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2 Database administration

The built-in database is fault-tolerant and does not require administration. However, it has occurred in some rare cases that database has been corrupted. In this case, the following options are possible:

1. database deletion and subsequent loading of data from scratch

```
Stop dpi
service fastdpi stop
Delete database
/bin/rm /var/db/dpi/*
Launch dpi
service fastdpi start
Load all settings in the database from scratch
```

2. database recovery with data transfer

```
Stop dpi
service fastdpi stop
Run script
mdb_dump -a -f dump.txt /var/db/dpi
/bin/rm /var/db/dpi/*
mdb_load -f dump.txt /var/db/dpi
Launch dpi
service fastdpi start
```

Activating the built-in database

User data repository or UDR is a built-in database. It permanently stores data on services and policing configuration for operator's subscribers. UDR activation is required to support dynamic IPs and subscribers with several IPs.

UDR is activated by configuration parameter in file `/etc/dpi/fastdpi.conf`:

```
udr=1
```

The database is placed to `/var/db/dpi`.