# Redis and Opmantek Applications

Redis is currently an optional dependency for opEvents and the real-time events feature.

## Check if the process is running

```
ps -ef | grep redis
root      3272 32083  0 11:18 pts/3    00:00:00 grep redis
redis     30666    1  0 08:32 ?        00:00:06 /usr/bin/redis-server 127.0.0.1:6379
```

## Check the Redis Version

```
redis-server -v
redis server v=3.2.6 sha=00000000:0 malloc=jemalloc-3.6.0 bits=64 build=36cfef259bdc87c
```

## Check if you can connect to redis using redis-cli

You can find your redis password in "/etc/redis/redis.conf" and look for requirepass

```
redis-cli -a myUnguessablePazzzzzword123 ping
PONG
```

The server should respond with PONG

For more details on the redis cli please see https://redis.io/topics/rediscli

## Check the password between both applications

Find the redis password in "/etc/redis/redis.conf" and find the value set under requirepass

Find the redis password  "/usr/local/omk/conf/opCommon.json" and find the value under redis_password

They need to be the same for our applications to connect.

If you change either password, both redis, omkd and opeventsd will need to be restarted.

## Check if OMK applications can connect to Redis

Browse to https://example.com/en/omk/opCore/redisinfo

| Redis Server redis://localhost:6379/0 | |
|---|---|
| For details on info values please see Redis Info | |
| **clients** | |
| blocked_clients | 0 |
| client_biggest_input_buf | 0 |
| client_longest_output_list | 0 |
| connected_clients | 1 |
| **cluster** | |
| cluster_enabled | 0 |
| **cpu** | |
| used_cpu_sys | 0.11 |
| used_cpu_sys_children | 0.00 |
| used_cpu_user | 0.10 |
| used_cpu_user_children | 0.00 |
| **keyspace** | |
| **memory** | |