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# 2 DNA Version Configuration

## Configuring network interfaces used

The interfaces are configured by pairs "input" - "output". For further convenience we consider that "input" faces the internal network and "output" faces uplink. Each pair forms a network bridge. It is transparent on L2 level. The interfaces available for configuring have names in format dna<digit>.

### Example 1

To create the following pairs, or bridges:

dna0 ↔ dna1

dna2 ↔ dna3

dna4 ↔ dna5

```
in_dev=dna0:dna2:dna4
out_dev=dna1:dna3:dna5
```



10 and more Gbps full duplex performance setting is described in the [vertical scaling section](#).

### Example 2

The complete DPI configuration file to perform filtering by Federal Supervision Agency for Information Technologies and Communications and Department of Justice lists:

```
in_dev=dna0
out_dev=dna1
federal_black_list=true
```

Notes:

in\_dev and out\_dev - are the "cold" parameters

federal\_black\_list - is the "hot" parameter

Please check the chapter [administration](#) for details.

## Other settings

Other settings relate to specific options and are located in [the corresponding sections](#).



During the system installation other important system settings could be made. They



should not be deleted, and can be changed only if you understand the consequences of what you are doing.

Here are some of them:

```
#Scale factor is about 1 for every 1 Gigabit of bandwidth
scale_factor=10
timeout_check_dev=0

#FDPI Control
ctrl_port=29000
ctrl_dev=lo

#Turn on UDP detection
only_tcp=0

#Turn on UDR
udr=1
```