

mysqldump Options

Option Name	Description	Introduced	Deprecated
--add-drop-database	Add DROP DATABASE statement before each CREATE DATABASE statement		
--add-drop-table	Add DROP TABLE statement before each CREATE TABLE statement		
--add-drop-trigger	Add DROP TRIGGER statement before each CREATE TRIGGER statement		
--add-locks	Surround each table dump with LOCK TABLES and UNLOCK TABLES statements		
--all-databases	Dump all tables in all databases		
--allow-keywords	Allow creation of column names that are keywords		
--apply-replica-statements	Include STOP REPLICA prior to CHANGE REPLICATION SOURCE TO statement and START REPLICA at end of output	8.0.26	
--apply-slave-statements	Include STOP SLAVE prior to CHANGE MASTER statement and START SLAVE at end of output		8.0.26
--bind-address	Use specified network interface to connect to MySQL Server		
--character-sets-dir	Directory where character sets are installed		
--column-statistics	Write ANALYZE TABLE statements to generate statistics histograms		
--comments	Add comments to dump file		
--compact	Produce more compact output		
--compatible	Produce output that is more compatible with other database systems or with older MySQL servers		
--complete-insert	Use complete INSERT statements that include column names		
--compress	Compress all information sent between client and server		8.0.18
--compression-algorithms	Permitted compression algorithms for connections to server	8.0.18	
--create-options	Include all MySQL-specific table options in CREATE TABLE statements		
--databases	Interpret all name arguments as database names		
--debug	Write debugging log		
--debug-check	Print debugging information when program exits		
--debug-info	Print debugging information, memory, and CPU statistics when program exits		
--default-auth	Authentication plugin to use		
--default-character-set	Specify default character set		
--defaults-extra-file	Read named option file in addition to usual option files		
--defaults-file	Read only named option file		
--defaults-group-suffix	Option group suffix value		
--delete-master-logs	On a replication source server, delete the binary logs after performing the dump operation		8.0.26
--delete-source-logs	On a replication source server, delete the binary logs after performing the dump operation	8.0.26	
--disable-keys	For each table, surround INSERT statements with statements to disable and enable keys		
--dump-date	Include dump date as "Dump completed on" comment if --comments is given		
--dump-replica	Include CHANGE REPLICATION SOURCE TO statement that lists binary log coordinates of replica's source	8.0.26	
--dump-slave	Include CHANGE MASTER statement that lists binary log coordinates of replica's source		8.0.26
--enable-cleartext-plugin	Enable cleartext authentication plugin		
--events	Dump events from dumped databases		
--extended-insert	Use multiple-row INSERT syntax		
--fields-enclosed-by	This option is used with the --tab option and has the same meaning as the corresponding clause for LOAD DATA		
--fields-escaped-by	This option is used with the --tab option and has the same meaning as the corresponding clause for LOAD DATA		
--fields-optionally-enclosed-by	This option is used with the --tab option and has the same meaning as the corresponding clause for LOAD DATA		
--fields-terminated-by	This option is used with the --tab option and has the same meaning as the corresponding clause for LOAD DATA		
--flush-logs	Flush MySQL server log files before starting dump		
--flush-privileges	Emit a FLUSH PRIVILEGES statement after dumping mysql database		

Option Name	Description	Introduced	Deprecated
--force	Continue even if an SQL error occurs during a table dump		
--get-server-public-key	Request RSA public key from server		
--help	Display help message and exit		
--hex-blob	Dump binary columns using hexadecimal notation		
--host	Host on which MySQL server is located		
--ignore-error	Ignore specified errors		
--ignore-table	Do not dump given table		
--include-master-host-port	Include MASTER_HOST/MASTER_PORT options in CHANGE MASTER statement produced with --dump-slave		8.0.26
--include-source-host-port	Include SOURCE_HOST and SOURCE_PORT options in CHANGE REPLICATION SOURCE TO statement produced with --dump-replica	8.0.26	
--insert-ignore	Write INSERT IGNORE rather than INSERT statements		
--lines-terminated-by	This option is used with the --tab option and has the same meaning as the corresponding clause for LOAD DATA		
--lock-all-tables	Lock all tables across all databases		
--lock-tables	Lock all tables before dumping them		
--log-error	Append warnings and errors to named file		
--login-path	Read login path options from .mylogin.cnf		
--master-data	Write the binary log file name and position to the output		8.0.26
--max-allowed-packet	Maximum packet length to send to or receive from server		
--net-buffer-length	Buffer size for TCP/IP and socket communication		
--network-timeout	Increase network timeouts to permit larger table dumps		
--no-autocommit	Enclose the INSERT statements for each dumped table within SET autocommit = 0 and COMMIT statements		
--no-create-db	Do not write CREATE DATABASE statements		
--no-create-info	Do not write CREATE TABLE statements that re-create each dumped table		
--no-data	Do not dump table contents		
--no-defaults	Read no option files		
--no-set-names	Same as --skip-set-charset		
--no-tablespaces	Do not write any CREATE LOGFILE GROUP or CREATE TABLESPACE statements in output		
--opt	Shorthand for --add-drop-table --add-locks --create-options --disable-keys --extended-insert --lock-tables --quick --set-charset		
--order-by-primary	Dump each table's rows sorted by its primary key, or by its first unique index		
--password	Password to use when connecting to server		
--password1	First multifactor authentication password to use when connecting to server	8.0.27	
--password2	Second multifactor authentication password to use when connecting to server	8.0.27	
--password3	Third multifactor authentication password to use when connecting to server	8.0.27	
--pipe	Connect to server using named pipe (Windows only)		
--plugin-dir	Directory where plugins are installed		
--port	TCP/IP port number for connection		
--print-defaults	Print default options		
--protocol	Transport protocol to use		
--quick	Retrieve rows for a table from the server a row at a time		
--quote-names	Quote identifiers within backtick characters		
--replace	Write REPLACE statements rather than INSERT statements		
--result-file	Direct output to a given file		
--routines	Dump stored routines (procedures and functions) from dumped databases		
--server-public-key-path	Path name to file containing RSA public key		
--set-charset	Add SET NAMES default_character_set to output		
--set-gtid-purged	Whether to add SET @@GLOBAL.GTID_PURGED to output		
--shared-memory-base-name	Shared-memory name for shared-memory connections (Windows only)		
--show-create-skip-secondary-engine	Exclude SECONDARY ENGINE clause from CREATE TABLE statements	8.0.18	

Option Name	Description	Introduced	Deprecated
<code>--single-transaction</code>	Issue a BEGIN SQL statement before dumping data from server		
<code>--skip-add-drop-table</code>	Do not add a DROP TABLE statement before each CREATE TABLE statement		
<code>--skip-add-locks</code>	Do not add locks		
<code>--skip-comments</code>	Do not add comments to dump file		
<code>--skip-compact</code>	Do not produce more compact output		
<code>--skip-disable-keys</code>	Do not disable keys		
<code>--skip-extended-insert</code>	Turn off extended-insert		
<code>--skip-generated-invisible-primary-key</code>	Do not include generated invisible primary keys in dump file	8.0.30	
<code>--skip-opt</code>	Turn off options set by --opt		
<code>--skip-quick</code>	Do not retrieve rows for a table from the server a row at a time		
<code>--skip-quote-names</code>	Do not quote identifiers		
<code>--skip-set-charset</code>	Do not write SET NAMES statement		
<code>--skip-triggers</code>	Do not dump triggers		
<code>--skip-tz-utc</code>	Turn off tz-utc		
<code>--socket</code>	Unix socket file or Windows named pipe to use		
<code>--source-data</code>	Write the binary log file name and position to the output	8.0.26	
<code>--ssl-ca</code>	File that contains list of trusted SSL Certificate Authorities		
<code>--ssl-capath</code>	Directory that contains trusted SSL Certificate Authority certificate files		
<code>--ssl-cert</code>	File that contains X.509 certificate		
<code>--ssl-cipher</code>	Permissible ciphers for connection encryption		
<code>--ssl-crl</code>	File that contains certificate revocation lists		
<code>--ssl-crlpath</code>	Directory that contains certificate revocation-list files		
<code>--ssl-fips-mode</code>	Whether to enable FIPS mode on client side		
<code>--ssl-key</code>	File that contains X.509 key		
<code>--ssl-mode</code>	Desired security state of connection to server		
<code>--ssl-session-data</code>	File that contains SSL session data	8.0.29	
<code>--ssl-session-data-continue-on-failed-reuse</code>	Whether to establish connections if session reuse fails	8.0.29	
<code>--tab</code>	Produce tab-separated data files		
<code>--tables</code>	Override --databases or -B option		
<code>--tls-ciphersuites</code>	Permissible TLSv1.3 ciphersuites for encrypted connections	8.0.16	
<code>--tls-version</code>	Permissible TLS protocols for encrypted connections		
<code>--triggers</code>	Dump triggers for each dumped table		
<code>--tz-utc</code>	Add SET TIME_ZONE='+00:00' to dump file		
<code>--user</code>	MySQL user name to use when connecting to server		
<code>--verbose</code>	Verbose mode		
<code>--version</code>	Display version information and exit		
<code>--where</code>	Dump only rows selected by given WHERE condition		
<code>--xml</code>	Produce XML output		
<code>--zstd-compression-level</code>	Compression level for connections to server that use zstd compression	8.0.18	