

ClickHouse Deploy

ClickHouse installation

Add the repository:

```
sudo apt-add-repository "deb http://repo.yandex.ru/clickhouse/deb/stable/ main/"
```

Then run:

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv E0C56BD4 # optional
sudo apt-get update
sudo apt-get install clickhouse-client clickhouse-server
```

To start the server, run:

```
sudo service clickhouse-server start
```

Congratulations! You installed a ClickHouse.

Everything is fine?

Run the client to check that ClickHouse works:

```
clickhouse-client
```

Run:

```
select 1
```

If everything is fine, then in return we get:

```
SELECT 1
```

```
┌1┐  
└1┘
```

```
1 rows in set. Elapsed: 0.003 sec.
```

Exit from client:

```
exit
```

Tabix installation (UI client)

Stop the server:

```
sudo service clickhouse-server stop
```

Edit config:

```
sudo nano /etc/clickhouse-server/config.xml
```

Accept connections both with IPv4 and IPv6 from everywhere:

```
<listen_host>::</listen_host>
```

Add `http_server_default_response`:

```
<http_server_default_response><![CDATA[<html ng-app="SMI2"><head><base  
href="http://ui.tabix.io/"></head><body><div ui-view="" class="content-  
ui"></div><script  
src="http://loader.tabix.io/master.js"></script></body></html>]]></http_server_d  
efault_response>
```

To start the server, run:

```
sudo service clickhouse-server start
```

Save and exit.

Clickhouse is now available at:

http://204.48.17.120:8123/#!/sql

Setup ClickHouse users

Password generation:

```
echo -n "testPassword" | sha256sum | tr -d '-'
```

Result:

```
f501c3dc6d2bb6949f5936758bba06cc300a25efb2e6831db8fc132a90c93eb9
```

Users and access rights are setup in the user config:

```
sudo nano /etc/clickhouse-server/users.xml
```

Add password for the default user:

```
<password_sha256_hex>f501c3dc6d2bb6949f5936758bba06cc300a25efb2e6831db8fc132a90c93eb9</password_sha256_hex>
```

Save and exit.

```
clickhouse-client -u login --password password -m
```