Cheatography

SnDO SQL Server 2012 Cheat Sheet

by abas060 via cheatography.com/20631/cs/3356/

Server-level Options

opt/min/max/def

Available Server-level Options

-access check cache bucket count /0/16384/0
-access check cache quota/0/2147483647/0
-ad hoc distributed queries/0/1/0
-affinity I/O mask /-2147483648/214748647/0
-affinity64 I/O mask /-2147483648/214748647/0
-Agent XPs/0/1/0
-allow updates /0/1/0
-backup compression default/0/1/0
-blocked process threshold/0/86400/0
-c2 audit mode /0/1/0
-clr enabled/0/1/0
-common criteria compliance enabled /0/1/0
-contained database authentication 0/-/0
-cost threshold for parallelism/0/32767/5
-cross db ownership chaining/0/1/0
-cursor threshold/-1/2147483647/-1
-Database Mail XPs /0/1/0
-default full-text language/0/2147483647/1033
-default language/0/9999/0
-default trace enabled/0/1/1
-disallow results from triggers/0/1/0
-EKM provider enabled/0/1/0
-filestream_access_level /0/2/0
-fill factor /0/100/0
-ft crawl bandwidth (max)/0/32767/100
-ft crawl bandwidth (min)/0/32767/0
-ft notify bandwidth (max)/0/32767/100
-ft notify bandwidth (min)/0/32767/0
-index create memory/704/2147483647/0
-in-doubt xact resolution/0/2/0
-lightweight pooling/0/1/0
-locks/5000/214783647/0
-max degree of parallelism/0/32767/0
-max full-text crawl range /0/256/4

Available Server-level Options (cont)

-max server memory/16/2147483647
-max text repl size/0/2147483647/65536
-max worker threads /128/32767/0
-media retention /0/365/0
-min memory per query /512/2147483647/1024
-min server memory/0/2147483647/0
-nested triggers/0/1/1
-network packet size /512/32767/4096
-Ole Automation Procedures /0/1/0
-open objects /0/2147483647/0
-optimize for ad hoc workloads /0/1/0
-PH_timeout /0/3600/60
-precompute rank /0/1/0
-priority boost/0/1/0
-query governor cost limit/0/2147483647/0
-query wait/-1/2147483647/-1
-recovery interval/0/32767/0
-remote access /0/1/1
-remote admin connections/0/1/0
-remote login timeout/0/2147483647/10
-remote proc trans/0/1/0
-remote query timeout/0/2147483647/600
-Replication XPs Option /0/1/0
-scan for startup procs/0/1/0
-server trigger recursion/0/1/1
-set working set size /0/1/0
-show advanced options/0/1/0
-SMO and DMO XPs /0/1/1
-transform noise words /0/1/0
-two digit year cutoff /1753/9999/2049
-user connections /0/32767/0
-user options/0/32767/0
-xp_cmdshell /0/1/0

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How to Change Server-level Options

GUI (some options)

`sp_Con figure` for basic options

`sp_Con figure` for advanced options

First, turn on Show Advanced Options

Then list them

Then activate desired option(s)

RECONFIGURE

Notable: authentication mode can't be switched this way but xp_reg-write can be used

Database-level Options

options/default

Auto options

`AUTO_CLOSE`/**True**

`AUTO_C REA TE_ STA TISTICS`/**True**

`AUTO_U PDA TE_ STA TISTICS`/**True**

`AUTO_S HRINK` /**False**

`Auto_U pda te_ Sta tis tic s_A syn chr onously`/**False**

Cursor options

`CURSOR _CL OSE _ON _COMMIT`/**OFF**

`CURSOR _DE FAULT`/**GLOBAL**

Database availability options

`OFFLINE | ONLINE | EMERGENCY`/**ONLINE**

`READ_ONLY | READ_WRITE`/**READ_WRITE**

`SINGLE _USER | RESTRI CTE D_USER | MULTI_USER`/**MULTI_USER**

Date Correlation Optimization Options

`DATE_C ORR ELA TIO N_O PTI MIZ ATION`/**OFF**

External access options

`DB_CHA INING`/**OFF**

`TRUSTW ORTHY`/**OFF**

Parameterization options

`PARAME TER IZATION`/**SIMPLE**

Recovery options

`RECOVERY`/**FULL**

`PAGE_V ERIFY`/**CHECKSUM**

Service Broker options

`ENABLE _BROKER | DISABL E_B ROKER | NEW_BROKER | ERR NS`/**ENABLE_BROKER**

Snapshot isolation options

`ALLOW_ SNA PSH OT_ ISO LATION`/**OFF**

`READ_C OMM ITT ED_ SNA PSHOT`/**OFF**

SQL Options

`READ_C OMM ITT ED_ SNA PSHOT`/**OFF**

`ANSI_NULLS` /**OFF**

`ANSI_P ADDING`/**OFF**

`ANSI_W ARNINGS`/**OFF**

`ARITHABORT`/**OFF**

`CONCAT _NU LL_ YIE LDS _NULL`/**OFF**

`QUOTED _ID ENT IFIER`/**OFF**

`NUMERI C_R OUN DABORT` /**OFF**

`RECURS IVE _TR IGGERS` /**OFF**

How to Change Server and Database Options

Code

ALTER DATABASE DBx SET ____

GUI

Can't change every option

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