Содержание

4 FastPCRF journals

Log files

FastPCRF logs its actions to the /var/log/dpi/ directory. The following list of log files along with other journals is available:

- fastpcrf_alert.log
- fastpcrf_ap0.log
- fastpcrf_ap1.log
- fastpcrf_ap2.log
- fastpcrf_ap3.log
- fastpcrf_ap4.log
- fastpcrf_stat.lo

Tracking

> It is possible to change the tracing parameter values "on the fly", i.e. without stopping the service, by editing the tracing parameter in the fastpcrf.conf configuration file and executing the `service fastpcrf reload` command.

Logging level is specified by the `trace` parameter in the fastpcrf.conf configuration file. The `trace` value is specified by bitmask and each its bit specifies the verbose logging of one of the following subsystems:

- 0x00000001 - connection monitor. Radius connection monitor. It monitors the activity of connections, makes the decision to switch to the backup Radius server if necessary.
- 0x00000002 - task scheduler. Internal task scheduler.
- 0x00000010 - auth server, is responsible for authorization requests receiving from the fastDPI(fastDPI → fastPCRF connection).
- 0x00000200 - radius_client connections. Verbose logging of Access-Request requests and corresponding Access-Accept/Reject responses.
- 0x00000400 - radius_client monitor. Logging of the Server-Status requests being sent to check if the Radius server operates along with logging corresponding responses to them.
- 0x00001000 - CoA server. CoA events logging.
- 0x00002000 - CoA listener - establishing connections with CoA clients.
- 0x00004000 - CoA processor - verbose logging of CoA requests.
- 0x00010000 - fdpi_ctl - logging of the fastDPI data sending events (fastPCRF →fastDPI connection).
- 0x00020000 - fdpi_crl FIFO - message queue events from the fastPCRF to the fastDPI. CoA-requests, which should be sent to all the fastDPI-servers, are placed in the queue.
- 0x00100000 - logging of sending start/stop accounting events.
- 0x00200000 - logging of sending interim update accounting events.