

v1.20_ lickhouse

lickhouse clickhouse_exporter

Prometheus .

1. ClickHouse [clickhouse_exporter](#)
2. clickhouse_exporter /usr/bin/
3. / clickhouse_exporter':

```
sudo chown root:root /usr/bin/clickhouse_exporter
```

4. , clickhouse_exporter , , :

```
sudo chmod +x /usr/bin/clickhouse_exporter
```

5. systemd clickhouse_exporter'. /etc/systemd/system/clickhouse_exporter.service:

```
[Unit]
Description=Prometheus Clickhouse Exporter
After=network.target

[Service]
Type=simple
Restart=always
User=prometheus
Group=prometheus
Environment=CLICKHOUSE_USER=javauser
Environment=CLICKHOUSE_PASSWORD=javapassword
ExecStart=/usr/local/bin/clickhouse_exporter
[Install]
WantedBy=multi-user.target
```

6. ClickHouse . /etc/clickhouse-server/users.d/monitoring.xml:

```
<yandex>
  <users>
    <monitoring>
      <password>monitoring</password>
      <networks incl="networks" replace="replace">
        <ip>::1</ip>
        <ip>127.0.0.1</ip>
      </networks>
      <profile>readonly</profile>
      <quota>default</quota>
      <allow_databases>
        <database>test</database>
      </allow_databases>
    </monitoring>
  </users>
</yandex>
```

enviroment clickhouse_exporter.service(.6).

7. clickhouse_exporter:

```
systemctl start clickhouse_exporter
```

8. prometheus.yml:

```

scrape_configs:
  - job_name: clickhouse
    static_configs:
      - targets: ['<IP-      clickhouse_exporter>']
        labels:
          alias: clickhouse

```

9. Prometheus:

```
systemctl restart prometheus
```

10. Grafana , Clickhouse (id 882).

