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# MySQL 8 Replication

MySQL ( ) MySQL  
( ) 가 . ,

MySQL

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MySQL 8

- Binary log replication
- General Transaction ID(GTID) replication

GTID

8

MySQL 8

- One-way asynchronous ( )
- Semi-synchronous ( )
- Delayed replication ( )
- Synchronous ( - NDB Cluster)

MySQL 8

- Statement Based Replication (SBR) - SQL
- Row Based Replication (RBR) - ROW
- Mixed Based Replication (MBR) -

# Binary log based replication

1. Master server-id . ( )
2. Slave server-id . ( )
3. .
4. Master Slave Binary log position .

## Master

- server-id 가 .
- InnoDB  
my.cnf innodb\_flush\_log\_at\_trx\_commit=1 sync\_binlog=1

```
[mysqld]
server-id = 1
innodb_flush_log_at_trx_commit = 1
sync_binlog = 1
```

## Slave

- server-id 가 .

```
[mysqld]
server-id = 2
```

- [https://docs.oracle.com/cd/E17952\\_01/mysql-8.0-en/replication.html](https://docs.oracle.com/cd/E17952_01/mysql-8.0-en/replication.html)

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