Содержание

Let SKAT be connected as follows:

```
dna1,dna2,dna3 - receive the mirrored traffic
dna0 - is connected to the router that receives and redirects subscribers'
queries and to Internet
```

One has to configure DPI for mirrored traffic processing as follows:

First, assign the input ports that receive the mirrored traffic to in_dev:

```
in_dev=dna1:dna2:dna3
```

Second, assign the ports that get the redirection request to out_dev:

```
out_dev=dna0:dna0:dna0
```

Enable asymmetric mode:

```
asym_mode=1
```

Set direction of replies out_dev:

```
emit_direction=2
```

Disable traffic bypass:

```
tap_mode=2
```

And configure MAC replacement:

```
replace_source_mac=00:25:90:E9:43:59 - MAC address of out_dev card: dna0
replace_destination_mac=78:19:F7:0E:B1:F4 - the switch MAC address that
receives packets
```

It is advised to use an additional 1GbE network card to send the replies in mirrored traffic mode. For example, intel i350 (with DNA license) can be used. This allows to configure an individual port for sending redirection replies and to reserve 10GbE ports to receive the mirrored traffic.