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Update



Instructions for updating on CentOS 7



Important!

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

Do not use the command `yum update fastor`. Install or update using the script below.

If you have a large amount of incoming data, before updating it is recommended to:

1. Stop receivers:

```
fastor-stop
```

2. Wait for database insertions to finish:

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

3. Stop the database:

```
fastor-db-stop
```

4. Run the script `fastor-rpm_install.sh`:

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

In some systems, the database may start very slowly (from several minutes to tens of minutes, especially in systems with long data retention), and during the update an error like

```
ERROR: while updating DB scheme
```



may occur. Wait for the database to start. You can check the startup status using tail logs located at `/var/log/clickhouse-server/clickhouse-server.log`, or try to start the `clickhouse-client` — if a connection is established, the database has started and is ready for connections.

After the database starts, run the command

```
fastor-db-scheme
```

This ensures that the schema is updated in case it didn't complete due to a long database restart.

Update on CentOS 7



Attention! This instruction is relevant **only for CentOS 7**. If you are using CentOS 8 or VEOS, ignore this instruction.

Due to certain limitations in ClickHouse, it was necessary to modify the dependencies of the fastor package. These changes ensure proper operation on CentOS 8 and VEOS, but may cause issues on CentOS 7 due to unresolved dependencies.

Step-by-step guide

Step 1. If you have large data volumes, before updating it is recommended to:

1. Stop receivers:

```
fastor-stop
```

2. Wait for database insertions to finish:

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

3. Stop the database:

```
fastor-db-stop
```

Step 2. Clear the yum cache:

```
yum clean all
```

Step 3. Run the installation script to update repositories:

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



The script will not complete successfully. The output will contain errors indicating that ClickHouse dependencies cannot be resolved.

Step 4. Check the output of the command:

```
rpm -qa | grep clickhouse
```

If the listed packages have different states:

```
clickhouse-client-23.4.2.11-1.x86_64  
clickhouse-server-23.4.2.11-1.x86_64
```

```
clickhouse-common-static-23.4.2.11-1.x86_64
```

then remove these packages:

```
rpm -e fastor clickhouse-client-23.4.2.11-1.x86_64 clickhouse-  
server-23.4.2.11-1.x86_64 clickhouse-common-static-23.4.2.11-1.x86_64
```

Step 5. Update ClickHouse:

```
yum install clickhouse-common-static-24.2.2.71 clickhouse-server-24.2.2.71  
clickhouse-client-24.2.2.71
```



The package versions must match those specified in the command.

Step 6. If the file `/usr/lib/systemd/system/clickhouse-server.service` contains the parameter `TimeoutStartSec=0`, remove it. This affects ClickHouse startup on CentOS 7.

Then execute the command:

```
systemctl daemon-reload
```

Step 7. Install the latest version of fastor:

```
yum install fastor
```

Step 8. Restart ClickHouse in recovery mode:

```
fastor-db-restart-repair
```

Step 9. Update the database schema:

```
fastor-db-scheme
```

Step 10. Restore the `.env` file:

```
mv "/var/goestor/backend/.env.rpmsave" "/var/goestor/backend/.env"
```

Step 11. Restart receivers:

```
fastor-restart
```