

## **Содержание**

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# 3 FastPCRF installation and configuring for L3-connected BRAS

The FastPCRF application is an individual component and can be installed on a FastDPI server or on a dedicated one.

## FastPCRF configuration

FastPCRF configuration is specified in the /etc/dpi/fastpcrf.conf file.

Minimum configuration:

```
fdpi_server_list=127.0.0.1%lo:29000;192.168.20.10%eth2:29000  
radius_server=secret@192.168.10.20%eth1:1812  
radius_server=secret2@192.168.10.21%eth1:1812
```

Description of the minimum configuration parameters:

**fdpi\_server\_list** is a list of FastDPI servers that are served by the given FastPCRF server. You can specify up to 16 different servers. Format to specify the server is: **ip%dev:port**, where **ip** is the FastDPI server IP address, **dev** the local interface used to establish a connection with FastDPI, **port** is the FastDPI [management port](#) (typically it is 29000). The management port specified in the in fastdpi.conf must match the one specified in the fastpcrf.conf.

**radius\_server** specifies a single RADIUS server. Each RADIUS server is specified in a separate **radius\_server** parameter. Format to specify the server is: **secret@ip%dev:port**, where **secret** is the RADIUS secret, **ip** is the RADIUS server IP address, **dev** is the local interface name used to establish a connection, **port** is the RADIUS server auth port.

You are allowed to specify up to 16 RADIUS servers, and the first specified one in the fastpcrf.conf considered to be the main, whereas the rest ones are backup. A connection is established with only one RADIUS server from the list; backup servers are used only when the primary one is unavailable.

## FastPCRF parameters

FastPCRF supports the fine-tune [parameters](#) to communicate with RADIUS servers.

## FastPCRF logs

FastPCRF keeps various [log files](#) containing information about its operation.