



链滴

mysqld: File '"/binlog.index' not found (OS errno 13 - Permission denied)

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原文链接: <https://ld246.com/article/1583484324836>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

mysqld: File './binlog.index' not found (OS errno 13 - permission denied)

env:

```
NAME="CentOS Linux"
VERSION="7 (Core)"
ID="centos"
ID_LIKE="rhel fedora"
VERSION_ID="7"
PRETTY_NAME="CentOS Linux 7 (Core)"
ANSI_COLOR="0;31"
CPE_NAME="cpe:/o:centos:centos:7"
HOME_URL="https://www.centos.org/"
BUG_REPORT_URL="https://bugs.centos.org/"
```

```
CENTOS_MANTISBT_PROJECT="CentOS-7"
CENTOS_MANTISBT_PROJECT_VERSION="7"
REDHAT_SUPPORT_PRODUCT="centos"
REDHAT_SUPPORT_PRODUCT_VERSION="7"
```

```
/usr/sbin/mysqld Ver 8.0.19 for Linux on x86_64 (MySQL Community Server - GPL)
```

conclusion for those impatient

1. see your mysql config file
2. make sure all the configurations in your config file is owned by user mysql && group mysql
3. if not, just change their ownship and owner group to mysql

progress

1. view log

get useful log in file [/var/log/mysqld.log](#) like below

```
mysqld: File './binlog.index' not found (OS errno 13 - Permission denied)
2020-03-06T08:04:17.833206Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.
9) starting as process 16352
2020-03-06T08:04:17.835908Z 0 [ERROR] [MY-010119] [Server] Aborting
```

2. check my config file

my config looks like below:

```
# For advice on how to change settings please see
# http://dev.mysql.com/doc/refman/8.0/en/server-configuration-defaults.html
```

```
[mysqld]
```

```
#
```

```
# Remove leading # and set to the amount of RAM for the most important data
# cache in MySQL. Start at 70% of total RAM for dedicated server, else 10%.
```

```

# innodb_buffer_pool_size = 128M
#
# Remove the leading "# " to disable binary logging
# Binary logging captures changes between backups and is enabled by
# default. It's default setting is log_bin=binlog
# disable_log_bin
#
# Remove leading # to set options mainly useful for reporting servers.
# The server defaults are faster for transactions and fast SELECTs.
# Adjust sizes as needed, experiment to find the optimal values.
# join_buffer_size = 128M
# sort_buffer_size = 2M
# read_rnd_buffer_size = 2M
#
# Remove leading # to revert to previous value for default_authentication_plugin,
# this will increase compatibility with older clients. For background, see:
# https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_default_authentication_plugin
default_authentication_plugin=mysql_native_password

```

```

datadir=/var/lib/mysql
socket=/var/lib/mysql/mysql.sock

```

```

log-error=/var/log/mysqld.log
pid-file=/var/run/mysqld/mysqld.pid

```

through checking i found:

```

ls -al /var/lib/mysql
total 168068
drwxr-x---  2 mysql mysql  4096 Mar  6 15:59 #innodb_temp
drwxr-x--x  6 mysql mysql  4096 Mar  6 16:04 .
drwxr-xr-x. 30 root  root  4096 Mar  6 13:14 ..
-rw-r-----  1 mysql mysql   56 Mar  6 13:33 auto.cnf
-rw-r-----  1 mysql mysql 1167 Mar  6 14:33 binlog.000001
-rw-r-----  1 mysql mysql  971 Mar  6 14:40 binlog.000002
-rw-r-----  1 mysql mysql  178 Mar  6 15:27 binlog.000003
-rw-r-----  1 mysql mysql  199 Mar  6 15:43 binlog.000004
-rw-r-----  1 mysql mysql  178 Mar  6 15:44 binlog.000005
-rw-r-----  1 root  root   178 Mar  6 15:45 binlog.000006
-rw-r-----  1 root  root   178 Mar  6 15:46 binlog.000007
-rw-r-----  1 root  root   178 Mar  6 15:46 binlog.000008
-rw-r-----  1 root  root   178 Mar  6 15:47 binlog.000009
-rw-r-----  1 root  root   178 Mar  6 15:49 binlog.000010
-rw-r-----  1 root  root   178 Mar  6 15:49 binlog.000011
-rw-r-----  1 root  root   178 Mar  6 15:49 binlog.000012
-rw-r-----  1 root  root   178 Mar  6 15:58 binlog.000013
-rw-r-----  1 root  root   155 Mar  6 15:59 binlog.000014
-rw-r-----  1 root  root   224 Mar  6 15:59 binlog.index
-rw-----  1 mysql mysql  1680 Mar  6 13:33 ca-key.pem
-rw-r--r--  1 mysql mysql  1112 Mar  6 13:33 ca.pem
-rw-r--r--  1 mysql mysql  1112 Mar  6 13:33 client-cert.pem
-rw-----  1 mysql mysql  1680 Mar  6 13:33 client-key.pem
-rw-r-----  1 root  root  3329 Mar  6 15:58 ib_buffer_pool
-rw-r-----  1 mysql mysql 50331648 Mar  6 15:59 ib_logfile0

```

```
-rw-r----- 1 mysql mysql 50331648 Mar  6 13:33 ib_logfile1
-rw-r----- 1 mysql mysql 12582912 Mar  6 15:59 ibdata1
-rw-r----- 1 root  root  12582912 Mar  6 15:59 ibtmp1
drwxr-x---  2 mysql mysql   4096 Mar  6 13:33 mysql
-rw-r----- 1 mysql mysql 25165824 Mar  6 15:59 mysql.ibd
srwxrwxrwx  1 root  root     0 Mar  6 15:59 mysql.sock
-rw-----  1 root  root     6 Mar  6 15:59 mysql.sock.lock
drwxr-x---  2 mysql mysql   4096 Mar  6 13:33 performance_schema
-rw-----  1 mysql mysql   1680 Mar  6 13:33 private_key.pem
-rw-r--r--  1 mysql mysql   452 Mar  6 13:33 public_key.pem
-rw-r--r--  1 mysql mysql   1112 Mar  6 13:33 server-cert.pem
-rw-----  1 mysql mysql   1676 Mar  6 13:33 server-key.pem
drwxr-x---  2 mysql mysql   4096 Mar  6 13:33 sys
-rw-r----- 1 mysql mysql 10485760 Mar  6 15:59 undo_001
-rw-r----- 1 mysql mysql 10485760 Mar  6 15:59 undo_002
```

```
ls -al /var/run/mysqld/mysqld.pid
```

```
-rw-r----- 1 root root 6 Mar  6 15:59 /var/run/mysqld/mysqld.pid
```

3. change owner ship and owner group

```
chgrp mysql -R /var/lib/mysql
```

```
chown mysql -R /var/run/mysqld
```

```
chgrp mysql -R /var/run/mysqld
```

```
chown mysql -R /var/run/mysqld
```

4. restart mysqld service, and your problem fixed