Logs activos MySQL

```
# General and Slow logging.
log-output=FILE

general-log=1

general_log_file="DESKTOP-CQGJP8J.log"

slow-query-log=1

slow_query_log_file="DESKTOP-CQGJP8J-slow.log"

long_query_time=10

# Error Logging.
log-error="DESKTOP-CQGJP8J.err"

# ***** Group Replication Related *****
# Specifies the base name to use for binary log files. With binary logging
# enabled, the server logs all statements that change data to the binary
# log, which is used for backup and replication.
log-bin="DESKTOP-CQGJP8J-bin"
```

Tenemos activos los logs general, slow log y el log de errores, en las siguientes rutas.
General log: "C:\ProgramData\MySQL\MySQL Server 8.0\Data\DESKTOP-CQGJP8J.log"
Slow log: "C:\ProgramData\MySQL\MySQL Server 8.0\Data\DESKTOP-CQGJP8J-slow.log"
Error log: "C:\ProgramData\MySQL\MySQL Server 8.0\Data\DESKTOP-CQGJP8J.err"
Binary log: "C:\ProgramData\MySQL\MySQL Server
8.0\Data\DESKTOP-CQGJP8J-bin.000004"

General log

```
C:\Program Files\MySQL\MySQL Server 8.0\bin\mysqld.exe, Version: 8.0.43 (MySQL Community
Server - GPL). started with:
TCP Port: 3306, Named Pipe: MySQL
Time                    Id Command     Argument
2025-10-10T12:11:03.159623Z          0 Execute    CREATE TABLE
performance_schema.innodb_redo_log_files(
`FILE_ID` BIGINT NOT NULL COMMENT 'Id of the file.',
`FILE_NAME` VARCHAR(2000) NOT NULL COMMENT 'Path to the file.',
`START_LSN` BIGINT NOT NULL COMMENT 'LSN of the first block in the file.',
`END_LSN` BIGINT NOT NULL COMMENT 'LSN after the last block in the file.',
`SIZE_IN_BYTES` BIGINT NOT NULL COMMENT 'Size of the file (in bytes).',
`IS_FULL` TINYINT NOT NULL COMMENT '1 iff file has no free space inside.',
`CONSUMER_LEVEL` INT NOT NULL COMMENT 'All redo log consumers registered on smaller levels
than this value, have already consumed this file.'
)engine = 'performance_schema'
2025-10-10T12:12:15.424236Z          8 Connect    root@localhost on  using TCP/IP
2025-10-10T12:12:15.424293Z          8 Connect    Access denied for user 'root'@'localhost'
(using password: NO)
2025-10-10T12:12:17.551046Z          9 Connect    root@localhost on  using TCP/IP
2025-10-10T12:12:17.551348Z          9 Query      set autocommit=1
2025-10-10T12:12:17.551539Z          9 Query      SELECT current_user()
2025-10-10T12:12:17.551785Z          9 Query      SET CHARACTER SET utf8
2025-10-10T12:12:17.551896Z          9 Query      SET NAMES utf8
2025-10-10T12:12:17.552051Z          9 Query      SHOW SESSION VARIABLES LIKE 'sql_mode'
2025-10-10T12:12:17.556938Z          9 Query      SELECT CONNECTION_ID()
2025-10-10T12:12:17.557115Z          9 Query      show character set where charset =
'utf8mb4'
2025-10-10T12:12:17.558112Z          9 Query      SET NAMES 'utf8mb4'
2025-10-10T12:12:17.558565Z          9 Query      SHOW SESSION STATUS LIKE 'Ssl_cipher'
2025-10-10T12:12:17.560131Z          9 Query      set autocommit=1
2025-10-10T12:12:17.585324Z         10 Connect    root@localhost on  using TCP/IP
2025-10-10T12:12:17.585686Z         10 Query      set autocommit=1
2025-10-10T12:12:17.585984Z         10 Query      SELECT current_user()
2025-10-10T12:12:17.586217Z         10 Query      SET CHARACTER SET utf8
2025-10-10T12:12:17.586382Z         10 Query      SET NAMES utf8
2025-10-10T12:12:17.586497Z         10 Query      SET SQL_SAFE_UPDATES=1
2025-10-10T12:12:17.586811Z         10 Query      SELECT CONNECTION_ID()
2025-10-10T12:12:17.586995Z         10 Query      show character set where charset =
'utf8mb4'
```

Slow log

```
C:\Program Files\MySQL\MySQL Server 8.0\bin\mysqld.exe, Version: 8.0.43 (MySQL Community
Server - GPL). started with:
TCP Port: 0, Named Pipe: MySQL
Time                    Id Command     Argument
C:\Program Files\MySQL\MySQL Server 8.0\bin\mysqld.exe, Version: 8.0.43 (MySQL Community
Server - GPL). started with:
TCP Port: 3306, Named Pipe: MySQL
Time                    Id Command     Argument
C:\Program Files\MySQL\MySQL Server 8.0\bin\mysqld.exe, Version: 8.0.43 (MySQL Community
Server - GPL). started with:
TCP Port: 3306, Named Pipe: MySQL
Time                    Id Command     Argument
C:\Program Files\MySQL\MySQL Server 8.0\bin\mysqld.exe, Version: 8.0.43 (MySQL Community
Server - GPL). started with:
TCP Port: 3306, Named Pipe: MySQL
Time                    Id Command     Argument
```

Error log

```
2025-09-26T11:23:51.364475Z 0 [System] [MY-010116] [Server] C:\Program Files\MySQL\MySQL
Server 8.0\bin\mysqld.exe (mysqld 8.0.43) starting as process 4504
2025-09-26T11:23:51.396952Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has
started.
2025-09-26T11:23:51.581307Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has
ended.
2025-09-26T11:23:51.900792Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self
signed.
2025-09-26T11:23:51.901996Z 0 [System] [MY-013602] [Server] Channel mysql_main configured
to support TLS. Encrypted connections are now supported for this channel.
2025-09-26T11:23:51.942640Z 0 [System] [MY-011323] [Server] X Plugin ready for connections.
Bind-address: '::' port: 33060
2025-09-26T11:23:51.942707Z 0 [System] [MY-010931] [Server] C:\Program Files\MySQL\MySQL
Server 8.0\bin\mysqld.exe: ready for connections. Version: '8.0.43'  socket: ''  port: 3306
MySQL Community Server - GPL.
2025-10-10T12:11:02.120951Z 0 [System] [MY-010116] [Server] C:\Program Files\MySQL\MySQL
Server 8.0\bin\mysqld.exe (mysqld 8.0.43) starting as process 20112
2025-10-10T12:11:02.205093Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has
started.
2025-10-10T12:11:02.821079Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has
ended.
2025-10-10T12:11:03.061636Z 0 [System] [MY-010229] [Server] Starting XA crash recovery...
2025-10-10T12:11:03.066783Z 0 [System] [MY-010232] [Server] XA crash recovery finished.
2025-10-10T12:11:03.237467Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self
signed.
2025-10-10T12:11:03.237998Z 0 [System] [MY-013602] [Server] Channel mysql_main configured
to support TLS. Encrypted connections are now supported for this channel.
2025-10-10T12:11:03.295961Z 0 [System] [MY-011323] [Server] X Plugin ready for connections.
Bind-address: '::' port: 33060
2025-10-10T12:11:03.296023Z 0 [System] [MY-010931] [Server] C:\Program Files\MySQL\MySQL
Server 8.0\bin\mysqld.exe: ready for connections. Version: '8.0.43'  socket: ''  port: 3306
MySQL Community Server - GPL.
2025-10-15T09:29:57.213011Z 0 [System] [MY-013105] [Server] C:\Program Files\MySQL\MySQL
Server 8.0\bin\mysqld.exe: Normal shutdown.
2025-10-15T09:29:58.025635Z 0 [System] [MY-010910] [Server] C:\Program Files\MySQL\MySQL
Server 8.0\bin\mysqld.exe: Shutdown complete (mysqld 8.0.43)  MySQL Community Server - GPL.
2025-10-15T09:30:20.537311Z 0 [System] [MY-010116] [Server] C:\Program Files\MySQL\MySQL
```

Binary log

Para acceder a los logs binarios tenemos que hacerlo con la herramienta que nos proporciona MySQL, mysqlbinlog. Vamos a la ruta donde se encuentre el ejecutable, y lo ejecutamos con la ruta del log binario:

```
C:\Program Files\MySQL\MySQL Server 8.0\bin> mysqlbinlog C:\ProgramData\MySQL\MySQL Server 8.0\Data\DESKTOP-CQGJP8J-bin.000004
```

Y accedemos al contenido del log.

```
C:\Program Files\MySQL\MySQL Server 8.0\bin> mysqlbinlog C:\ProgramData\MySQL\MySQL Server 8.0\Data\DESKTOP-CQGJP8J-bin.000004
# The proper term is pseudo_replica_mode, but we use this compatibility alias
# to make the statement usable on server versions 8.0.24 and older.
/*!50530 SET @@SESSION.PSEUDO_SLAVE_MODE=1*/;
/*!50003 SET @OLD_COMPLETION_TYPE=@@COMPLETION_TYPE,COMPLETION_TYPE=0*/;
DELIMITER /*!*/;
mysqlbinlog: File 'C:\ProgramData\MySQL\MySQL' not found (OS errno 2 - No such file or directory)
ERROR: Could not open log file
SET @@SESSION.GTID_NEXT= 'AUTOMATIC' /* added by mysqlbinlog */ /*!*/;
DELIMITER ;
# End of log file
/*!50003 SET COMPLETION_TYPE=@OLD_COMPLETION_TYPE*/;
/*!50530 SET @@SESSION.PSEUDO_SLAVE_MODE=0*/;

C:\Program Files\MySQL\MySQL Server 8.0\bin>
```