ALLOW_TEMPORARY_INDEXES	*DEFAULT
APPLY_REMOTE	*DEFAULT
ASYNC_JOB_USAGE	*DEFAULT
CACHE_RESULTS	*DEFAULT
COMMITMENT_CONTROL_LOCK_LIMIT	*DEFAULT
FORCE_JOIN_ORDER	*DEFAULT
IGNORE_DERIVED_INDEX	*DEFAULT
IGNORE_LIKE_REDUNDANT_SHIFTS	*DEFAULT
LIMIT_PREDICATE_OPTIMIZATION	*DEFAULT
LOB_LOCATOR_THRESHOLD	*DEFAULT
MATERIALIZED_QUERY_TABLE_REFRESH_AGE	*DEFAULT
MATERIALIZED_QUERY_TABLE_USAGE	*DEFAULT
MESSAGES_DEBUG	*DEFAULT
NORMALIZE_DATA	*DEFAULT
OPEN_CURSOR_CLOSE_COUNT	*DEFAULT
OPEN_CURSOR_THRESHOLD	*DEFAULT
OPTIMIZATION_GOAL	*DEFAULT
OPTIMIZE_STATISTIC_LIMITATION	*DEFAULT
PARALLEL_DEGREE	*DEFAULT
PARAMETER_MARKER_CONVERSION	*DEFAULT
QUERY_TIME_LIMIT	*DEFAULT
REOPTIMIZE_ACCESS_PLAN	*DEFAULT
SQL_SUPPRESS_WARNINGS	*DEFAULT
SQL_TRANSLATE_ASCII_TO_JOB	*DEFAULT
SQLSTANDARDS_MIXED_CONSTANT	*DEFAULT
STAR_JOIN	*DEFAULT
STORAGE_LIMIT	*DEFAULT
SYSTEM_SQL_STATEMENT_CACHE	*DEFAULT
UDF_TIME_OUT	*DEFAULT
VARIABLE_LENGTH_OPTIMIZATION	*DEFAULT

This option allows the user to indicate if temporary indexes should be considered by the optimizer. If tempora
Specifies for database queries involving distributed files, whether or not the CHGQRYA query attributes are ap
Specifies the circumstances in which asynchronous (temp writer) jobs can be used to help process database qu
For SQE queries involving temporary results (e.g. sorts, hashes) the database often saves the results across qu
Specifies the maximum number of records which can be locked to a commit transaction initiated after setting
Specifies that the join of tables is to occur in the order specified in the query. QQVAL: *DEFAULT--The default v
Allows SQE to process the query even when a mapped key index or select omit index exists over a table in the
Specifies whether redundant shift characters are ignored for DBCS-Open operands when processing the SQL LI
Indicates that the query optimizer can only use simple isolatable predicates when performing index optimizat
Specifies either *DEFAULT or an Integer Value -- the threshold to free eligible LOB locators that exist within the
This parameter provides the ability to examine which materialized query tables are eligible to be used based o
This parameter provides the ability to control the usage of materialized query tables in query optimization and
Specifies whether query optimizer debug messages that would normally be issued if the job was in debug are
Specifies whether normalization will be performed on Unicode constants, host variables, parameter markers a
Specifies the number of cursors to full close when threshold is encountered. QQVAL: *DEFAULT--Is equivalent
Specifies the threshold to start full close of pseudo closed cursors. QQVAL: *DEFAULT--Is equivalent to 0. There
Specifies the goal that the query optimizer should use when making costing decisions. QQVAL: *DEFAULT--Opt
Specifies limitations on query optimizer's statistics gathering. QQVAL: *DEFAULT--The amount of time spent in
Specifies the parallel processing option that can be used when running database queries and database file key
For dynamic SQL queries, specifies whether or not to allow literals to be implemented as parameter markers b
Specifies a time limit for database queries allowed to be started based on the estimated number of elapsed se
For queries with a saved access plan, this option specifies to the query optimizer to reoptimize the query. Note
For SQL statements, this parameter provides the ability to suppress SQL warnings. QQVAL: *DEFAULT--The def
When using DRDA to connect to an iSeries as the application server (AS) where the application requestor (AR)
For SQL queries, this parameter specifies whether or not to allow IGC constants to always be treated as IGC-OF
Specifies whether or not to enable EVI Star Join optimization. QQVAL: *DEFAULT--The default value is set to *N
Specifies a temporary storage limit for database queries. If the query is expected to use more than the specifi
Specifies for dynamic SQL queries that are not stored in an SQL package the ability to disable system wide SQL
Specifies the amount of time, in seconds, that the database will wait for a User Defined Function (UDF) to finis
Allows aggressive optimization techniques(Including Index Only Access) for columns that are variable in length

ing the different access plans. *YES--Allow temporary indexes to be considered. *ONLY_REQUIRED--D
ıere *SYSVAL is specified, the system value on the remote system is used for the remote job. This optic
ue is set to *LOCAL. *DIST--Asynchronous jobs may be used for database queries that involve distribut
e is set to *SYSTEM. *SYSTEM--The database manager may cache a query result set. A subsequent run
ue. Valid values range from 1 through 500,000,000.
listed by the numeric value nnn (nnn is optional and will default to 1) into the primary position (or dia
query plan will be created without any regard to the existence of the derived index(s). *NO--Do not ig
ce that this option restricts the query optimizer from using an index to perform key row positioning for
consideration by the optimizer when doing index optimization. *YES--Eliminate the complex predicates
tors. For values 1 thru 250,000, on a FETCH request, the database will compare the active LOB locator
Y_TABLE_USAGE parameter may be used. Timestamp_Duration--Only tables indicated by MATERIALIZ
ables may be used. *ALL--User-maintained materialized query tables may be used.

ıalized. *NO--Normalization will not occur on Unicode constants, host variables, parameter markers ar
less than or equal to the number in OPEN_CURSOR_THRESHOLD parameter. This value is ignored if O
hrough 65536. A value of -1 will force SQL to not reuse ODPs (forces full close and full open), but this r
ıs fast as possible. *ALLIO--All queries will be optimized with the goal of running the entire query to co
ıaximum percentage of the index that will be searched while gathering statistics. Valid values for Integ
se query optimizer chooses to use I/O parallel processing. SMP parallel processing is not allowed. *MA

this job will be obtained from the system value QQRYTIMLMT. Integer Value--Specifies the maximum
-Force the existing query to be reoptimized. *ONLY_REQUIRED--Do not allow the plan to be reoptimize
0, the SQLSTATE to '00000' and SQLWARN to ' '. *NO--Specifies that SQL warnings will be returne
II SQL statement text to the CCSID of the iSeries job. *NO--Translate ASCII SQL statement text to the E
en the constant will be treated as IGC-ONLY, otherwise it will be treated as IGC-OPEN.
indexes will be allowed into the plan chosen by the optimizer. Valid values for Integer Value 1 to 6553
e of storage concerns. Integer Value--Storage limit value in Megabytes.
ts in the cache, use the cached statement. *NO--Specifies that the SQL system wide statement cache
h. Integer Value--Specify the number of seconds that the database should wait for a UDF to finish. If tl
gth columns. As a consequence, the length of the data returned for these columns might not include ar

o not allow any temporary indexes to be considered for this access plan. Choose any other implement
on requires that if CHGQRYA was used for this job, the remote jobs must have authority to use the CH
ed files. *LOCAL--Asynchronous jobs may be used for database queries that involve only files local to t
of the query by that job or, if the ODP for the query has been deleted, by any job, will consider reusi

al) for the join. *YES--The join will occur in the order in which the tables were specified in the query.
gnore the derived index. If a derived index exists CQE will process the query.
r SQL LIKE or OPNQRYF %WLDCRD predicates involving DBCS-Open, DBCS-Either, or DBCS-Only operan
s.
count for the job against the threshold value. If the locator count is greater than or equal to the thres
ZED_QUERY_TABLE_USAGE option which have a REFRESH TABLE performed within the specified times

nd expressions that combine strings.
PEN_CURSOR_THRESHOLD is *DEFAULT. The valid values range from 1 through 65536.
must be set at the start of the session before the first open.
mpletion in the shortest amount of elapsed time.
ger Value are 1 to 99. *MAX_NUMBER_OF_RECORDS Integer Value--Specifies the largest table size,in r
AX--The query optimizer can choose to use either I/O or SMP parallel processing. *OPTIMIZE--The que

value that is checked against the estimated number of elapsed seconds required to run a query. If the
ed for any subjective reasons. For these cases continue to use the existing plan since it is still a valid pl
ed to the caller.
EBCDIC CCSID associated with the ASCII CCSID.

34. If no value is specified for Integer Value, then a value of 65535 will be used. *COST--Allow query op

should not be used. All SQL prepare requests will be built from scratch.
he value given exceeds the database maximum wait time, the maximum wait time will be used by the
ny trailing blanks that existed in the original data.*NO--Do not allow these optimizations.

tation regardless of cost to avoid the creation of a temporary index. Only if no viable plan can be found
GQRYA command. *NO--The CHGQRYA attributes for the job are not applied to the remote jobs. The r
the system where the database queries are being run. *ANY--Asynchronous jobs may be used for any
ng the cached result set. *JOB--The database manager may cache a query result set from one run to t

nds. *OPTIMIZE--Redundant shift characters may or may not be ignored for DBCS-Open operands depe

shold, the database will free host server created locators that have been retrieved. This option applies
stamp duration may be used.

number of records, for which statistics gathering is allowed. For tables with more records than specifie
ry optimizer may choose to use any number of tasks for either I/O or SMP parallel processing. *SYSVA

e estimated elapsed seconds is greater than this value, the query is not started. Valid values range fror
lan. This may mean that you may not get all of the performance benefits that a reoptimization of of th

ptimizer to consider the usage of EVI Star Join support.

database. The minimum value is 1. The maximum value is system defined.

d will a temporary index be used.
remote jobs will use the attributes associated to them on their systems.
database query. *NONE--No asynchronous jobs are allowed to be used for database query processing
the next for a job, as long as the query uses a reusable ODP. When the reusable ODP is deleted, the ca

ending on whether an index is used to perform key row positioning for these predicates.

; to all host server jobs (QZDASOINIT) using this query options file.

ed, the optimizer willforego statistics gathering and will use default values.
AL--The processing option used is set to the system value QQRYDEGREE. *NUMBER_OF_TASKS--Specifi

m 0 through 2147352578.
ıe plan may derive.

g.
ached result set isalso deleted. *NONE--No caching of results is done

es the number of tasks to be used with SMP parallel processing.