

this option for a server where GTIDs are in use if you are sure that the required GTID set is already present in `gtid_purged` on the target server and should not be changed, or if you plan to identify and add any missing GTIDs manually.

`ON`

If GTIDs are enabled on the server you are backing up, `SET @@GLOBAL.gtid_purged` is added to the output (unless `gtid_executed` is empty), and `SET @@SESSION.sql_log_bin=0` is added to the output. An error occurs if you set this option but GTIDs are not enabled on the server. For a server where GTIDs are in use, use this option or `AUTO`, unless you are sure that the GTIDs in `gtid_executed` are not needed on the target server.

`COMMENTED`

Available from MySQL 8.0.17. If GTIDs are enabled on the server you are backing up, `SET @@GLOBAL.gtid_purged` is added to the output (unless `gtid_executed` is empty), but it is commented out. This means that the value of `gtid_executed` is available in the output, but no action is taken automatically when the dump file is reloaded. `SET @@SESSION.sql_log_bin=0` is added to the output, and it is not commented out. With `COMMENTED`, you can control the use of the `gtid_executed` set manually or through automation. For example, you might prefer to do this if you are migrating data to another server that already has different active databases.

## Format Options

The following options specify how to represent the entire dump file or certain kinds of data in the dump file. They also control whether certain optional information is written to the dump file.

- `--compact`

Produce more compact output. This option enables the `--skip-add-drop-table`, `--skip-add-locks`, `--skip-comments`, `--skip-disable-keys`, and `--skip-set-charset` options.

- `--compatible=name`

Produce output that is more compatible with other database systems or with older MySQL servers. The only permitted value for this option is `ansi`, which has the same meaning as the corresponding option for setting the server SQL mode. See [Section 5.1.11, “Server SQL Modes”](#).

- `--complete-insert, -c`

Use complete `INSERT` statements that include column names.

- `--create-options`

Include all MySQL-specific table options in the `CREATE TABLE` statements.

- `--fields-terminated-by=...`, `--fields-enclosed-by=...`, `--fields-optionally-enclosed-by=...`, `--fields-escaped-by=...`

These options are used with the `--tab` option and have the same meaning as the corresponding `FIELDS` clauses for `LOAD DATA`. See [Section 13.2.7, “LOAD DATA Statement”](#).

- `--hex-blob`