v1.24_ 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).