

- `Replica_SQL_Running_State`

The state of the SQL thread (analogous to `Replica_IO_State`). The value is identical to the `State` value of the SQL thread as displayed by `SHOW PROCESSLIST`. [Section 8.14.6, “Replication SQL Thread States”](#), provides a listing of possible states.

- `Source_Retry_Count`

The number of times the replica can attempt to reconnect to the source in the event of a lost connection. This value can be set using the `SOURCE_RETRY_COUNT` | `MASTER_RETRY_COUNT` option of the `CHANGE REPLICATION SOURCE TO` statement (from MySQL 8.0.23) or `CHANGE MASTER TO` statement (before MySQL 8.0.23), or the older `--master-retry-count` server option (still supported for backward compatibility).

- `Source_Bind`

The network interface that the replica is bound to, if any. This is set using the `SOURCE_BIND` | `MASTER_BIND` option for the `CHANGE REPLICATION SOURCE TO` statement (from MySQL 8.0.23) or `CHANGE MASTER TO` statement (before MySQL 8.0.23).

- `Last_IO_Error_Timestamp`

A timestamp in `YYMMDD hh:mm:ss` format that shows when the most recent I/O error took place.

- `Last_SQL_Error_Timestamp`

A timestamp in `YYMMDD hh:mm:ss` format that shows when the most recent SQL error occurred.

- `Retrieved_Gtid_Set`

The set of global transaction IDs corresponding to all transactions received by this replica. Empty if GTIDs are not in use. See [GTID Sets](#) for more information.

This is the set of all GTIDs that exist or have existed in the relay logs. Each GTID is added as soon as the `Gtid_log_event` is received. This can cause partially transmitted transactions to have their GTIDs included in the set.

When all relay logs are lost due to executing `RESET REPLICA | SLAVE` or `CHANGE REPLICATION SOURCE TO | CHANGE MASTER TO`, or due to the effects of the `--relay-log-recovery` option, the set is cleared. When `relay_log_purge = 1`, the newest relay log is always kept, and the set is not cleared.

- `Executed_Gtid_Set`

The set of global transaction IDs written in the binary log. This is the same as the value for the global `gtid_executed` system variable on this server, as well as the value for `Executed_Gtid_Set` in the output of `SHOW MASTER STATUS` on this server. Empty if GTIDs are not in use. See [GTID Sets](#) for more information.

- `Auto_Position`

1 if GTID auto-positioning is in use for the channel, otherwise 0.