

- The `--ndb_perror` option was removed. Use the `ndb_perror` utility instead.
- The `innodb_undo_logs` variable was removed. The `innodb_rollback_segments` variable performs the same function and should be used instead.
- The `Innodb_available_undo_logs` status variable was removed. The number of available rollback segments per tablespace may be retrieved using `SHOW VARIABLES LIKE 'innodb_rollback_segments';`
- As of MySQL 8.0.14, the previously deprecated `innodb_undo_tablespaces` variable is no longer configurable. For more information, see [Section 15.6.3.4, “Undo Tablespaces”](#).
- Support for the `ALTER TABLE ... UPGRADE PARTITIONING` statement has been removed.
- As of MySQL 8.0.16, support for the `internal_tmp_disk_storage_engine` system variable has been removed; internal temporary tables on disk now always use the `InnoDB` storage engine. See [Storage Engine for On-Disk Internal Temporary Tables](#), for more information.
- The `DISABLE_SHARED_CMAKE` option was unused and has been removed.

## 1.4 Server and Status Variables and Options Added, Deprecated, or Removed in MySQL 8.0

This section lists server variables, status variables, and options that were added for the first time, have been deprecated, or have been removed in MySQL 8.0.

- [Options and Variables Introduced in MySQL 8.0](#)
- [Options and Variables Deprecated in MySQL 8.0](#)
- [Options and Variables Removed in MySQL 8.0](#)

### Options and Variables Introduced in MySQL 8.0

The following system variables, status variables, and options are new in MySQL 8.0, and have not been included in any previous release series.

- `Acl_cache_items_count`: Number of cached privilege objects. Added in MySQL 8.0.0.
- `Audit_log_current_size`: Audit log file current size. Added in MySQL 8.0.11.
- `Audit_log_event_max_drop_size`: Size of largest dropped audited event. Added in MySQL 8.0.11.
- `Audit_log_events`: Number of handled audited events. Added in MySQL 8.0.11.
- `Audit_log_events_filtered`: Number of filtered audited events. Added in MySQL 8.0.11.
- `Audit_log_events_lost`: Number of dropped audited events. Added in MySQL 8.0.11.
- `Audit_log_events_written`: Number of written audited events. Added in MySQL 8.0.11.
- `Audit_log_total_size`: Combined size of written audited events. Added in MySQL 8.0.11.
- `Audit_log_write_waits`: Number of write-delayed audited events. Added in MySQL 8.0.11.
- `Authentication_ldap_sasl_supported_methods`: Supported authentication methods for SASL LDAP authentication. Added in MySQL 8.0.21.
- `Caching_sha2_password_rsa_public_key`: caching\_sha2\_password authentication plugin RSA public key value. Added in MySQL 8.0.4.