

AUD Platform 7 /

Manager Windows PC /Test .

Project / .

(Resource . GS 30% TPS)

- OS : Linux
- CPU : 16Core
- Memory : 128Gb

- NamedUser 1000
- 100 user
- Olap 10 user

Manager

=====

WAS (Tomcat - Was)

Threads Pool

\${TOMCAT_HOME}/conf/server.xml

```
<Connector port="8080" protocol="HTTP/1.1"
  connectionTimeout="20000"
  redirectPort="8443"
  maxThread="400"      => Active User (100 ~ 500)
  acceptCount="10"    => request Queue
  enableLookups="false" => dns server round trip
  tcpNoDelay="true"   => 1 Size packet /
  URIEncoding="UTF-8"/>
```

#Heap memory

\${TOMCAT_HOME}/bin/catalina.sh

-Xms=4G

-Xmx=8G

-XX:MetaspaceSize=2G

-XX:MaxMetaspaceSize=4G

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Repository Connection Pool (Option)

\$(AUD Platform 7 Package Home)/conf/matrix.properties

Repository Connection (Default max 50)

150

matrix.pool.maxactive="100"

* 7.0.500.20241004-11

* 7.0.500.20241004-11 : **matrix.mtxrpty.max=100**

DB(Target DB) Connection Pool (Option)

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Olap - , Data Size, Memory

\$(AUD Platform 7 Package Home)/conf/matrix/application.conf

Native Memory Size

Data Xms100M Xmx500M

Olap Data size 1GB

java Option

daemon.xms=-Xms3G

daemon.xmx=-Xmx5G

Olap demon ~ 15 (Process, Shared OS Memory)

Daemon Instance Max Count

demon.instance.mcnt=10

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Repository DB (Option)

PostgreSQL - DB Site

\$(AUD Platform 7 Package Home)/conf/postgres

PostgreSQL For Windows

#

DB Version: 14

OS Type: windows

DB Type: web

Total Memory (RAM): 16 GB

CPUs num: 4

Connections num: 100

```
# Data Storage: hdd

# Path : {Manager Root}\conf\postgres\postgresql.conf
#

max_connections = 200
shared_buffers = 4GB
effective_cache_size = 12GB
maintenance_work_mem = 1GB
checkpoint_completion_target = 0.9
wal_buffers = 16MB
default_statistics_target = 100
random_page_cost = 4
work_mem = 20971kB
huge_pages = off
min_wal_size = 1GB
max_wal_size = 4GB
max_worker_processes = 4
max_parallel_workers_per_gather = 2
max_parallel_workers = 4
max_parallel_maintenance_workers = 2

# PostgreSQL For Linux #####
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