```
udr=1
auth_servers=127.0.0.1%lo:29002
bras_enable=1
bras_arp_ip=192.168.1.255
bras_arp_mac=a0:00:b1:01:4e:cc
```