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Installation



Before installing or upgrading, check your Internet connection. Make shure you run scripts under the root or using sudo.



Check if the time and time zone are set correctly on the server. Correct and restart the server if necessary.



Do not disable the standard firewall-cmd. The installation script uses it for self-configuration.



Do not use the yum update fastor command. Install/update with the script below.

For automatically installation or upgrading follow these steps:

1. Execute [fastor-rpm_install.sh](#) script.

```
source <(curl https://vasexperts.ru/install/fastor-rpm_install.sh)
```

It will cause the installation of the following packages: ipfixreceiver, clickhouse, fastor. All of them will be automatically configured according to the defaults.

2. Restart your ssh terminal. You need to make command aliases available.
3. Run the command

```
fastor-db-scheme
```

The database schema will be updated.

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