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MySQL 8 Replication

MySQL () MySQL
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MySQL

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- 가

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

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