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Update

If you have a large amount of received data, before update it is recommended to

1. Stop receivers

```
fastor-stop
```

2. Wait for the completion of inserts into the database

```
clickhouse-client --query="select * from system.processes sp where  
sp.query like 'insert into%'" | wc -l
```

3. Stop DB

```
fastor-db-stop
```

Updating is performed using the same scripts as in the [Installation](#) section.

In some systems, the database starts very slowly (from several minutes to several tens of minutes, especially in systems with long-term data storage) and when updating you may receive an error like **ERROR: while updating DB scheme**



```
ERROR: while updating DB scheme  
info: It will try again after 30 seconds  
Job for clickhouse-server.service failed because a timeout was exceeded.  
See "systemctl status clickhouse-server.service" and "journalctl -xe" for details.  
<jemalloc>: Number of CPUs detected is not deterministic. Per-CPU arena disabled.  
Code: 210. DB::NetException: Connection refused (localhost:9000). (NETWORK_ERROR)  
  
ERROR: while updating DB scheme  
info: It will try again after 30 seconds  
<jemalloc>: Number of CPUs detected is not deterministic. Per-CPU arena disabled.  
Code: 210. DB::NetException: Connection refused (localhost:9000). (NETWORK_ERROR)  
  
ERROR: while updating DB scheme  
info: It will try again after 30 seconds  
<jemalloc>: Number of CPUs detected is not deterministic. Per-CPU arena disabled.
```

Wait for the database to start. You can check the tail `/var/log/clickhouse-server/clickhouse-server.log` logs, or simply try to launch the `clickhouse-client` client - if there is a connection, then the database has started and is ready for connections.

After starting the database, run the command

```
fastor-db-scheme
```



Do not forget to execute

```
fastor-db-scheme
```

after update. This insures cases when the schema does not have time to update as a result of a long restart of the database.



If QoE Stor is installed on CentOS 7, use the [Update on CentOS 7](#) guide.