

<code>SET_VAR</code> Hint Applies	No
Type	Boolean
Default Value	<code>OFF</code>

Causes a replica `mysqld` to write the NDB transaction ID in each row of the binary log. The default value is `FALSE`.

This option is not supported in mainline MySQL Server 8.0. It is required to enable NDB Cluster Replication conflict detection and resolution using the `NDB$EPOCH_TRANS()` function (see [NDB\\$EPOCH_TRANS\(\)](#)). For more information, see [Section 23.6.11, “NDB Cluster Replication Conflict Resolution”](#).

The deprecated `log_bin_use_v1_row_events` system variable, which defaults to `OFF`, must not be set to `ON` when you use `--ndb-log-transaction-id`.

- `--ndb-log-update-as-write`

Command-Line Format	<code>--ndb-log-update-as-write[={OFF ON}]</code>
System Variable	<code>ndb_log_update_as_write</code>
Scope	Global
Dynamic	Yes
<code>SET_VAR</code> Hint Applies	No
Type	Boolean
Default Value	<code>ON</code>

Whether updates on the source are written to the binary log as updates (`OFF`) or writes (`ON`). Used in NDB Replication conflict resolution; for more information, see [Logging Changed Data as Updates](#).

- `--ndb-log-updated-only`

Command-Line Format	<code>--ndb-log-updated-only[={OFF ON}]</code>
System Variable	<code>ndb_log_updated_only</code>
Scope	Global
Dynamic	Yes
<code>SET_VAR</code> Hint Applies	No
Type	Boolean
Default Value	<code>ON</code>

Whether `mysqld` writes complete rows (`ON`) or updates only (`OFF`) to the binary log. Used in NDB Replication conflict resolution; see [Logging Full or Partial Rows](#), for more information.

- `--ndb-log-update-minimal`

Command-Line Format	<code>--ndb-log-update-minimal[={OFF ON}]</code>
System Variable	<code>ndb_log_update_minimal</code>
Scope	Global
Dynamic	Yes
<code>SET_VAR</code> Hint Applies	No