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Log files

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

1. [fastpcrf_alert.log](#)
2. [fastpcrf_ap0.log](#)
3. [fastpcrf_ap1.log](#)
4. [fastpcrf_ap2.log](#)
5. [fastpcrf_ap3.log](#)
6. [fastpcrf_ap4.log](#)
7. [fastpcrf_stat.log](#)

Tracing



You are allowed to change the value of trace parameters without interrupting the service by editing the trace parameter in the `fastpcrf.conf` configuration file and executing the **service fastpcrf reload** command.

The log level is specified by the `t` trace parameter in the `fastpcrf.conf` configuration file. The trace option takes a parameter as a bit mask, where each bit specifies a log level for a specific subsystem:

- `0x00000001` - connection monitor. Monitor of RADIUS connections. It monitors the activity of connections, decides whether to switch to a backup Radius server.
- `0x00000002` - task scheduler. Internal task scheduler.
- `0x00000010` - auth server, is responsible for accepting authorization requests from the fastDPI (fastDPI → fastPCRF communication).
- `0x00000200` - radius_client connections. Detailed logging of Access-Request requests and Access-Accept/Reject responses.
- `0x00000400` - radius_client monitor. Logging of Server-Status requests and corresponding responses for checking the RADIUS server status.
- `0x00001000` - CoA server. CoA events logging.
- `0x00002000` - CoA listener is responsible for establishing connections with CoA clients.
- `0x00004000` - CoA processor is responsible for detailed CoA requests logging.
- `0x00010000` - fdpi_ctl - logging of the fastDPI data sending events (fastPCRF → fastDPI communication).
- `0x00020000` - fdpi_crl FIFO - message queue events from fastPCRF to fastDPI. The queue includes CoA requests that should be sent to all the fastDPI servers.
- `0x00100000` - logging of start/stop accounting.
- `0x00200000` - logging of interim update accounting.