Default Value	8388608
Minimum Value	0
Maximum Value	18446744073709551615

The limit on memory consumption for the range optimizer. A value of 0 means “no limit.” If an execution plan considered by the optimizer uses the range access method but the optimizer estimates that the amount of memory needed for this method would exceed the limit, it abandons the plan and considers other plans. For more information, see Limiting Memory Use for Range Optimization.

- rbr_exec_mode

System Variable	rbr_exec_mode
Scope	Global, Session
Dynamic	Yes
SET_VAR Hint Applies	No
Type	Enumeration
Default Value	STRICT
Valid Values	IDEMPOTENT STRICT

For internal use by mysqlbinlog. This variable switches the server between IDEMPOTENT mode and STRICT mode. IDEMPOTENT mode causes suppression of duplicate-key and no-key-found errors in BINLOG statements generated by mysqlbinlog. This mode is useful when replaying a row-based binary log on a server that causes conflicts with existing data. mysqlbinlog sets this mode when you specify the --idempotent option by writing the following to the output:

```
SET SESSION RBR_EXEC_MODE=IDEMPOTENT;
```

As of MySQL 8.0.18, setting the session value of this system variable is no longer a restricted operation.

- read_buffer_size

Command-Line Format	--read-buffer-size=#
System Variable	read_buffer_size
Scope	Global, Session
Dynamic	Yes
SET_VAR Hint Applies	Yes
Type	Integer
Default Value	131072
Minimum Value	8192
Maximum Value	2147479552
Block Size	4096

Each thread that does a sequential scan for a MyISAM table allocates a buffer of this size (in bytes) for each table it scans. If you do many sequential scans, you might want to increase this value, which