System Variable	`innodb_log_files_in_group`
Scope	Global
Dynamic	No
`SET_VAR` Hint Applies	No
Type	Integer
Default Value	2
Minimum Value	2
Maximum Value	100

The number of log files in the log group. `InnoDB` writes to the files in a circular fashion. The default (and recommended) value is 2. The location of the files is specified by `innodb_log_group_home_dir`. The combined size of log files (`innodb_log_file_size` * `innodb_log_files_in_group`) can be up to 512GB.

For related information, see Redo Log File Configuration.

- `innodb_log_group_home_dir`

Command-Line Format	`--innodb-log-group-home-dir=dir_name`
System Variable	`innodb_log_group_home_dir`
Scope	Global
Dynamic	No
`SET_VAR` Hint Applies	No
Type	Directory name

The directory path to the `InnoDB` redo log files, whose number is specified by `innodb_log_files_in_group`. If you do not specify any `InnoDB` log variables, the default is to create two files named `ib_logfile0` and `ib_logfile1` in the MySQL data directory. Log file size is given by the `innodb_log_file_size` system variable.

For related information, see Redo Log File Configuration.

- `innodb_log_spin_cpu_abs_lwm`

Command-Line Format	`--innodb-log-spin-cpu-abs-lwm=#`
System Variable	`innodb_log_spin_cpu_abs_lwm`
Scope	Global
Dynamic	Yes
`SET_VAR` Hint Applies	No
Type	Integer
Default Value	80
Minimum Value	0
Maximum Value	4294967295

Defines the minimum amount of CPU usage below which user threads no longer spin while waiting for flushed redo. The value is expressed as a sum of CPU core usage. For example, The default value of 80